
Physicians as Assistants at Surgery: 2016 Update

Participating Organizations:

American College of Surgeons
American Academy of Ophthalmology
American Academy of Orthopaedic Surgeons
American Academy of Otolaryngology – Head and Neck Surgery
American Association of Neurological Surgeons
American Pediatric Surgical Association
American Society of Colon and Rectal Surgeons
American Society of Plastic Surgeons
American Society of Transplant Surgeons
American Urological Association
Congress of Neurological Surgeons
Society for Surgical Oncology
Society for Vascular Surgery
Society of American Gastrointestinal Endoscopic Surgeons
The American College of Obstetricians and Gynecologists
The Society of Thoracic Surgeons

Physicians as Assistants at Surgery: 2016 Update

INTRODUCTION

This is the seventh edition of *Physicians as Assistants at Surgery*, a study first undertaken in 1994 by the American College of Surgeons and other surgical specialty organizations. The study reviews all procedures listed in the “Surgery” section of the 2016 American Medical Association’s Current Procedural Terminology (CPT TM). Each organization was asked to review new codes since 2013 that are applicable to their specialty and determine whether the operation requires the use of a physician as an assistant at surgery: (1) almost always; (2) almost never; or (3) some of the time. The results of this study are presented in the accompanying report, which is in a table format.

This table presents information about the need for a physician as an assistant at surgery. Also, please note that an indication that a physician would “almost never” be needed to assist at surgery for some procedures does NOT imply that a physician is never needed. The decision to request that a physician assist at surgery remains the responsibility of the primary surgeon and, when necessary, should be a payable service. It should be noted that unlisted procedure codes are not included in this table because by nature they are undefined and vary on a case-by-case basis.

The organizations participating in this effort understand that local resources and patient characteristics can have an impact on the type of professional who may be asked to serve as an assistant at surgery. In fact, the College often receives requests for an assessment of how and when non-physicians may serve in this role and for what procedures. This is an enormously complex issue that cannot be addressed by a single table of the sort included in this report. However, the inclusion of any particular service on this table should not be interpreted to mean that a non-physician can never serve as an assistant at surgery in some circumstances, nor should the omission of a service on this list be interpreted to mean that assistance from non-physicians is not needed.

In an effort to address the issue of non-physician assistants, at least in part, an excerpt from the American College of Surgeons Statements on Principles has been included in this document. The excerpt “Surgical Assistants” describes the College’s view on the qualifications of those who serve as first assistants in the operating room.

Questions concerning this study or requests for additional copies should be directed to the College as follows:

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**American College of Surgeons
Statements on Principles**

II. QUALIFICATIONS OF THE RESPONSIBLE SURGEON

G. Surgical Assistant

The first assistant during a surgical operation should be a trained individual who is able to participate in and actively assist the surgeon in completing the operation safely and expeditiously by helping to provide exposure, maintain hemostasis, and serve other technical functions. The qualifications of the person in this role may vary with the nature of the operation, the surgical specialty, and the type of hospital or ambulatory surgical facility.

The American College of Surgeons supports the concept that, ideally, the first assistant at the operating table should be a qualified surgeon or a resident in an approved surgical education program. Residents at appropriate levels of training should be provided with opportunities to assist and participate in operations. If such assistants are not available, other physicians who are experienced in assisting may participate.

It may be necessary to utilize nonphysicians as first assistants. Surgeon's Assistants (SAs) or physician's assistants (PAs) with additional surgical training should meet national standards and be credentialed by the appropriate local authority. These individuals are not authorized to operate independently. Formal application for appointment to a hospital as a PA or SA should include:

Qualifications and Credentials of Assistants

- Specification of which surgeon the applicant will assist and what duties will be performed.
- Indication of which surgeon will be responsible for the supervision and performance of the SA or PA.
- The application should be reviewed and approved by the hospital's board.
- Registered nurses with specialized training may also function as first assistants. If such a situation should occur, the size of the operating room team should not be reduced; the nurse assistant should not simultaneously function as the scrub nurse and instrument nurse when serving as the first assistant. Nurse assistant practice privileges should be granted based upon the hospital board's review and approval of credentials. Registered nurses who act as first assistants must not have responsibility beyond the level defined in their state nursing practice act.

Surgeons are encouraged to participate in the training of allied health personnel. Such individuals perform their duties under the supervision of the surgeon.

2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
10021	Fine needle aspiration; without imaging guidance			X
10022	Fine needle aspiration; with imaging guidance			X
10030	Image-guided fluid collection drainage by catheter (eg, abscess, hematoma, seroma, lymphocele, cyst), soft tissue (eg, extremity, abdominal wall, neck), percutaneous			X
10035	Placement of soft tissue localization device(s) (eg, clip, metallic pellet, wire/needle, radioactive seeds), percutaneous, including imaging guidance; first lesion			X
10036	Placement of soft tissue localization device(s) (eg, clip, metallic pellet, wire/needle, radioactive seeds), percutaneous, including imaging guidance; each additional lesion (List separately in addition to code for primary procedure)			X
10040	Acne surgery (eg, marsupialization, opening or removal of multiple milia, comedones, cysts, pustules)			X
10060	Incision and drainage of abscess (eg, carbuncle, suppurative hidradenitis, cutaneous or subcutaneous abscess, cyst, furuncle, or paronychia); simple or single			X
10061	Incision and drainage of abscess (eg, carbuncle, suppurative hidradenitis, cutaneous or subcutaneous abscess, cyst, furuncle, or paronychia); complicated or multiple		X	
10080	Incision and drainage of pilonidal cyst; simple			X
10081	Incision and drainage of pilonidal cyst; complicated		X	
10120	Incision and removal of foreign body, subcutaneous tissues; simple			X
10121	Incision and removal of foreign body, subcutaneous tissues; complicated		X	
10140	Incision and drainage of hematoma, seroma or fluid collection			X
10160	Puncture aspiration of abscess, hematoma, bulla, or cyst			X
10180	Incision and drainage, complex, postoperative wound infection		X	
11000	Debridement of extensive eczematous or infected skin; up to 10% of body surface			X
11001	Debridement of extensive eczematous or infected skin; each additional 10% of the body surface, or part thereof (List separately in addition to code for primary procedure)		X	
11004	Debridement of skin, subcutaneous tissue, muscle and fascia for necrotizing soft tissue infection; external genitalia and perineum		X	
11005	Debridement of skin, subcutaneous tissue, muscle and fascia for necrotizing soft tissue infection; abdominal wall, with or without fascial closure		X	
11006	Debridement of skin, subcutaneous tissue, muscle and fascia for necrotizing soft tissue infection; external genitalia, perineum and abdominal wall, with or without fascial closure		X	
11008	Removal of prosthetic material or mesh, abdominal wall for infection (eg, for chronic or recurrent mesh infection or necrotizing soft tissue infection) (List separately in addition to code for primary procedure)		X	
11010	Debridement including removal of foreign material at the site of an open fracture and/or an open dislocation (eg, excisional debridement); skin and subcutaneous tissues		X	
11011	Debridement including removal of foreign material at the site of an open fracture and/or an open dislocation (eg, excisional debridement); skin, subcutaneous tissue, muscle fascia, and muscle		X	
11012	Debridement including removal of foreign material at the site of an open fracture and/or an open dislocation (eg, excisional debridement); skin, subcutaneous tissue, muscle fascia, muscle, and bone		X	
11042	Debridement, subcutaneous tissue (includes epidermis and dermis, if performed); first 20 sq cm or less		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
11043	Debridement, muscle and/or fascia (includes epidermis, dermis, and subcutaneous tissue, if performed); first 20 sq cm or less		X	
11044	Debridement, bone (includes epidermis, dermis, subcutaneous tissue, muscle and/or fascia, if performed); first 20 sq cm or less		X	
11045	Debridement, subcutaneous tissue (includes epidermis and dermis, if performed); each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)		X	
11046	Debridement, muscle and/or fascia (includes epidermis, dermis, and subcutaneous tissue, if performed); each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)		X	
11047	Debridement, bone (includes epidermis, dermis, subcutaneous tissue, muscle and/or fascia, if performed); each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)		X	
11055	Paring or cutting of benign hyperkeratotic lesion (eg, corn or callus); single lesion			X
11056	Paring or cutting of benign hyperkeratotic lesion (eg, corn or callus); 2 to 4 lesions			X
11057	Paring or cutting of benign hyperkeratotic lesion (eg, corn or callus); more than 4 lesions			X
11100	Biopsy of skin, subcutaneous tissue and/or mucous membrane (including simple closure), unless otherwise listed; single lesion			X
11101	Biopsy of skin, subcutaneous tissue and/or mucous membrane (including simple closure), unless otherwise listed; each separate/additional lesion (List separately in addition to code for primary procedure)			X
11200	Removal of skin tags, multiple fibrocutaneous tags, any area; up to and including 15 lesions			X
11201	Removal of skin tags, multiple fibrocutaneous tags, any area; each additional 10 lesions, or part thereof (List separately in addition to code for primary procedure)			X
11300	Shaving of epidermal or dermal lesion, single lesion, trunk, arms or legs; lesion diameter 0.5 cm or less			X
11301	Shaving of epidermal or dermal lesion, single lesion, trunk, arms or legs; lesion diameter 0.6 to 1.0 cm			X
11302	Shaving of epidermal or dermal lesion, single lesion, trunk, arms or legs; lesion diameter 1.1 to 2.0 cm			X
11303	Shaving of epidermal or dermal lesion, single lesion, trunk, arms or legs; lesion diameter over 2.0 cm			X
11305	Shaving of epidermal or dermal lesion, single lesion, scalp, neck, hands, feet, genitalia; lesion diameter 0.5 cm or less			X
11306	Shaving of epidermal or dermal lesion, single lesion, scalp, neck, hands, feet, genitalia; lesion diameter 0.6 to 1.0 cm			X
11307	Shaving of epidermal or dermal lesion, single lesion, scalp, neck, hands, feet, genitalia; lesion diameter 1.1 to 2.0 cm			X
11308	Shaving of epidermal or dermal lesion, single lesion, scalp, neck, hands, feet, genitalia; lesion diameter over 2.0 cm			X
11310	Shaving of epidermal or dermal lesion, single lesion, face, ears, eyelids, nose, lips, mucous membrane; lesion diameter 0.5 cm or less			X
11311	Shaving of epidermal or dermal lesion, single lesion, face, ears, eyelids, nose, lips, mucous membrane; lesion diameter 0.6 to 1.0 cm			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
11312	Shaving of epidermal or dermal lesion, single lesion, face, ears, eyelids, nose, lips, mucous membrane; lesion diameter 1.1 to 2.0 cm			X
11313	Shaving of epidermal or dermal lesion, single lesion, face, ears, eyelids, nose, lips, mucous membrane; lesion diameter over 2.0 cm			X
11400	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), trunk, arms or legs; excised diameter 0.5 cm or less			X
11401	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), trunk, arms or legs; excised diameter 0.6 to 1.0 cm			X
11402	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), trunk, arms or legs; excised diameter 1.1 to 2.0 cm			X
11403	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), trunk, arms or legs; excised diameter 2.1 to 3.0 cm			X
11404	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), trunk, arms or legs; excised diameter 3.1 to 4.0 cm			X
11406	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), trunk, arms or legs; excised diameter over 4.0 cm		X	
11420	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), scalp, neck, hands, feet, genitalia; excised diameter 0.5 cm or less			X
11421	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), scalp, neck, hands, feet, genitalia; excised diameter 0.6 to 1.0 cm			X
11422	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), scalp, neck, hands, feet, genitalia; excised diameter 1.1 to 2.0 cm			X
11423	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), scalp, neck, hands, feet, genitalia; excised diameter 2.1 to 3.0 cm			X
11424	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), scalp, neck, hands, feet, genitalia; excised diameter 3.1 to 4.0 cm			X
11426	Excision, benign lesion including margins, except skin tag (unless listed elsewhere), scalp, neck, hands, feet, genitalia; excised diameter over 4.0 cm		X	
11440	Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 0.5 cm or less			X
11441	Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 0.6 to 1.0 cm			X
11442	Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 1.1 to 2.0 cm			X
11443	Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 2.1 to 3.0 cm			X
11444	Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 3.1 to 4.0 cm			X
11446	Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter over 4.0 cm		X	
11450	Excision of skin and subcutaneous tissue for hidradenitis, axillary; with simple or intermediate repair			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
11451	Excision of skin and subcutaneous tissue for hidradenitis, axillary; with complex repair		X	
11462	Excision of skin and subcutaneous tissue for hidradenitis, inguinal; with simple or intermediate repair			X
11463	Excision of skin and subcutaneous tissue for hidradenitis, inguinal; with complex repair		X	
11470	Excision of skin and subcutaneous tissue for hidradenitis, perianal, perineal, or umbilical; with simple or intermediate repair		X	
11471	Excision of skin and subcutaneous tissue for hidradenitis, perianal, perineal, or umbilical; with complex repair		X	
11600	Excision, malignant lesion including margins, trunk, arms, or legs; excised diameter 0.5 cm or less			X
11601	Excision, malignant lesion including margins, trunk, arms, or legs; excised diameter 0.6 to 1.0 cm			X
11602	Excision, malignant lesion including margins, trunk, arms, or legs; excised diameter 1.1 to 2.0 cm			X
11603	Excision, malignant lesion including margins, trunk, arms, or legs; excised diameter 2.1 to 3.0 cm			X
11604	Excision, malignant lesion including margins, trunk, arms, or legs; excised diameter 3.1 to 4.0 cm			X
11606	Excision, malignant lesion including margins, trunk, arms, or legs; excised diameter over 4.0 cm		X	
11620	Excision, malignant lesion including margins, scalp, neck, hands, feet, genitalia; excised diameter 0.5 cm or less			X
11621	Excision, malignant lesion including margins, scalp, neck, hands, feet, genitalia; excised diameter 0.6 to 1.0 cm			X
11622	Excision, malignant lesion including margins, scalp, neck, hands, feet, genitalia; excised diameter 1.1 to 2.0 cm			X
11623	Excision, malignant lesion including margins, scalp, neck, hands, feet, genitalia; excised diameter 2.1 to 3.0 cm			X
11624	Excision, malignant lesion including margins, scalp, neck, hands, feet, genitalia; excised diameter 3.1 to 4.0 cm			X
11626	Excision, malignant lesion including margins, scalp, neck, hands, feet, genitalia; excised diameter over 4.0 cm		X	
11640	Excision, malignant lesion including margins, face, ears, eyelids, nose, lips; excised diameter 0.5 cm or less			X
11641	Excision, malignant lesion including margins, face, ears, eyelids, nose, lips; excised diameter 0.6 to 1.0 cm			X
11642	Excision, malignant lesion including margins, face, ears, eyelids, nose, lips; excised diameter 1.1 to 2.0 cm			X
11643	Excision, malignant lesion including margins, face, ears, eyelids, nose, lips; excised diameter 2.1 to 3.0 cm			X
11644	Excision, malignant lesion including margins, face, ears, eyelids, nose, lips; excised diameter 3.1 to 4.0 cm			X
11646	Excision, malignant lesion including margins, face, ears, eyelids, nose, lips; excised diameter over 4.0 cm		X	
11719	Trimming of nondystrophic nails, any number			X
11720	Debridement of nail(s) by any method(s); 1 to 5			X
11721	Debridement of nail(s) by any method(s); 6 or more			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
11730	Avulsion of nail plate, partial or complete, simple; single			X
11732	Avulsion of nail plate, partial or complete, simple; each additional nail plate (List separately in addition to code for primary procedure)			X
11740	Evacuation of subungual hematoma			X
11750	Excision of nail and nail matrix, partial or complete (eg, ingrown or deformed nail), for permanent removal;			X
11752	Excision of nail and nail matrix, partial or complete (eg, ingrown or deformed nail), for permanent removal; with amputation of tuft of distal phalanx			X
11755	Biopsy of nail unit (eg, plate, bed, matrix, hyponychium, proximal and lateral nail folds) (separate procedure)			X
11760	Repair of nail bed			X
11762	Reconstruction of nail bed with graft			X
11765	Wedge excision of skin of nail fold (eg, for ingrown toenail)			X
11770	Excision of pilonidal cyst or sinus; simple			X
11771	Excision of pilonidal cyst or sinus; extensive		X	
11772	Excision of pilonidal cyst or sinus; complicated		X	
11900	Injection, intralesional; up to and including 7 lesions			X
11901	Injection, intralesional; more than 7 lesions			X
11920	Tattooing, intradermal introduction of insoluble opaque pigments to correct color defects of skin, including micropigmentation; 6.0 sq cm or less			X
11921	Tattooing, intradermal introduction of insoluble opaque pigments to correct color defects of skin, including micropigmentation; 6.1 to 20.0 sq cm			X
11922	Tattooing, intradermal introduction of insoluble opaque pigments to correct color defects of skin, including micropigmentation; each additional 20.0 sq cm, or part thereof (List separately in addition to code for primary procedure)			X
11950	Subcutaneous injection of filling material (eg, collagen); 1 cc or less			X
11951	Subcutaneous injection of filling material (eg, collagen); 1.1 to 5.0 cc			X
11952	Subcutaneous injection of filling material (eg, collagen); 5.1 to 10.0 cc			X
11954	Subcutaneous injection of filling material (eg, collagen); over 10.0 cc			X
11960	Insertion of tissue expander(s) for other than breast, including subsequent expansion		X	
11970	Replacement of tissue expander with permanent prosthesis		X	
11971	Removal of tissue expander(s) without insertion of prosthesis			X
11976	Removal, implantable contraceptive capsules			X
11980	Subcutaneous hormone pellet implantation (implantation of estradiol and/or testosterone pellets beneath the skin)			X
11981	Insertion, non-biodegradable drug delivery implant		X	
11982	Removal, non-biodegradable drug delivery implant		X	
11983	Removal with reinsertion, non-biodegradable drug delivery implant		X	
12001	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 2.5 cm or less			X
12002	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 2.6 cm to 7.5 cm			X
12004	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 7.6 cm to 12.5 cm			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
12005	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 12.6 cm to 20.0 cm		X	
12006	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 20.1 cm to 30.0 cm		X	
12007	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); over 30.0 cm		X	
12011	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 2.5 cm or less			X
12013	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 2.6 cm to 5.0 cm			X
12014	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 5.1 cm to 7.5 cm			X
12015	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 7.6 cm to 12.5 cm		X	
12016	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 12.6 cm to 20.0 cm		X	
12017	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 20.1 cm to 30.0 cm		X	
12018	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; over 30.0 cm		X	
12020	Treatment of superficial wound dehiscence; simple closure			X
12021	Treatment of superficial wound dehiscence; with packing			X
12031	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 2.5 cm or less			X
12032	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 2.6 cm to 7.5 cm			X
12034	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 7.6 cm to 12.5 cm			X
12035	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 12.6 cm to 20.0 cm		X	
12036	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 20.1 cm to 30.0 cm		X	
12037	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); over 30.0 cm		X	
12041	Repair, intermediate, wounds of neck, hands, feet and/or external genitalia; 2.5 cm or less			X
12042	Repair, intermediate, wounds of neck, hands, feet and/or external genitalia; 2.6 cm to 7.5 cm			X
12044	Repair, intermediate, wounds of neck, hands, feet and/or external genitalia; 7.6 cm to 12.5 cm		X	
12045	Repair, intermediate, wounds of neck, hands, feet and/or external genitalia; 12.6 cm to 20.0 cm		X	
12046	Repair, intermediate, wounds of neck, hands, feet and/or external genitalia; 20.1 cm to 30.0 cm		X	
12047	Repair, intermediate, wounds of neck, hands, feet and/or external genitalia; over 30.0 cm		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
12051	Repair, intermediate, wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 2.5 cm or less			X
12052	Repair, intermediate, wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 2.6 cm to 5.0 cm			X
12053	Repair, intermediate, wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 5.1 cm to 7.5 cm		X	
12054	Repair, intermediate, wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 7.6 cm to 12.5 cm		X	
12055	Repair, intermediate, wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 12.6 cm to 20.0 cm		X	
12056	Repair, intermediate, wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 20.1 cm to 30.0 cm		X	
12057	Repair, intermediate, wounds of face, ears, eyelids, nose, lips and/or mucous membranes; over 30.0 cm		X	
13100	Repair, complex, trunk; 1.1 cm to 2.5 cm			X
13101	Repair, complex, trunk; 2.6 cm to 7.5 cm		X	
13102	Repair, complex, trunk; each additional 5 cm or less (List separately in addition to code for primary procedure)		X	
13120	Repair, complex, scalp, arms, and/or legs; 1.1 cm to 2.5 cm			X
13121	Repair, complex, scalp, arms, and/or legs; 2.6 cm to 7.5 cm		X	
13122	Repair, complex, scalp, arms, and/or legs; each additional 5 cm or less (List separately in addition to code for primary procedure)		X	
13131	Repair, complex, forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands and/or feet; 1.1 cm to 2.5 cm		X	
13132	Repair, complex, forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands and/or feet; 2.6 cm to 7.5 cm		X	
13133	Repair, complex, forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands and/or feet; each additional 5 cm or less (List separately in addition to code for primary procedure)		X	
13151	Repair, complex, eyelids, nose, ears and/or lips; 1.1 cm to 2.5 cm			X
13152	Repair, complex, eyelids, nose, ears and/or lips; 2.6 cm to 7.5 cm		X	
13153	Repair, complex, eyelids, nose, ears and/or lips; each additional 5 cm or less (List separately in addition to code for primary procedure)		X	
13160	Secondary closure of surgical wound or dehiscence, extensive or complicated		X	
14000	Adjacent tissue transfer or rearrangement, trunk; defect 10 sq cm or less		X	
14001	Adjacent tissue transfer or rearrangement, trunk; defect 10.1 sq cm to 30.0 sq cm		X	
14020	Adjacent tissue transfer or rearrangement, scalp, arms and/or legs; defect 10 sq cm or less		X	
14021	Adjacent tissue transfer or rearrangement, scalp, arms and/or legs; defect 10.1 sq cm to 30.0 sq cm		X	
14040	Adjacent tissue transfer or rearrangement, forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands and/or feet; defect 10 sq cm or less		X	
14041	Adjacent tissue transfer or rearrangement, forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands and/or feet; defect 10.1 sq cm to 30.0 sq cm		X	
14060	Adjacent tissue transfer or rearrangement, eyelids, nose, ears and/or lips; defect 10 sq cm or less		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
14061	Adjacent tissue transfer or rearrangement, eyelids, nose, ears and/or lips; defect 10.1 sq cm to 30.0 sq cm		X	
14301	Adjacent tissue transfer or rearrangement, any area; defect 30.1 sq cm to 60.0 sq cm		X	
14302	Adjacent tissue transfer or rearrangement, any area; each additional 30.0 sq cm, or part thereof (List separately in addition to code for primary procedure)		X	
14350	Filletted finger or toe flap, including preparation of recipient site		X	
15002	Surgical preparation or creation of recipient site by excision of open wounds, burn eschar, or scar (including subcutaneous tissues), or incisional release of scar contracture, trunk, arms, legs; first 100 sq cm or 1% of body area of infants and children		X	
15003	Surgical preparation or creation of recipient site by excision of open wounds, burn eschar, or scar (including subcutaneous tissues), or incisional release of scar contracture, trunk, arms, legs; each additional 100 sq cm, or part thereof, or each additional 1% of body area of infants and children (List separately in addition to code for primary procedure)		X	
15004	Surgical preparation or creation of recipient site by excision of open wounds, burn eschar, or scar (including subcutaneous tissues), or incisional release of scar contracture, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet and/or multiple digits; first 100 sq cm or 1% of body area of infants and children		X	
15005	Surgical preparation or creation of recipient site by excision of open wounds, burn eschar, or scar (including subcutaneous tissues), or incisional release of scar contracture, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet and/or multiple digits; each additional 100 sq cm, or part thereof, or each additional 1% of body area of infants and children (List separately in addition to code for primary procedure)		X	
15040	Harvest of skin for tissue cultured skin autograft, 100 sq cm or less			X
15050	Pinch graft, single or multiple, to cover small ulcer, tip of digit, or other minimal open area (except on face), up to defect size 2 cm diameter			X
15100	Split-thickness autograft, trunk, arms, legs; first 100 sq cm or less, or 1% of body area of infants and children (except 15050)		X	
15101	Split-thickness autograft, trunk, arms, legs; each additional 100 sq cm, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15110	Epidermal autograft, trunk, arms, legs; first 100 sq cm or less, or 1% of body area of infants and children		X	
15111	Epidermal autograft, trunk, arms, legs; each additional 100 sq cm, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15115	Epidermal autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; first 100 sq cm or less, or 1% of body area of infants and children		X	
15116	Epidermal autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; each additional 100 sq cm, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15120	Split-thickness autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; first 100 sq cm or less, or 1% of body area of infants and children (except 15050)		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
15121	Split-thickness autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; each additional 100 sq cm, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15130	Dermal autograft, trunk, arms, legs; first 100 sq cm or less, or 1% of body area of infants and children		X	
15131	Dermal autograft, trunk, arms, legs; each additional 100 sq cm, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15135	Dermal autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; first 100 sq cm or less, or 1% of body area of infants and children		X	
15136	Dermal autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; each additional 100 sq cm, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15150	Tissue cultured skin autograft, trunk, arms, legs; first 25 sq cm or less		X	
15151	Tissue cultured skin autograft, trunk, arms, legs; additional 1 sq cm to 75 sq cm (List separately in addition to code for primary procedure)		X	
15152	Tissue cultured skin autograft, trunk, arms, legs; each additional 100 sq cm, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15155	Tissue cultured skin autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; first 25 sq cm or less		X	
15156	Tissue cultured skin autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; additional 1 sq cm to 75 sq cm (List separately in addition to code for primary procedure)		X	
15157	Tissue cultured skin autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; each additional 100 sq cm, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15200	Full thickness graft, free, including direct closure of donor site, trunk; 20 sq cm or less		X	
15201	Full thickness graft, free, including direct closure of donor site, trunk; each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)		X	
15220	Full thickness graft, free, including direct closure of donor site, scalp, arms, and/or legs; 20 sq cm or less		X	
15221	Full thickness graft, free, including direct closure of donor site, scalp, arms, and/or legs; each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)		X	
15240	Full thickness graft, free, including direct closure of donor site, forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands, and/or feet; 20 sq cm or less		X	
15241	Full thickness graft, free, including direct closure of donor site, forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands, and/or feet; each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)		X	
15260	Full thickness graft, free, including direct closure of donor site, nose, ears, eyelids, and/or lips; 20 sq cm or less		X	
15261	Full thickness graft, free, including direct closure of donor site, nose, ears, eyelids, and/or lips; each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)		X	

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15271	Application of skin substitute graft to trunk, arms, legs, total wound surface area up to 100 sq cm; first 25 sq cm or less wound surface area		X	
15272	Application of skin substitute graft to trunk, arms, legs, total wound surface area up to 100 sq cm; each additional 25 sq cm wound surface area, or part thereof (List separately in addition to code for primary procedure)		X	
15273	Application of skin substitute graft to trunk, arms, legs, total wound surface area greater than or equal to 100 sq cm; first 100 sq cm wound surface area, or 1% of body area of infants and children		X	
15274	Application of skin substitute graft to trunk, arms, legs, total wound surface area greater than or equal to 100 sq cm; each additional 100 sq cm wound surface area, or part thereof, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15275	Application of skin substitute graft to face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits, total wound surface area up to 100 sq cm; first 25 sq cm or less wound surface area		X	
15276	Application of skin substitute graft to face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits, total wound surface area up to 100 sq cm; each additional 25 sq cm wound surface area, or part thereof (List separately in addition to code for primary procedure)		X	
15277	Application of skin substitute graft to face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits, total wound surface area greater than or equal to 100 sq cm; first 100 sq cm wound surface area, or 1% of body area of infants and children		X	
15278	Application of skin substitute graft to face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits, total wound surface area greater than or equal to 100 sq cm; each additional 100 sq cm wound surface area, or part thereof, or each additional 1% of body area of infants and children, or part thereof (List separately in addition to code for primary procedure)		X	
15570	Formation of direct or tubed pedicle, with or without transfer; trunk		X	
15572	Formation of direct or tubed pedicle, with or without transfer; scalp, arms, or legs		X	
15574	Formation of direct or tubed pedicle, with or without transfer; forehead, cheeks, chin, mouth, neck, axillae, genitalia, hands or feet		X	
15576	Formation of direct or tubed pedicle, with or without transfer; eyelids, nose, ears, lips, or intraoral		X	
15600	Delay of flap or sectioning of flap (division and inset); at trunk		X	
15610	Delay of flap or sectioning of flap (division and inset); at scalp, arms, or legs		X	
15620	Delay of flap or sectioning of flap (division and inset); at forehead, cheeks, chin, neck, axillae, genitalia, hands, or feet		X	
15630	Delay of flap or sectioning of flap (division and inset); at eyelids, nose, ears, or lips		X	
15650	Transfer, intermediate, of any pedicle flap (eg, abdomen to wrist, Walking tube), any location		X	
15731	Forehead flap with preservation of vascular pedicle (eg, axial pattern flap, paramedian forehead flap)	X		
15732	Muscle, myocutaneous, or fasciocutaneous flap; head and neck (eg, temporalis, masseter muscle, sternocleidomastoid, levator scapulae)	X		
15734	Muscle, myocutaneous, or fasciocutaneous flap; trunk	X		
15736	Muscle, myocutaneous, or fasciocutaneous flap; upper extremity		X	
15738	Muscle, myocutaneous, or fasciocutaneous flap; lower extremity		X	

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15740	Flap; island pedicle requiring identification and dissection of an anatomically named axial vessel		X	
15750	Flap; neurovascular pedicle	X		
15756	Free muscle or myocutaneous flap with microvascular anastomosis	X,O		
15757	Free skin flap with microvascular anastomosis	X,O		
15758	Free fascial flap with microvascular anastomosis	X,O		
15760	Graft; composite (eg, full thickness of external ear or nasal ala), including primary closure, donor area		X	
15770	Graft; derma-fat-fascia		X	
15775	Punch graft for hair transplant; 1 to 15 punch grafts			X
15776	Punch graft for hair transplant; more than 15 punch grafts			X
15777	Implantation of biologic implant (eg, acellular dermal matrix) for soft tissue reinforcement (ie, breast, trunk) (List separately in addition to code for primary procedure)		X	
15780	Dermabrasion; total face (eg, for acne scarring, fine wrinkling, rhytids, general keratosis)			X
15781	Dermabrasion; segmental, face			X
15782	Dermabrasion; regional, other than face			X
15783	Dermabrasion; superficial, any site (eg, tattoo removal)			X
15786	Abrasion; single lesion (eg, keratosis, scar)			X
15787	Abrasion; each additional 4 lesions or less (List separately in addition to code for primary procedure)			X
15788	Chemical peel, facial; epidermal			X
15789	Chemical peel, facial; dermal			X
15792	Chemical peel, nonfacial; epidermal			X
15793	Chemical peel, nonfacial; dermal			X
15819	Cervicoplasty		X	
15820	Blepharoplasty, lower eyelid;			X
15821	Blepharoplasty, lower eyelid; with extensive herniated fat pad			X
15822	Blepharoplasty, upper eyelid;			X
15823	Blepharoplasty, upper eyelid; with excessive skin weighting down lid			X
15824	Rhytidectomy; forehead		X	
15825	Rhytidectomy; neck with platysmal tightening (platysmal flap, P-flap)		X	
15826	Rhytidectomy; glabellar frown lines		X	
15828	Rhytidectomy; cheek, chin, and neck		X	
15829	Rhytidectomy; superficial musculoaponeurotic system (SMAS) flap		X	
15830	Excision, excessive skin and subcutaneous tissue (includes lipectomy); abdomen, infraumbilical panniculectomy		X	
15832	Excision, excessive skin and subcutaneous tissue (includes lipectomy); thigh		X	
15833	Excision, excessive skin and subcutaneous tissue (includes lipectomy); leg		X	
15834	Excision, excessive skin and subcutaneous tissue (includes lipectomy); hip		X	
15835	Excision, excessive skin and subcutaneous tissue (includes lipectomy); buttock		X	
15836	Excision, excessive skin and subcutaneous tissue (includes lipectomy); arm		X	

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15837	Excision, excessive skin and subcutaneous tissue (includes lipectomy); forearm or hand			X
15838	Excision, excessive skin and subcutaneous tissue (includes lipectomy); submental fat pad		X	
15839	Excision, excessive skin and subcutaneous tissue (includes lipectomy); other area			X
15840	Graft for facial nerve paralysis; free fascia graft (including obtaining fascia)	X		
15841	Graft for facial nerve paralysis; free muscle graft (including obtaining graft)	X		
15842	Graft for facial nerve paralysis; free muscle flap by microsurgical technique	X		
15845	Graft for facial nerve paralysis; regional muscle transfer		X	
15847	Excision, excessive skin and subcutaneous tissue (includes lipectomy), abdomen (eg, abdominoplasty) (includes umbilical transposition and fascial plication) (List separately in addition to code for primary procedure)		X	
15850	Removal of sutures under anesthesia (other than local), same surgeon			X
15851	Removal of sutures under anesthesia (other than local), other surgeon			X
15852	Dressing change (for other than burns) under anesthesia (other than local)		X	
15860	Intravenous injection of agent (eg, fluorescein) to test vascular flow in flap or graft			X
15876	Suction assisted lipectomy; head and neck			X
15877	Suction assisted lipectomy; trunk			X
15878	Suction assisted lipectomy; upper extremity			X
15879	Suction assisted lipectomy; lower extremity			X
15920	Excision, coccygeal pressure ulcer, with coccygectomy; with primary suture			X
15922	Excision, coccygeal pressure ulcer, with coccygectomy; with flap closure		X	
15931	Excision, sacral pressure ulcer, with primary suture;			X
15933	Excision, sacral pressure ulcer, with primary suture; with ostectomy		X	
15934	Excision, sacral pressure ulcer, with skin flap closure;		X	
15935	Excision, sacral pressure ulcer, with skin flap closure; with ostectomy		X	
15936	Excision, sacral pressure ulcer, in preparation for muscle or myocutaneous flap or skin graft closure;		X	
15937	Excision, sacral pressure ulcer, in preparation for muscle or myocutaneous flap or skin graft closure; with ostectomy		X	
15940	Excision, ischial pressure ulcer, with primary suture;		X	
15941	Excision, ischial pressure ulcer, with primary suture; with ostectomy (ischiectomy)		X	
15944	Excision, ischial pressure ulcer, with skin flap closure;		X	
15945	Excision, ischial pressure ulcer, with skin flap closure; with ostectomy		X	
15946	Excision, ischial pressure ulcer, with ostectomy, in preparation for muscle or myocutaneous flap or skin graft closure		X	
15950	Excision, trochanteric pressure ulcer, with primary suture;		X	
15951	Excision, trochanteric pressure ulcer, with primary suture; with ostectomy		X	
15952	Excision, trochanteric pressure ulcer, with skin flap closure;		X	
15953	Excision, trochanteric pressure ulcer, with skin flap closure; with ostectomy		X	
15956	Excision, trochanteric pressure ulcer, in preparation for muscle or myocutaneous flap or skin graft closure;		X	
15958	Excision, trochanteric pressure ulcer, in preparation for muscle or myocutaneous flap or skin graft closure; with ostectomy	X		

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16000	Initial treatment, first degree burn, when no more than local treatment is required			X
16020	Dressings and/or debridement of partial-thickness burns, initial or subsequent; small (less than 5% total body surface area)			X
16025	Dressings and/or debridement of partial-thickness burns, initial or subsequent; medium (eg, whole face or whole extremity, or 5% to 10% total body surface area)		X	
16030	Dressings and/or debridement of partial-thickness burns, initial or subsequent; large (eg, more than 1 extremity, or greater than 10% total body surface area)		X	
16035	Escharotomy; initial incision		X	
16036	Escharotomy; each additional incision (List separately in addition to code for primary procedure)		X	
17000	Destruction (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), premalignant lesions (eg, actinic keratoses); first lesion			X
17003	Destruction (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), premalignant lesions (eg, actinic keratoses); second through 14 lesions, each (List separately in addition to code for first lesion)			X
17004	Destruction (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), premalignant lesions (eg, actinic keratoses), 15 or more lesions			X
17106	Destruction of cutaneous vascular proliferative lesions (eg, laser technique); less than 10 sq cm			X
17107	Destruction of cutaneous vascular proliferative lesions (eg, laser technique); 10.0 to 50.0 sq cm		X	
17108	Destruction of cutaneous vascular proliferative lesions (eg, laser technique); over 50.0 sq cm		X	
17110	Destruction (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), of benign lesions other than skin tags or cutaneous vascular proliferative lesions; up to 14 lesions			X
17111	Destruction (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), of benign lesions other than skin tags or cutaneous vascular proliferative lesions; 15 or more lesions			X
17250	Chemical cauterization of granulation tissue (proud flesh, sinus or fistula)			X
17260	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), trunk, arms or legs; lesion diameter 0.5 cm or less			X
17261	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), trunk, arms or legs; lesion diameter 0.6 to 1.0 cm			X
17262	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), trunk, arms or legs; lesion diameter 1.1 to 2.0 cm			X
17263	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), trunk, arms or legs; lesion diameter 2.1 to 3.0 cm			X
17264	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), trunk, arms or legs; lesion diameter 3.1 to 4.0 cm			X
17266	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), trunk, arms or legs; lesion diameter over 4.0 cm		X	

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17270	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), scalp, neck, hands, feet, genitalia; lesion diameter 0.5 cm or less			X
17271	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), scalp, neck, hands, feet, genitalia; lesion diameter 0.6 to 1.0 cm			X
17272	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), scalp, neck, hands, feet, genitalia; lesion diameter 1.1 to 2.0 cm			X
17273	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), scalp, neck, hands, feet, genitalia; lesion diameter 2.1 to 3.0 cm			X
17274	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), scalp, neck, hands, feet, genitalia; lesion diameter 3.1 to 4.0 cm			X
17276	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), scalp, neck, hands, feet, genitalia; lesion diameter over 4.0 cm		X	
17280	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), face, ears, eyelids, nose, lips, mucous membrane; lesion diameter 0.5 cm or less			X
17281	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), face, ears, eyelids, nose, lips, mucous membrane; lesion diameter 0.6 to 1.0 cm			X
17282	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), face, ears, eyelids, nose, lips, mucous membrane; lesion diameter 1.1 to 2.0 cm			X
17283	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), face, ears, eyelids, nose, lips, mucous membrane; lesion diameter 2.1 to 3.0 cm			X
17284	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), face, ears, eyelids, nose, lips, mucous membrane; lesion diameter 3.1 to 4.0 cm		X	
17286	Destruction, malignant lesion (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery, surgical curettement), face, ears, eyelids, nose, lips, mucous membrane; lesion diameter over 4.0 cm		X	
17311	Mohs micrographic technique, including removal of all gross tumor, surgical excision of tissue specimens, mapping, color coding of specimens, microscopic examination of specimens by the surgeon, and histopathologic preparation including routine stain(s) (eg, hematoxylin and eosin, toluidine blue), head, neck, hands, feet, genitalia, or any location with surgery directly involving muscle, cartilage, bone, tendon, major nerves, or vessels; first stage, up to 5 tissue blocks			X
17312	Mohs micrographic technique, including removal of all gross tumor, surgical excision of tissue specimens, mapping, color coding of specimens, microscopic examination of specimens by the surgeon, and histopathologic preparation including routine stain(s) (eg, hematoxylin and eosin, toluidine blue), head, neck, hands, feet, genitalia, or any location with surgery directly involving muscle, cartilage, bone, tendon, major nerves, or vessels; each additional stage after the first stage, up to 5 tissue blocks (List separately in addition to code for primary procedure)			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
17313	Mohs micrographic technique, including removal of all gross tumor, surgical excision of tissue specimens, mapping, color coding of specimens, microscopic examination of specimens by the surgeon, and histopathologic preparation including routine stain(s) (eg, hematoxylin and eosin, toluidine blue), of the trunk, arms, or legs; first stage, up to 5 tissue blocks			X
17314	Mohs micrographic technique, including removal of all gross tumor, surgical excision of tissue specimens, mapping, color coding of specimens, microscopic examination of specimens by the surgeon, and histopathologic preparation including routine stain(s) (eg, hematoxylin and eosin, toluidine blue), of the trunk, arms, or legs; each additional stage after the first stage, up to 5 tissue blocks (List separately in addition to code for primary procedure)			X
17315	Mohs micrographic technique, including removal of all gross tumor, surgical excision of tissue specimens, mapping, color coding of specimens, microscopic examination of specimens by the surgeon, and histopathologic preparation including routine stain(s) (eg, hematoxylin and eosin, toluidine blue), each additional block after the first 5 tissue blocks, any stage (List separately in addition to code for primary procedure)			X
17340	Cryotherapy (CO2 slush, liquid N2) for acne			X
17360	Chemical exfoliation for acne (eg, acne paste, acid)			X
17380	Electrolysis epilation, each 30 minutes			X
19000	Puncture aspiration of cyst of breast;			X
19001	Puncture aspiration of cyst of breast; each additional cyst (List separately in addition to code for primary procedure)			X
19020	Mastotomy with exploration or drainage of abscess, deep			X
19030	Injection procedure only for mammary ductogram or galactogram			X
19081	Biopsy, breast, with placement of breast localization device(s) (eg, clip, metallic pellet), when performed, and imaging of the biopsy specimen, when performed, percutaneous; first lesion, including stereotactic guidance			X
19082	Biopsy, breast, with placement of breast localization device(s) (eg, clip, metallic pellet), when performed, and imaging of the biopsy specimen, when performed, percutaneous; each additional lesion, including stereotactic guidance (List separately in addition to code for primary procedure)			X
19083	Biopsy, breast, with placement of breast localization device(s) (eg, clip, metallic pellet), when performed, and imaging of the biopsy specimen, when performed, percutaneous; first lesion, including ultrasound guidance			X
19084	Biopsy, breast, with placement of breast localization device(s) (eg, clip, metallic pellet), when performed, and imaging of the biopsy specimen, when performed, percutaneous; each additional lesion, including ultrasound guidance (List separately in addition to code for primary procedure)			X
19085	Biopsy, breast, with placement of breast localization device(s) (eg, clip, metallic pellet), when performed, and imaging of the biopsy specimen, when performed, percutaneous; first lesion, including magnetic resonance guidance			X
19086	Biopsy, breast, with placement of breast localization device(s) (eg, clip, metallic pellet), when performed, and imaging of the biopsy specimen, when performed, percutaneous; each additional lesion, including magnetic resonance guidance (List separately in addition to code for primary procedure)			X
19100	Biopsy of breast; percutaneous, needle core, not using imaging guidance (separate procedure)			X
19101	Biopsy of breast; open, incisional			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
19105	Ablation, cryosurgical, of fibroadenoma, including ultrasound guidance, each fibroadenoma			X
19110	Nipple exploration, with or without excision of a solitary lactiferous duct or a papilloma lactiferous duct			X
19112	Excision of lactiferous duct fistula			X
19120	Excision of cyst, fibroadenoma, or other benign or malignant tumor, aberrant breast tissue, duct lesion, nipple or areolar lesion (except 19300), open, male or female, 1 or more lesions			X
19125	Excision of breast lesion identified by preoperative placement of radiological marker, open; single lesion			X
19126	Excision of breast lesion identified by preoperative placement of radiological marker, open; each additional lesion separately identified by a preoperative radiological marker (List separately in addition to code for primary procedure)			X
19260	Excision of chest wall tumor including ribs	X	O	
19271	Excision of chest wall tumor involving ribs, with plastic reconstruction; without mediastinal lymphadenectomy	X	O	
19272	Excision of chest wall tumor involving ribs, with plastic reconstruction; with mediastinal lymphadenectomy	X	O	
19281	Placement of breast localization device(s) (eg, clip, metallic pellet, wire/needle, radioactive seeds), percutaneous; first lesion, including mammographic guidance			X
19282	Placement of breast localization device(s) (eg, clip, metallic pellet, wire/needle, radioactive seeds), percutaneous; each additional lesion, including mammographic guidance (List separately in addition to code for primary procedure)			X
19283	Placement of breast localization device(s) (eg, clip, metallic pellet, wire/needle, radioactive seeds), percutaneous; first lesion, including stereotactic guidance			X
19284	Placement of breast localization device(s) (eg, clip, metallic pellet, wire/needle, radioactive seeds), percutaneous; each additional lesion, including stereotactic guidance (List separately in addition to code for primary procedure)			X
19285	Placement of breast localization device(s) (eg, clip, metallic pellet, wire/needle, radioactive seeds), percutaneous; first lesion, including ultrasound guidance			X
19286	Placement of breast localization device(s) (eg, clip, metallic pellet, wire/needle, radioactive seeds), percutaneous; each additional lesion, including ultrasound guidance (List separately in addition to code for primary procedure)			X
19287	Placement of breast localization device(s) (eg clip, metallic pellet, wire/needle, radioactive seeds), percutaneous; first lesion, including magnetic resonance guidance			X
19288	Placement of breast localization device(s) (eg clip, metallic pellet, wire/needle, radioactive seeds), percutaneous; each additional lesion, including magnetic resonance guidance (List separately in addition to code for primary procedure)			X
19296	Placement of radiotherapy afterloading expandable catheter (single or multichannel) into the breast for interstitial radioelement application following partial mastectomy, includes imaging guidance; on date separate from partial mastectomy			X
19297	Placement of radiotherapy afterloading expandable catheter (single or multichannel) into the breast for interstitial radioelement application following partial mastectomy, includes imaging guidance; concurrent with partial mastectomy (List separately in addition to code for primary procedure)			X
19298	Placement of radiotherapy afterloading brachytherapy catheters (multiple tube and button type) into the breast for interstitial radioelement application following (at the time of or subsequent to) partial mastectomy, includes imaging guidance			X

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19300	Mastectomy for gynecomastia		X	
19301	Mastectomy, partial (eg, lumpectomy, tylectomy, quadrantectomy, segmentectomy);		X	
19302	Mastectomy, partial (eg, lumpectomy, tylectomy, quadrantectomy, segmentectomy); with axillary lymphadenectomy		X	
19303	Mastectomy, simple, complete		X	
19304	Mastectomy, subcutaneous		X	
19305	Mastectomy, radical, including pectoral muscles, axillary lymph nodes	X		
19306	Mastectomy, radical, including pectoral muscles, axillary and internal mammary lymph nodes (Urban type operation)	X		
19307	Mastectomy, modified radical, including axillary lymph nodes, with or without pectoralis minor muscle, but excluding pectoralis major muscle	X		
19316	Mastopexy		X	
19318	Reduction mammoplasty	X		
19324	Mammoplasty, augmentation; without prosthetic implant			X
19325	Mammoplasty, augmentation; with prosthetic implant			X
19328	Removal of intact mammary implant			X
19330	Removal of mammary implant material			X
19340	Immediate insertion of breast prosthesis following mastopexy, mastectomy or in reconstruction			X
19342	Delayed insertion of breast prosthesis following mastopexy, mastectomy or in reconstruction		X	
19350	Nipple/areola reconstruction			X
19355	Correction of inverted nipples			X
19357	Breast reconstruction, immediate or delayed, with tissue expander, including subsequent expansion		X	
19361	Breast reconstruction with latissimus dorsi flap, without prosthetic implant	X		
19364	Breast reconstruction with free flap	X,O		
19366	Breast reconstruction with other technique	X		
19367	Breast reconstruction with transverse rectus abdominis myocutaneous flap (TRAM), single pedicle, including closure of donor site;	X		
19368	Breast reconstruction with transverse rectus abdominis myocutaneous flap (TRAM), single pedicle, including closure of donor site; with microvascular anastomosis (supercharging)	X	O	
19369	Breast reconstruction with transverse rectus abdominis myocutaneous flap (TRAM), double pedicle, including closure of donor site	X	O	
19370	Open periprosthetic capsulotomy, breast			X
19371	Periprosthetic capsulectomy, breast		X	
19380	Revision of reconstructed breast			X
19396	Preparation of moulage for custom breast implant			X
20005	Incision and drainage of soft tissue abscess, subfascial (ie, involves the soft tissue below the deep fascia)		X	
20100	Exploration of penetrating wound (separate procedure); neck	X	O	
20101	Exploration of penetrating wound (separate procedure); chest	X	O	
20102	Exploration of penetrating wound (separate procedure); abdomen/flank/back		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
20103	Exploration of penetrating wound (separate procedure); extremity		X	
20150	Excision of epiphyseal bar, with or without autogenous soft tissue graft obtained through same fascial incision	X		
20200	Biopsy, muscle; superficial			X
20205	Biopsy, muscle; deep		X	
20206	Biopsy, muscle, percutaneous needle			X
20220	Biopsy, bone, trocar, or needle; superficial (eg, ilium, sternum, spinous process, ribs)			X
20225	Biopsy, bone, trocar, or needle; deep (eg, vertebral body, femur)			X
20240	Biopsy, bone, open; superficial (eg, ilium, sternum, spinous process, ribs, trochanter of femur)			X
20245	Biopsy, bone, open; deep (eg, humerus, ischium, femur)		X	
20250	Biopsy, vertebral body, open; thoracic	X		
20251	Biopsy, vertebral body, open; lumbar or cervical	X		
20500	Injection of sinus tract; therapeutic (separate procedure)			X
20501	Injection of sinus tract; diagnostic (sinogram)			X
20520	Removal of foreign body in muscle or tendon sheath; simple			X
20525	Removal of foreign body in muscle or tendon sheath; deep or complicated		X	
20526	Injection, therapeutic (eg, local anesthetic, corticosteroid), carpal tunnel			X
20527	Injection, enzyme (eg, collagenase), palmar fascial cord (ie, Dupuytren's contracture)			X
20550	Injection(s); single tendon sheath, or ligament, aponeurosis (eg, plantar "fascia")			X
20551	Injection(s); single tendon origin/insertion			X
20552	Injection(s); single or multiple trigger point(s), 1 or 2 muscle(s)			X
20553	Injection(s); single or multiple trigger point(s), 3 or more muscles			X
20555	Placement of needles or catheters into muscle and/or soft tissue for subsequent interstitial radioelement application (at the time of or subsequent to the procedure)		X	
20600	Arthrocentesis, aspiration and/or injection, small joint or bursa (eg, fingers, toes); without ultrasound guidance			X
20604	Arthrocentesis, aspiration and/or injection, small joint or bursa (eg, fingers, toes); with ultrasound guidance, with permanent recording and reporting			X
20605	Arthrocentesis, aspiration and/or injection, intermediate joint or bursa (eg, temporomandibular, acromioclavicular, wrist, elbow or ankle, olecranon bursa); without ultrasound guidance			X
20606	Arthrocentesis, aspiration and/or injection, intermediate joint or bursa (eg, temporomandibular, acromioclavicular, wrist, elbow or ankle, olecranon bursa); with ultrasound guidance, with permanent recording and reporting			X
20610	Arthrocentesis, aspiration and/or injection, major joint or bursa (eg, shoulder, hip, knee, subacromial bursa); without ultrasound guidance			X
20611	Arthrocentesis, aspiration and/or injection, major joint or bursa (eg, shoulder, hip, knee, subacromial bursa); with ultrasound guidance, with permanent recording and reporting			X
20612	Aspiration and/or injection of ganglion cyst(s) any location			X
20615	Aspiration and injection for treatment of bone cyst			X
20650	Insertion of wire or pin with application of skeletal traction, including removal (separate procedure)			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
20660	Application of cranial tongs, caliper, or stereotactic frame, including removal (separate procedure)		X	
20661	Application of halo, including removal; cranial		X	
20662	Application of halo, including removal; pelvic		X	
20663	Application of halo, including removal; femoral		X	
20664	Application of halo, including removal, cranial, 6 or more pins placed, for thin skull osteology (eg, pediatric patients, hydrocephalus, osteogenesis imperfecta)		X	
20665	Removal of tongs or halo applied by another individual			X
20670	Removal of implant; superficial (eg, buried wire, pin or rod) (separate procedure)			X
20680	Removal of implant; deep (eg, buried wire, pin, screw, metal band, nail, rod or plate)		X	
20690	Application of a uniplane (pins or wires in 1 plane), unilateral, external fixation system		X	
20692	Application of a multiplane (pins or wires in more than 1 plane), unilateral, external fixation system (eg, Ilizarov, Monticelli type)	X		
20693	Adjustment or revision of external fixation system requiring anesthesia (eg, new pin[s] or wire[s] and/or new ring[s] or bar[s])		X	
20694	Removal, under anesthesia, of external fixation system			X
20696	Application of multiplane (pins or wires in more than 1 plane), unilateral, external fixation with stereotactic computer-assisted adjustment (eg, spatial frame), including imaging; initial and subsequent alignment(s), assessment(s), and computation(s) of adjustment schedule(s)		X	
20697	Application of multiplane (pins or wires in more than 1 plane), unilateral, external fixation with stereotactic computer-assisted adjustment (eg, spatial frame), including imaging; exchange (ie, removal and replacement) of strut, each			X
20802	Replantation, arm (includes surgical neck of humerus through elbow joint), complete amputation	X		
20805	Replantation, forearm (includes radius and ulna to radial carpal joint), complete amputation	X		
20808	Replantation, hand (includes hand through metacarpophalangeal joints), complete amputation	X		
20816	Replantation, digit, excluding thumb (includes metacarpophalangeal joint to insertion of flexor sublimis tendon), complete amputation	X		
20822	Replantation, digit, excluding thumb (includes distal tip to sublimis tendon insertion), complete amputation	X		
20824	Replantation, thumb (includes carpometacarpal joint to MP joint), complete amputation	X		
20827	Replantation, thumb (includes distal tip to MP joint), complete amputation	X		
20838	Replantation, foot, complete amputation	X		
20900	Bone graft, any donor area; minor or small (eg, dowel or button)		X	
20902	Bone graft, any donor area; major or large	X		
20910	Cartilage graft; costochondral		X	
20912	Cartilage graft; nasal septum			X
20920	Fascia lata graft; by stripper		X	
20922	Fascia lata graft; by incision and area exposure, complex or sheet		X	
20924	Tendon graft, from a distance (eg, palmaris, toe extensor, plantaris)		X	
20926	Tissue grafts, other (eg, paratenon, fat, dermis)		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
20930	Allograft, morselized, or placement of osteopromotive material, for spine surgery only (List separately in addition to code for primary procedure)			X
20931	Allograft, structural, for spine surgery only (List separately in addition to code for primary procedure)			X
20936	Autograft for spine surgery only (includes harvesting the graft); local (eg, ribs, spinous process, or laminar fragments) obtained from same incision (List separately in addition to code for primary procedure)	X		
20937	Autograft for spine surgery only (includes harvesting the graft); morselized (through separate skin or fascial incision) (List separately in addition to code for primary procedure)	X		
20938	Autograft for spine surgery only (includes harvesting the graft); structural, bicortical or tricortical (through separate skin or fascial incision) (List separately in addition to code for primary procedure)	X		
20950	Monitoring of interstitial fluid pressure (includes insertion of device, eg, wick catheter technique, needle manometer technique) in detection of muscle compartment syndrome			X
20955	Bone graft with microvascular anastomosis; fibula	X		
20956	Bone graft with microvascular anastomosis; iliac crest	X		
20957	Bone graft with microvascular anastomosis; metatarsal	X		
20962	Bone graft with microvascular anastomosis; other than fibula, iliac crest, or metatarsal	X		
20969	Free osteocutaneous flap with microvascular anastomosis; other than iliac crest, metatarsal, or great toe	X		
20970	Free osteocutaneous flap with microvascular anastomosis; iliac crest	X		
20972	Free osteocutaneous flap with microvascular anastomosis; metatarsal	X		
20973	Free osteocutaneous flap with microvascular anastomosis; great toe with web space	X		
20974	Electrical stimulation to aid bone healing; noninvasive (nonoperative)			X
20975	Electrical stimulation to aid bone healing; invasive (operative)		X	
20979	Low intensity ultrasound stimulation to aid bone healing, noninvasive (nonoperative)			X
20982	Ablation therapy for reduction or eradication of 1 or more bone tumors (eg, metastasis) including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; radiofrequency			X
20983	Ablation therapy for reduction or eradication of 1 or more bone tumors (eg, metastasis) including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; cryoablation			X
20985	Computer-assisted surgical navigational procedure for musculoskeletal procedures, image-less (List separately in addition to code for primary procedure)			X
21010	Arthrotomy, temporomandibular joint		X	
21011	Excision, tumor, soft tissue of face or scalp, subcutaneous; less than 2 cm			X
21012	Excision, tumor, soft tissue of face or scalp, subcutaneous; 2 cm or greater		X	
21013	Excision, tumor, soft tissue of face and scalp, subfascial (eg, subgaleal, intramuscular); less than 2 cm		X	
21014	Excision, tumor, soft tissue of face and scalp, subfascial (eg, subgaleal, intramuscular); 2 cm or greater		X	
21015	Radical resection of tumor (eg, sarcoma), soft tissue of face or scalp; less than 2 cm		X	
21016	Radical resection of tumor (eg, sarcoma), soft tissue of face or scalp; 2 cm or greater		X	
21025	Excision of bone (eg, for osteomyelitis or bone abscess); mandible		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
21026	Excision of bone (eg, for osteomyelitis or bone abscess); facial bone(s)		X	
21029	Removal by contouring of benign tumor of facial bone (eg, fibrous dysplasia)		X	
21030	Excision of benign tumor or cyst of maxilla or zygoma by enucleation and curettage		X	
21031	Excision of torus mandibularis			X
21032	Excision of maxillary torus palatinus			X
21034	Excision of malignant tumor of maxilla or zygoma	X		
21040	Excision of benign tumor or cyst of mandible, by enucleation and/or curettage		X	
21044	Excision of malignant tumor of mandible;	X		
21045	Excision of malignant tumor of mandible; radical resection	X		
21046	Excision of benign tumor or cyst of mandible; requiring intra-oral osteotomy (eg, locally aggressive or destructive lesion[s])	X		
21047	Excision of benign tumor or cyst of mandible; requiring extra-oral osteotomy and partial mandibulectomy (eg, locally aggressive or destructive lesion[s])	X		
21048	Excision of benign tumor or cyst of maxilla; requiring intra-oral osteotomy (eg, locally aggressive or destructive lesion[s])	X		
21049	Excision of benign tumor or cyst of maxilla; requiring extra-oral osteotomy and partial maxillectomy (eg, locally aggressive or destructive lesion[s])	X		
21050	Condylectomy, temporomandibular joint (separate procedure)		X	
21060	Meniscectomy, partial or complete, temporomandibular joint (separate procedure)	X		
21070	Coronoidectomy (separate procedure)		X	
21073	Manipulation of temporomandibular joint(s) (TMJ), therapeutic, requiring an anesthesia service (ie, general or monitored anesthesia care)			X
21076	Impression and custom preparation; surgical obturator prosthesis			X
21077	Impression and custom preparation; orbital prosthesis			X
21079	Impression and custom preparation; interim obturator prosthesis			X
21080	Impression and custom preparation; definitive obturator prosthesis			X
21081	Impression and custom preparation; mandibular resection prosthesis			X
21082	Impression and custom preparation; palatal augmentation prosthesis			X
21083	Impression and custom preparation; palatal lift prosthesis			X
21084	Impression and custom preparation; speech aid prosthesis			X
21085	Impression and custom preparation; oral surgical splint			X
21086	Impression and custom preparation; auricular prosthesis			X
21087	Impression and custom preparation; nasal prosthesis			X
21088	Impression and custom preparation; facial prosthesis			X
21100	Application of halo type appliance for maxillofacial fixation, includes removal (separate procedure)		X	
21110	Application of interdental fixation device for conditions other than fracture or dislocation, includes removal			X
21116	Injection procedure for temporomandibular joint arthrography			X
21120	Genioplasty; augmentation (autograft, allograft, prosthetic material)			X
21121	Genioplasty; sliding osteotomy, single piece		X	
21122	Genioplasty; sliding osteotomies, 2 or more osteotomies (eg, wedge excision or bone wedge reversal for asymmetrical chin)	X		

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21123	Genioplasty; sliding, augmentation with interpositional bone grafts (includes obtaining autografts)	X		
21125	Augmentation, mandibular body or angle; prosthetic material		X	
21127	Augmentation, mandibular body or angle; with bone graft, onlay or interpositional (includes obtaining autograft)	X		
21137	Reduction forehead; contouring only	X		
21138	Reduction forehead; contouring and application of prosthetic material or bone graft (includes obtaining autograft)	X		
21139	Reduction forehead; contouring and setback of anterior frontal sinus wall	X		
21141	Reconstruction midface, LeFort I; single piece, segment movement in any direction (eg, for Long Face Syndrome), without bone graft	X		
21142	Reconstruction midface, LeFort I; 2 pieces, segment movement in any direction, without bone graft	X		
21143	Reconstruction midface, LeFort I; 3 or more pieces, segment movement in any direction, without bone graft	X		
21145	Reconstruction midface, LeFort I; single piece, segment movement in any direction, requiring bone grafts (includes obtaining autografts)	X		
21146	Reconstruction midface, LeFort I; 2 pieces, segment movement in any direction, requiring bone grafts (includes obtaining autografts) (eg, ungrafted unilateral alveolar cleft)	X		
21147	Reconstruction midface, LeFort I; 3 or more pieces, segment movement in any direction, requiring bone grafts (includes obtaining autografts) (eg, ungrafted bilateral alveolar cleft or multiple osteotomies)	X		
21150	Reconstruction midface, LeFort II; anterior intrusion (eg, Treacher-Collins Syndrome)	X		
21151	Reconstruction midface, LeFort II; any direction, requiring bone grafts (includes obtaining autografts)	X		
21154	Reconstruction midface, LeFort III (extracranial), any type, requiring bone grafts (includes obtaining autografts); without LeFort I	X		
21155	Reconstruction midface, LeFort III (extracranial), any type, requiring bone grafts (includes obtaining autografts); with LeFort I	X		
21159	Reconstruction midface, LeFort III (extra and intracranial) with forehead advancement (eg, mono bloc), requiring bone grafts (includes obtaining autografts); without LeFort I	X		
21160	Reconstruction midface, LeFort III (extra and intracranial) with forehead advancement (eg, mono bloc), requiring bone grafts (includes obtaining autografts); with LeFort I	X		
21172	Reconstruction superior-lateral orbital rim and lower forehead, advancement or alteration, with or without grafts (includes obtaining autografts)	X		
21175	Reconstruction, bifrontal, superior-lateral orbital rims and lower forehead, advancement or alteration (eg, plagiocephaly, trigonocephaly, brachycephaly), with or without grafts (includes obtaining autografts)	X		
21179	Reconstruction, entire or majority of forehead and/or supraorbital rims; with grafts (allograft or prosthetic material)	X		
21180	Reconstruction, entire or majority of forehead and/or supraorbital rims; with autograft (includes obtaining grafts)	X		
21181	Reconstruction by contouring of benign tumor of cranial bones (eg, fibrous dysplasia), extracranial	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
21182	Reconstruction of orbital walls, rims, forehead, nasoethmoid complex following intra- and extracranial excision of benign tumor of cranial bone (eg, fibrous dysplasia), with multiple autografts (includes obtaining grafts); total area of bone grafting less than 40 sq cm	X		
21183	Reconstruction of orbital walls, rims, forehead, nasoethmoid complex following intra- and extracranial excision of benign tumor of cranial bone (eg, fibrous dysplasia), with multiple autografts (includes obtaining grafts); total area of bone grafting greater than 40 sq cm but less than 80 sq cm	X		
21184	Reconstruction of orbital walls, rims, forehead, nasoethmoid complex following intra- and extracranial excision of benign tumor of cranial bone (eg, fibrous dysplasia), with multiple autografts (includes obtaining grafts); total area of bone grafting greater than 80 sq cm	X		
21188	Reconstruction midface, osteotomies (other than LeFort type) and bone grafts (includes obtaining autografts)	X		
21193	Reconstruction of mandibular rami, horizontal, vertical, C, or L osteotomy; without bone graft	X		
21194	Reconstruction of mandibular rami, horizontal, vertical, C, or L osteotomy; with bone graft (includes obtaining graft)	X		
21195	Reconstruction of mandibular rami and/or body, sagittal split; without internal rigid fixation	X		
21196	Reconstruction of mandibular rami and/or body, sagittal split; with internal rigid fixation	X		
21198	Osteotomy, mandible, segmental;	X		
21199	Osteotomy, mandible, segmental; with genioglossus advancement	X		
21206	Osteotomy, maxilla, segmental (eg, Wassmund or Schuchard)	X		
21208	Osteoplasty, facial bones; augmentation (autograft, allograft, or prosthetic implant)		X	
21209	Osteoplasty, facial bones; reduction		X	
21210	Graft, bone; nasal, maxillary or malar areas (includes obtaining graft)		X	
21215	Graft, bone; mandible (includes obtaining graft)		X	
21230	Graft; rib cartilage, autogenous, to face, chin, nose or ear (includes obtaining graft)		X	
21235	Graft; ear cartilage, autogenous, to nose or ear (includes obtaining graft)		X	
21240	Arthroplasty, temporomandibular joint, with or without autograft (includes obtaining graft)	X		
21242	Arthroplasty, temporomandibular joint, with allograft	X		
21243	Arthroplasty, temporomandibular joint, with prosthetic joint replacement	X		
21244	Reconstruction of mandible, extraoral, with transosteal bone plate (eg, mandibular staple bone plate)		X	
21245	Reconstruction of mandible or maxilla, subperiosteal implant; partial		X	
21246	Reconstruction of mandible or maxilla, subperiosteal implant; complete		X	
21247	Reconstruction of mandibular condyle with bone and cartilage autografts (includes obtaining grafts) (eg, for hemifacial microsomia)	X		
21248	Reconstruction of mandible or maxilla, endosteal implant (eg, blade, cylinder); partial		X	
21249	Reconstruction of mandible or maxilla, endosteal implant (eg, blade, cylinder); complete		X	
21255	Reconstruction of zygomatic arch and glenoid fossa with bone and cartilage (includes obtaining autografts)	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
21256	Reconstruction of orbit with osteotomies (extracranial) and with bone grafts (includes obtaining autografts) (eg, micro-ophthalmia)	X		
21260	Periorbital osteotomies for orbital hypertelorism, with bone grafts; extracranial approach	X		
21261	Periorbital osteotomies for orbital hypertelorism, with bone grafts; combined intra- and extracranial approach	X		
21263	Periorbital osteotomies for orbital hypertelorism, with bone grafts; with forehead advancement	X		
21267	Orbital repositioning, periorbital osteotomies, unilateral, with bone grafts; extracranial approach	X		
21268	Orbital repositioning, periorbital osteotomies, unilateral, with bone grafts; combined intra- and extracranial approach	X		
21270	Malar augmentation, prosthetic material		X	
21275	Secondary revision of orbitocraniofacial reconstruction	X		
21280	Medial canthopexy (separate procedure)			X
21282	Lateral canthopexy			X
21295	Reduction of masseter muscle and bone (eg, for treatment of benign masseteric hypertrophy); extraoral approach		X	
21296	Reduction of masseter muscle and bone (eg, for treatment of benign masseteric hypertrophy); intraoral approach		X	
21310	Closed treatment of nasal bone fracture without manipulation			X
21315	Closed treatment of nasal bone fracture; without stabilization			X
21320	Closed treatment of nasal bone fracture; with stabilization			X
21325	Open treatment of nasal fracture; uncomplicated			X
21330	Open treatment of nasal fracture; complicated, with internal and/or external skeletal fixation		X	
21335	Open treatment of nasal fracture; with concomitant open treatment of fractured septum		X	
21336	Open treatment of nasal septal fracture, with or without stabilization			X
21337	Closed treatment of nasal septal fracture, with or without stabilization			X
21338	Open treatment of nasoethmoid fracture; without external fixation	X		
21339	Open treatment of nasoethmoid fracture; with external fixation	X		
21340	Percutaneous treatment of nasoethmoid complex fracture, with splint, wire or headcap fixation, including repair of canthal ligaments and/or the nasolacrimal apparatus	X		
21343	Open treatment of depressed frontal sinus fracture		X	
21344	Open treatment of complicated (eg, comminuted or involving posterior wall) frontal sinus fracture, via coronal or multiple approaches	X		
21345	Closed treatment of nasomaxillary complex fracture (LeFort II type), with interdental wire fixation or fixation of denture or splint		X	
21346	Open treatment of nasomaxillary complex fracture (LeFort II type); with wiring and/or local fixation	X		
21347	Open treatment of nasomaxillary complex fracture (LeFort II type); requiring multiple open approaches	X		
21348	Open treatment of nasomaxillary complex fracture (LeFort II type); with bone grafting (includes obtaining graft)	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
21355	Percutaneous treatment of fracture of malar area, including zygomatic arch and malar tripod, with manipulation		X	
21356	Open treatment of depressed zygomatic arch fracture (eg, Gillies approach)			X
21360	Open treatment of depressed malar fracture, including zygomatic arch and malar tripod		X	
21365	Open treatment of complicated (eg, comminuted or involving cranial nerve foramina) fracture(s) of malar area, including zygomatic arch and malar tripod; with internal fixation and multiple surgical approaches	X		
21366	Open treatment of complicated (eg, comminuted or involving cranial nerve foramina) fracture(s) of malar area, including zygomatic arch and malar tripod; with bone grafting (includes obtaining graft)	X		
21385	Open treatment of orbital floor blowout fracture; transantral approach (Caldwell-Luc type operation)		X	
21386	Open treatment of orbital floor blowout fracture; periorbital approach		X	
21387	Open treatment of orbital floor blowout fracture; combined approach		X	
21390	Open treatment of orbital floor blowout fracture; periorbital approach, with alloplastic or other implant		X	
21395	Open treatment of orbital floor blowout fracture; periorbital approach with bone graft (includes obtaining graft)	X		
21400	Closed treatment of fracture of orbit, except blowout; without manipulation			X
21401	Closed treatment of fracture of orbit, except blowout; with manipulation		X	
21406	Open treatment of fracture of orbit, except blowout; without implant	X		
21407	Open treatment of fracture of orbit, except blowout; with implant	X		
21408	Open treatment of fracture of orbit, except blowout; with bone grafting (includes obtaining graft)	X		
21421	Closed treatment of palatal or maxillary fracture (LeFort I type), with interdental wire fixation or fixation of denture or splint		X	
21422	Open treatment of palatal or maxillary fracture (LeFort I type);		X	
21423	Open treatment of palatal or maxillary fracture (LeFort I type); complicated (comminuted or involving cranial nerve foramina), multiple approaches	X		
21431	Closed treatment of craniofacial separation (LeFort III type) using interdental wire fixation of denture or splint	X		
21432	Open treatment of craniofacial separation (LeFort III type); with wiring and/or internal fixation	X		
21433	Open treatment of craniofacial separation (LeFort III type); complicated (eg, comminuted or involving cranial nerve foramina), multiple surgical approaches	X		
21435	Open treatment of craniofacial separation (LeFort III type); complicated, utilizing internal and/or external fixation techniques (eg, head cap, halo device, and/or intermaxillary fixation)	X		
21436	Open treatment of craniofacial separation (LeFort III type); complicated, multiple surgical approaches, internal fixation, with bone grafting (includes obtaining graft)	X		
21440	Closed treatment of mandibular or maxillary alveolar ridge fracture (separate procedure)		X	
21445	Open treatment of mandibular or maxillary alveolar ridge fracture (separate procedure)		X	
21450	Closed treatment of mandibular fracture; without manipulation		X	
21451	Closed treatment of mandibular fracture; with manipulation		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
21452	Percutaneous treatment of mandibular fracture, with external fixation		X	
21453	Closed treatment of mandibular fracture with interdental fixation		X	
21454	Open treatment of mandibular fracture with external fixation	X		
21461	Open treatment of mandibular fracture; without interdental fixation	X		
21462	Open treatment of mandibular fracture; with interdental fixation	X		
21465	Open treatment of mandibular condylar fracture	X		
21470	Open treatment of complicated mandibular fracture by multiple surgical approaches including internal fixation, interdental fixation, and/or wiring of dentures or splints	X		
21480	Closed treatment of temporomandibular dislocation; initial or subsequent			X
21485	Closed treatment of temporomandibular dislocation; complicated (eg, recurrent requiring intermaxillary fixation or splinting), initial or subsequent			X
21490	Open treatment of temporomandibular dislocation	X		
21495	Open treatment of hyoid fracture		X	
21497	Interdental wiring, for condition other than fracture		X	
21501	Incision and drainage, deep abscess or hematoma, soft tissues of neck or thorax;		X	
21502	Incision and drainage, deep abscess or hematoma, soft tissues of neck or thorax; with partial rib osteotomy		X	
21510	Incision, deep, with opening of bone cortex (eg, for osteomyelitis or bone abscess), thorax		X	
21550	Biopsy, soft tissue of neck or thorax		X	
21552	Excision, tumor, soft tissue of neck or anterior thorax, subcutaneous; 3 cm or greater		X	
21554	Excision, tumor, soft tissue of neck or anterior thorax, subfascial (eg, intramuscular); 5 cm or greater	X		
21555	Excision, tumor, soft tissue of neck or anterior thorax, subcutaneous; less than 3 cm		X	
21556	Excision, tumor, soft tissue of neck or anterior thorax, subfascial (eg, intramuscular); less than 5 cm		X	
21557	Radical resection of tumor (eg, sarcoma), soft tissue of neck or anterior thorax; less than 5 cm		X	
21558	Radical resection of tumor (eg, sarcoma), soft tissue of neck or anterior thorax; 5 cm or greater	X		
21600	Excision of rib, partial	X		
21610	Costotransversectomy (separate procedure)	X		
21615	Excision first and/or cervical rib;	X	O	
21616	Excision first and/or cervical rib; with sympathectomy	X	O	
21620	Osteotomy of sternum, partial		X	
21627	Sternal debridement		X	
21630	Radical resection of sternum;	X	O	
21632	Radical resection of sternum; with mediastinal lymphadenectomy	X	O	
21685	Hyoid myotomy and suspension		X	
21700	Division of scalenus anticus; without resection of cervical rib		X	
21705	Division of scalenus anticus; with resection of cervical rib	X		
21720	Division of sternocleidomastoid for torticollis, open operation; without cast application		X	
21725	Division of sternocleidomastoid for torticollis, open operation; with cast application		X	
21740	Reconstructive repair of pectus excavatum or carinatum; open	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
21742	Reconstructive repair of pectus excavatum or carinatum; minimally invasive approach (Nuss procedure), without thoracoscopy	X		
21743	Reconstructive repair of pectus excavatum or carinatum; minimally invasive approach (Nuss procedure), with thoracoscopy	X		
21750	Closure of median sternotomy separation with or without debridement (separate procedure)	X		
21811	Open treatment of rib fracture(s) with internal fixation, includes thoracoscopic visualization when performed, unilateral; 1-3 ribs	X		
21812	Open treatment of rib fracture(s) with internal fixation, includes thoracoscopic visualization when performed, unilateral; 4-6 ribs	X		
21813	Open treatment of rib fracture(s) with internal fixation, includes thoracoscopic visualization when performed, unilateral; 7 or more ribs	X		
21820	Closed treatment of sternum fracture			X
21825	Open treatment of sternum fracture with or without skeletal fixation		X	
21920	Biopsy, soft tissue of back or flank; superficial			X
21925	Biopsy, soft tissue of back or flank; deep			X
21930	Excision, tumor, soft tissue of back or flank, subcutaneous; less than 3 cm			X
21931	Excision, tumor, soft tissue of back or flank, subcutaneous; 3 cm or greater		X	
21932	Excision, tumor, soft tissue of back or flank, subfascial (eg, intramuscular); less than 5 cm		X	
21933	Excision, tumor, soft tissue of back or flank, subfascial (eg, intramuscular); 5 cm or greater		X	
21935	Radical resection of tumor (eg, sarcoma), soft tissue of back or flank; less than 5 cm		X	
21936	Radical resection of tumor (eg, sarcoma), soft tissue of back or flank; 5 cm or greater	X		
22010	Incision and drainage, open, of deep abscess (subfascial), posterior spine; cervical, thoracic, or cervicothoracic		X	
22015	Incision and drainage, open, of deep abscess (subfascial), posterior spine; lumbar, sacral, or lumbosacral		X	
22100	Partial excision of posterior vertebral component (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; cervical		X	
22101	Partial excision of posterior vertebral component (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; thoracic		X	
22102	Partial excision of posterior vertebral component (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; lumbar		X	
22103	Partial excision of posterior vertebral component (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; each additional segment (List separately in addition to code for primary procedure)	X	O	
22110	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; cervical	X		
22112	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; thoracic	X		
22114	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; lumbar	X		
22116	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; each additional vertebral segment (List separately in addition to code for primary procedure)	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
22206	Osteotomy of spine, posterior or posterolateral approach, 3 columns, 1 vertebral segment (eg, pedicle/vertebral body subtraction); thoracic	X		
22207	Osteotomy of spine, posterior or posterolateral approach, 3 columns, 1 vertebral segment (eg, pedicle/vertebral body subtraction); lumbar	X		
22208	Osteotomy of spine, posterior or posterolateral approach, 3 columns, 1 vertebral segment (eg, pedicle/vertebral body subtraction); each additional vertebral segment (List separately in addition to code for primary procedure)	X		
22210	Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; cervical	X		
22212	Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; thoracic	X		
22214	Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; lumbar	X		
22216	Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; each additional vertebral segment (List separately in addition to primary procedure)	X		
22220	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; cervical	X		
22222	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; thoracic	X		
22224	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; lumbar	X		
22226	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; each additional vertebral segment (List separately in addition to code for primary procedure)	X		
22305	Closed treatment of vertebral process fracture(s)			X
22310	Closed treatment of vertebral body fracture(s), without manipulation, requiring and including casting or bracing			X
22315	Closed treatment of vertebral fracture(s) and/or dislocation(s) requiring casting or bracing, with and including casting and/or bracing by manipulation or traction			X
22318	Open treatment and/or reduction of odontoid fracture(s) and or dislocation(s) (including os odontoideum), anterior approach, including placement of internal fixation; without grafting	X		
22319	Open treatment and/or reduction of odontoid fracture(s) and or dislocation(s) (including os odontoideum), anterior approach, including placement of internal fixation; with grafting	X		
22325	Open treatment and/or reduction of vertebral fracture(s) and/or dislocation(s), posterior approach, 1 fractured vertebra or dislocated segment; lumbar	X		
22326	Open treatment and/or reduction of vertebral fracture(s) and/or dislocation(s), posterior approach, 1 fractured vertebra or dislocated segment; cervical	X		
22327	Open treatment and/or reduction of vertebral fracture(s) and/or dislocation(s), posterior approach, 1 fractured vertebra or dislocated segment; thoracic	X		
22328	Open treatment and/or reduction of vertebral fracture(s) and/or dislocation(s), posterior approach, 1 fractured vertebra or dislocated segment; each additional fractured vertebra or dislocated segment (List separately in addition to code for primary procedure)	X		
22505	Manipulation of spine requiring anesthesia, any region			X
22510	Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; cervicothoracic			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
22511	Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; lumbosacral			X
22512	Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; each additional cervicothoracic or lumbosacral vertebral body (List separately in addition to code for primary procedure)			X
22513	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; thoracic			X
22514	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; lumbar			X
22515	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; each additional thoracic or lumbar vertebral body (List separately in addition to code for primary procedure)			X
22526	Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; single level			X
22527	Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; 1 or more additional levels (List separately in addition to code for primary procedure)			X
22532	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic	X		
22533	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar	X		
22534	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic or lumbar, each additional vertebral segment (List separately in addition to code for primary procedure)	X		
22548	Arthrodesis, anterior transoral or extraoral technique, clivus-C1-C2 (atlas-axis), with or without excision of odontoid process	X		
22551	Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophylectomy and decompression of spinal cord and/or nerve roots; cervical below C2	X		
22552	Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophylectomy and decompression of spinal cord and/or nerve roots; cervical below C2, each additional interspace (List separately in addition to code for separate procedure)	X		
22554	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); cervical below C2	X		
22556	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic	X		
22558	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar	X		
22585	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); each additional interspace (List separately in addition to code for primary procedure)	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
22586	Arthrodesis, pre-sacral interbody technique, including disc space preparation, discectomy, with posterior instrumentation, with image guidance, includes bone graft when performed, L5-S1 interspace			
22590	Arthrodesis, posterior technique, craniocervical (occiput-C2)	X		
22595	Arthrodesis, posterior technique, atlas-axis (C1-C2)	X		
22600	Arthrodesis, posterior or posterolateral technique, single level; cervical below C2 segment	X		
22610	Arthrodesis, posterior or posterolateral technique, single level; thoracic (with lateral transverse technique, when performed)	X		
22612	Arthrodesis, posterior or posterolateral technique, single level; lumbar (with lateral transverse technique, when performed)	X		
22614	Arthrodesis, posterior or posterolateral technique, single level; each additional vertebral segment (List separately in addition to code for primary procedure)	X		
22630	Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar	X		
22632	Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; each additional interspace (List separately in addition to code for primary procedure)	X		
22633	Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace and segment; lumbar	X		
22634	Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace and segment; each additional interspace and segment (List separately in addition to code for primary procedure)	X		
22800	Arthrodesis, posterior, for spinal deformity, with or without cast; up to 6 vertebral segments	X	O	
22802	Arthrodesis, posterior, for spinal deformity, with or without cast; 7 to 12 vertebral segments	X	O	
22804	Arthrodesis, posterior, for spinal deformity, with or without cast; 13 or more vertebral segments	X	O	
22808	Arthrodesis, anterior, for spinal deformity, with or without cast; 2 to 3 vertebral segments	X		
22810	Arthrodesis, anterior, for spinal deformity, with or without cast; 4 to 7 vertebral segments	X	O	
22812	Arthrodesis, anterior, for spinal deformity, with or without cast; 8 or more vertebral segments	X	O	
22818	Kyphectomy, circumferential exposure of spine and resection of vertebral segment(s) (including body and posterior elements); single or 2 segments	X	O	
22819	Kyphectomy, circumferential exposure of spine and resection of vertebral segment(s) (including body and posterior elements); 3 or more segments	X	O	
22830	Exploration of spinal fusion	X		
22840	Posterior non-segmental instrumentation (eg, Harrington rod technique, pedicle fixation across 1 interspace, atlantoaxial transarticular screw fixation, sublaminar wiring at C1, facet screw fixation) (List separately in addition to code for primary procedure)	X		
22841	Internal spinal fixation by wiring of spinous processes (List separately in addition to code for primary procedure)	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
22842	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 3 to 6 vertebral segments (List separately in addition to code for primary procedure)	X		
22843	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 7 to 12 vertebral segments (List separately in addition to code for primary procedure)	X		
22844	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 13 or more vertebral segments (List separately in addition to code for primary procedure)	X		
22845	Anterior instrumentation; 2 to 3 vertebral segments (List separately in addition to code for primary procedure)	X		
22846	Anterior instrumentation; 4 to 7 vertebral segments (List separately in addition to code for primary procedure)	X	O	
22847	Anterior instrumentation; 8 or more vertebral segments (List separately in addition to code for primary procedure)	X	O	
22848	Pelvic fixation (attachment of caudal end of instrumentation to pelvic bony structures) other than sacrum (List separately in addition to code for primary procedure)	X		
22849	Reinsertion of spinal fixation device	X		
22850	Removal of posterior nonsegmental instrumentation (eg, Harrington rod)	X		
22851	Application of intervertebral biomechanical device(s) (eg, synthetic cage(s), methylmethacrylate) to vertebral defect or interspace (List separately in addition to code for primary procedure)	X		
22852	Removal of posterior segmental instrumentation	X		
22855	Removal of anterior instrumentation	X		
22856	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophylectomy for nerve root or spinal cord decompression and microdissection); single interspace, cervical	X		
22857	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression), single interspace, lumbar	X		
22858	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophylectomy for nerve root or spinal cord decompression and microdissection); second level, cervical (List separately in addition to code for primary procedure)	X		
22861	Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, single interspace; cervical	X		
22862	Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, single interspace; lumbar	X		
22864	Removal of total disc arthroplasty (artificial disc), anterior approach, single interspace; cervical	X		
22865	Removal of total disc arthroplasty (artificial disc), anterior approach, single interspace; lumbar	X		
22900	Excision, tumor, soft tissue of abdominal wall, subfascial (eg, intramuscular); less than 5 cm		X	
22901	Excision, tumor, soft tissue of abdominal wall, subfascial (eg, intramuscular); 5 cm or greater		X	
22902	Excision, tumor, soft tissue of abdominal wall, subcutaneous; less than 3 cm			X
22903	Excision, tumor, soft tissue of abdominal wall, subcutaneous; 3 cm or greater		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
22904	Radical resection of tumor (eg, sarcoma), soft tissue of abdominal wall; less than 5 cm		X	
22905	Radical resection of tumor (eg, sarcoma), soft tissue of abdominal wall; 5 cm or greater	X		
23000	Removal of subdeltoid calcareous deposits, open		X	
23020	Capsular contracture release (eg, Sever type procedure)	X		
23030	Incision and drainage, shoulder area; deep abscess or hematoma			X
23031	Incision and drainage, shoulder area; infected bursa			X
23035	Incision, bone cortex (eg, osteomyelitis or bone abscess), shoulder area		X	
23040	Arthrotomy, glenohumeral joint, including exploration, drainage, or removal of foreign body		X	
23044	Arthrotomy, acromioclavicular, sternoclavicular joint, including exploration, drainage, or removal of foreign body			X
23065	Biopsy, soft tissue of shoulder area; superficial			X
23066	Biopsy, soft tissue of shoulder area; deep		X	
23071	Excision, tumor, soft tissue of shoulder area, subcutaneous; 3 cm or greater		X	
23073	Excision, tumor, soft tissue of shoulder area, subfascial (eg, intramuscular); 5 cm or greater		X	
23075	Excision, tumor, soft tissue of shoulder area, subcutaneous; less than 3 cm			X
23076	Excision, tumor, soft tissue of shoulder area, subfascial (eg, intramuscular); less than 5 cm		X	
23077	Radical resection of tumor (eg, sarcoma), soft tissue of shoulder area; less than 5 cm		X	
23078	Radical resection of tumor (eg, sarcoma), soft tissue of shoulder area; 5 cm or greater	X		
23100	Arthrotomy, glenohumeral joint, including biopsy		X	
23101	Arthrotomy, acromioclavicular joint or sternoclavicular joint, including biopsy and/or excision of torn cartilage			X
23105	Arthrotomy; glenohumeral joint, with synovectomy, with or without biopsy		X	
23106	Arthrotomy; sternoclavicular joint, with synovectomy, with or without biopsy			X
23107	Arthrotomy, glenohumeral joint, with joint exploration, with or without removal of loose or foreign body		X	
23120	Claviculectomy; partial		X	
23125	Claviculectomy; total		X	
23130	Acromioplasty or acromionectomy, partial, with or without coracoacromial ligament release			X
23140	Excision or curettage of bone cyst or benign tumor of clavicle or scapula;			X
23145	Excision or curettage of bone cyst or benign tumor of clavicle or scapula; with autograft (includes obtaining graft)	X		
23146	Excision or curettage of bone cyst or benign tumor of clavicle or scapula; with allograft		X	
23150	Excision or curettage of bone cyst or benign tumor of proximal humerus;		X	
23155	Excision or curettage of bone cyst or benign tumor of proximal humerus; with autograft (includes obtaining graft)	X		
23156	Excision or curettage of bone cyst or benign tumor of proximal humerus; with allograft	X		
23170	Sequestrectomy (eg, for osteomyelitis or bone abscess), clavicle			X
23172	Sequestrectomy (eg, for osteomyelitis or bone abscess), scapula		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
23174	Sequestrectomy (eg, for osteomyelitis or bone abscess), humeral head to surgical neck		X	
23180	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), clavicle			X
23182	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), scapula		X	
23184	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), proximal humerus		X	
23190	Ostectomy of scapula, partial (eg, superior medial angle)		X	
23195	Resection, humeral head	X		
23200	Radical resection of tumor; clavicle	X		
23210	Radical resection of tumor; scapula	X		
23220	Radical resection of tumor, proximal humerus	X		
23330	Removal of foreign body, shoulder; subcutaneous			X
23333	Removal of foreign body, shoulder; deep (subfascial or intramuscular)	X		
23334	Removal of prosthesis, includes debridement and synovectomy when performed; humeral or glenoid component	X		
23335	Removal of prosthesis, includes debridement and synovectomy when performed; humeral and glenoid components (eg, total shoulder)	X		
23350	Injection procedure for shoulder arthrography or enhanced CT/MRI shoulder arthrography			X
23395	Muscle transfer, any type, shoulder or upper arm; single		X	
23397	Muscle transfer, any type, shoulder or upper arm; multiple		X	
23400	Scapulopexy (eg, Sprengels deformity or for paralysis)	X		
23405	Tenotomy, shoulder area; single tendon	X		
23406	Tenotomy, shoulder area; multiple tendons through same incision	X		
23410	Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; acute	X		
23412	Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; chronic	X		
23415	Coracoacromial ligament release, with or without acromioplasty		X	
23420	Reconstruction of complete shoulder (rotator) cuff avulsion, chronic (includes acromioplasty)	X		
23430	Tenodesis of long tendon of biceps		X	
23440	Resection or transplantation of long tendon of biceps		X	
23450	Capsulorrhaphy, anterior; Putti-Platt procedure or Magnuson type operation	X		
23455	Capsulorrhaphy, anterior; with labral repair (eg, Bankart procedure)	X		
23460	Capsulorrhaphy, anterior, any type; with bone block	X		
23462	Capsulorrhaphy, anterior, any type; with coracoid process transfer	X		
23465	Capsulorrhaphy, glenohumeral joint, posterior, with or without bone block	X		
23466	Capsulorrhaphy, glenohumeral joint, any type multi-directional instability	X		
23470	Arthroplasty, glenohumeral joint; hemiarthroplasty	X		
23472	Arthroplasty, glenohumeral joint; total shoulder (glenoid and proximal humeral replacement (eg, total shoulder))	X		
23473	Revision of total shoulder arthroplasty, including allograft when performed; humeral or glenoid component	X		

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23474	Revision of total shoulder arthroplasty, including allograft when performed; humeral and glenoid component	X		
23480	Osteotomy, clavicle, with or without internal fixation;	X		
23485	Osteotomy, clavicle, with or without internal fixation; with bone graft for nonunion or malunion (includes obtaining graft and/or necessary fixation)	X		
23490	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; clavicle	X		
23491	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; proximal humerus	X		
23500	Closed treatment of clavicular fracture; without manipulation			X
23505	Closed treatment of clavicular fracture; with manipulation			X
23515	Open treatment of clavicular fracture, includes internal fixation, when performed	X		
23520	Closed treatment of sternoclavicular dislocation; without manipulation			X
23525	Closed treatment of sternoclavicular dislocation; with manipulation			X
23530	Open treatment of sternoclavicular dislocation, acute or chronic;		X	
23532	Open treatment of sternoclavicular dislocation, acute or chronic; with fascial graft (includes obtaining graft)		X	
23540	Closed treatment of acromioclavicular dislocation; without manipulation			X
23545	Closed treatment of acromioclavicular dislocation; with manipulation			X
23550	Open treatment of acromioclavicular dislocation, acute or chronic;		X	
23552	Open treatment of acromioclavicular dislocation, acute or chronic; with fascial graft (includes obtaining graft)		X	
23570	Closed treatment of scapular fracture; without manipulation			X
23575	Closed treatment of scapular fracture; with manipulation, with or without skeletal traction (with or without shoulder joint involvement)			X
23585	Open treatment of scapular fracture (body, glenoid or acromion) includes internal fixation, when performed	X		
23600	Closed treatment of proximal humeral (surgical or anatomical neck) fracture; without manipulation			X
23605	Closed treatment of proximal humeral (surgical or anatomical neck) fracture; with manipulation, with or without skeletal traction			X
23615	Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed;	X		
23616	Open treatment of proximal humeral (surgical or anatomical neck) fracture, includes internal fixation, when performed, includes repair of tuberosity(s), when performed; with proximal humeral prosthetic replacement	X		
23620	Closed treatment of greater humeral tuberosity fracture; without manipulation			X
23625	Closed treatment of greater humeral tuberosity fracture; with manipulation			X
23630	Open treatment of greater humeral tuberosity fracture, includes internal fixation, when performed	X		
23650	Closed treatment of shoulder dislocation, with manipulation; without anesthesia			X
23655	Closed treatment of shoulder dislocation, with manipulation; requiring anesthesia			X
23660	Open treatment of acute shoulder dislocation	X		
23665	Closed treatment of shoulder dislocation, with fracture of greater humeral tuberosity, with manipulation			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
23670	Open treatment of shoulder dislocation, with fracture of greater humeral tuberosity, includes internal fixation, when performed	X		
23675	Closed treatment of shoulder dislocation, with surgical or anatomical neck fracture, with manipulation		X	
23680	Open treatment of shoulder dislocation, with surgical or anatomical neck fracture, includes internal fixation, when performed	X		
23700	Manipulation under anesthesia, shoulder joint, including application of fixation apparatus (dislocation excluded)			X
23800	Arthrodesis, glenohumeral joint;	X		
23802	Arthrodesis, glenohumeral joint; with autogenous graft (includes obtaining graft)	X		
23900	Interthoracoscapular amputation (forequarter)	X		
23920	Disarticulation of shoulder;	X		
23921	Disarticulation of shoulder; secondary closure or scar revision			X
23930	Incision and drainage, upper arm or elbow area; deep abscess or hematoma		X	
23931	Incision and drainage, upper arm or elbow area; bursa		X	
23935	Incision, deep, with opening of bone cortex (eg, for osteomyelitis or bone abscess), humerus or elbow		X	
24000	Arthrotomy, elbow, including exploration, drainage, or removal of foreign body		X	
24006	Arthrotomy of the elbow, with capsular excision for capsular release (separate procedure)	X		
24065	Biopsy, soft tissue of upper arm or elbow area; superficial			X
24066	Biopsy, soft tissue of upper arm or elbow area; deep (subfascial or intramuscular)		X	
24071	Excision, tumor, soft tissue of upper arm or elbow area, subcutaneous; 3 cm or greater		X	
24073	Excision, tumor, soft tissue of upper arm or elbow area, subfascial (eg, intramuscular); 5 cm or greater		X	
24075	Excision, tumor, soft tissue of upper arm or elbow area, subcutaneous; less than 3 cm			X
24076	Excision, tumor, soft tissue of upper arm or elbow area, subfascial (eg, intramuscular); less than 5 cm		X	
24077	Radical resection of tumor (eg, sarcoma), soft tissue of upper arm or elbow area; less than 5 cm	X		
24079	Radical resection of tumor (eg, sarcoma), soft tissue of upper arm or elbow area; 5 cm or greater	X		
24100	Arthrotomy, elbow; with synovial biopsy only		X	
24101	Arthrotomy, elbow; with joint exploration, with or without biopsy, with or without removal of loose or foreign body		X	
24102	Arthrotomy, elbow; with synovectomy		X	
24105	Excision, olecranon bursa		X	
24110	Excision or curettage of bone cyst or benign tumor, humerus;		X	
24115	Excision or curettage of bone cyst or benign tumor, humerus; with autograft (includes obtaining graft)		X	
24116	Excision or curettage of bone cyst or benign tumor, humerus; with allograft		X	
24120	Excision or curettage of bone cyst or benign tumor of head or neck of radius or olecranon process;		X	
24125	Excision or curettage of bone cyst or benign tumor of head or neck of radius or olecranon process; with autograft (includes obtaining graft)		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
24126	Excision or curettage of bone cyst or benign tumor of head or neck of radius or olecranon process; with allograft		X	
24130	Excision, radial head		X	
24134	Sequestrectomy (eg, for osteomyelitis or bone abscess), shaft or distal humerus		X	
24136	Sequestrectomy (eg, for osteomyelitis or bone abscess), radial head or neck		X	
24138	Sequestrectomy (eg, for osteomyelitis or bone abscess), olecranon process		X	
24140	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), humerus		X	
24145	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), radial head or neck		X	
24147	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), olecranon process		X	
24149	Radical resection of capsule, soft tissue, and heterotopic bone, elbow, with contracture release (separate procedure)	X		
24150	Radical resection of tumor, shaft or distal humerus	X		
24152	Radical resection of tumor, radial head or neck	X		
24155	Resection of elbow joint (arthrectomy)	X		
24160	Removal of prosthesis, includes debridement and synovectomy when performed; humeral and ulnar components	X		
24164	Removal of prosthesis, includes debridement and synovectomy when performed; radial head		X	
24200	Removal of foreign body, upper arm or elbow area; subcutaneous		X	
24201	Removal of foreign body, upper arm or elbow area; deep (subfascial or intramuscular)		X	
24220	Injection procedure for elbow arthrography			X
24300	Manipulation, elbow, under anesthesia			X
24301	Muscle or tendon transfer, any type, upper arm or elbow, single (excluding 24320-24331)		X	
24305	Tendon lengthening, upper arm or elbow, each tendon		X	
24310	Tenotomy, open, elbow to shoulder, each tendon		X	
24320	Tenoplasty, with muscle transfer, with or without free graft, elbow to shoulder, single (Seddon-Brookes type procedure)	X		
24330	Flexor-plasty, elbow (eg, Steindler type advancement);	X		
24331	Flexor-plasty, elbow (eg, Steindler type advancement); with extensor advancement	X		
24332	Tenolysis, triceps		X	
24340	Tenodesis of biceps tendon at elbow (separate procedure)	X		
24341	Repair, tendon or muscle, upper arm or elbow, each tendon or muscle, primary or secondary (excludes rotator cuff)		X	
24342	Reinsertion of ruptured biceps or triceps tendon, distal, with or without tendon graft		X	
24343	Repair lateral collateral ligament, elbow, with local tissue	X		
24344	Reconstruction lateral collateral ligament, elbow, with tendon graft (includes harvesting of graft)	X		
24345	Repair medial collateral ligament, elbow, with local tissue	X		
24346	Reconstruction medial collateral ligament, elbow, with tendon graft (includes harvesting of graft)	X		

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24357	Tenotomy, elbow, lateral or medial (eg, epicondylitis, tennis elbow, golfer's elbow); percutaneous		X	
24358	Tenotomy, elbow, lateral or medial (eg, epicondylitis, tennis elbow, golfer's elbow); debridement, soft tissue and/or bone, open		X	
24359	Tenotomy, elbow, lateral or medial (eg, epicondylitis, tennis elbow, golfer's elbow); debridement, soft tissue and/or bone, open with tendon repair or reattachment		X	
24360	Arthroplasty, elbow; with membrane (eg, fascial)		X	
24361	Arthroplasty, elbow; with distal humeral prosthetic replacement	X		
24362	Arthroplasty, elbow; with implant and fascia lata ligament reconstruction	X		
24363	Arthroplasty, elbow; with distal humerus and proximal ulnar prosthetic replacement (eg, total elbow)	X		
24365	Arthroplasty, radial head;		X	
24366	Arthroplasty, radial head; with implant		X	
24370	Revision of total elbow arthroplasty, including allograft when performed; humeral or ulnar component	X		
24371	Revision of total elbow arthroplasty, including allograft when performed; humeral and ulnar component	X		
24400	Osteotomy, humerus, with or without internal fixation	X		
24410	Multiple osteotomies with realignment on intramedullary rod, humeral shaft (Sofield type procedure)	X		
24420	Osteoplasty, humerus (eg, shortening or lengthening) (excluding 64876)	X		
24430	Repair of nonunion or malunion, humerus; without graft (eg, compression technique)	X		
24435	Repair of nonunion or malunion, humerus; with iliac or other autograft (includes obtaining graft)	X		
24470	Hemiepiphyseal arrest (eg, cubitus varus or valgus, distal humerus)		X	
24495	Decompression fasciotomy, forearm, with brachial artery exploration		X	
24498	Prophylactic treatment (nailing, pinning, plating or wiring), with or without methylmethacrylate, humeral shaft		X	
24500	Closed treatment of humeral shaft fracture; without manipulation			X
24505	Closed treatment of humeral shaft fracture; with manipulation, with or without skeletal traction			X
24515	Open treatment of humeral shaft fracture with plate/screws, with or without cerclage		X	
24516	Treatment of humeral shaft fracture, with insertion of intramedullary implant, with or without cerclage and/or locking screws		X	
24530	Closed treatment of supracondylar or transcondylar humeral fracture, with or without intercondylar extension; without manipulation			X
24535	Closed treatment of supracondylar or transcondylar humeral fracture, with or without intercondylar extension; with manipulation, with or without skin or skeletal traction			X
24538	Percutaneous skeletal fixation of supracondylar or transcondylar humeral fracture, with or without intercondylar extension		X	
24545	Open treatment of humeral supracondylar or transcondylar fracture, includes internal fixation, when performed; without intercondylar extension	X		
24546	Open treatment of humeral supracondylar or transcondylar fracture, includes internal fixation, when performed; with intercondylar extension	X		
24560	Closed treatment of humeral epicondylar fracture, medial or lateral; without manipulation			X

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24565	Closed treatment of humeral epicondylar fracture, medial or lateral; with manipulation			X
24566	Percutaneous skeletal fixation of humeral epicondylar fracture, medial or lateral, with manipulation		X	
24575	Open treatment of humeral epicondylar fracture, medial or lateral, includes internal fixation, when performed	X		
24576	Closed treatment of humeral condylar fracture, medial or lateral; without manipulation			X
24577	Closed treatment of humeral condylar fracture, medial or lateral; with manipulation		X	
24579	Open treatment of humeral condylar fracture, medial or lateral, includes internal fixation, when performed	X		
24582	Percutaneous skeletal fixation of humeral condylar fracture, medial or lateral, with manipulation		X	
24586	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius);		X	
24587	Open treatment of periarticular fracture and/or dislocation of the elbow (fracture distal humerus and proximal ulna and/or proximal radius); with implant arthroplasty		X	
24600	Treatment of closed elbow dislocation; without anesthesia			X
24605	Treatment of closed elbow dislocation; requiring anesthesia			X
24615	Open treatment of acute or chronic elbow dislocation		X	
24620	Closed treatment of Monteggia type of fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head), with manipulation		X	
24635	Open treatment of Monteggia type of fracture dislocation at elbow (fracture proximal end of ulna with dislocation of radial head), includes internal fixation, when performed	X		
24640	Closed treatment of radial head subluxation in child, nursemaid elbow, with manipulation			X
24650	Closed treatment of radial head or neck fracture; without manipulation			X
24655	Closed treatment of radial head or neck fracture; with manipulation			X
24665	Open treatment of radial head or neck fracture, includes internal fixation or radial head excision, when performed;		X	
24666	Open treatment of radial head or neck fracture, includes internal fixation or radial head excision, when performed; with radial head prosthetic replacement		X	
24670	Closed treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]); without manipulation			X
24675	Closed treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]); with manipulation			X
24685	Open treatment of ulnar fracture, proximal end (eg, olecranon or coronoid process[es]), includes internal fixation, when performed	X		
24800	Arthrodesis, elbow joint; local	X		
24802	Arthrodesis, elbow joint; with autogenous graft (includes obtaining graft)	X		
24900	Amputation, arm through humerus; with primary closure		X	
24920	Amputation, arm through humerus; open, circular (guillotine)		X	
24925	Amputation, arm through humerus; secondary closure or scar revision		X	
24930	Amputation, arm through humerus; re-amputation		X	
24931	Amputation, arm through humerus; with implant		X	
24935	Stump elongation, upper extremity		X	
24940	Cineplasty, upper extremity, complete procedure		X	

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25000	Incision, extensor tendon sheath, wrist (eg, deQuervains disease)		X	
25001	Incision, flexor tendon sheath, wrist (eg, flexor carpi radialis)		X	
25020	Decompression fasciotomy, forearm and/or wrist, flexor OR extensor compartment; without debridement of nonviable muscle and/or nerve		X	
25023	Decompression fasciotomy, forearm and/or wrist, flexor OR extensor compartment; with debridement of nonviable muscle and/or nerve		X	
25024	Decompression fasciotomy, forearm and/or wrist, flexor AND extensor compartment; without debridement of nonviable muscle and/or nerve		X	
25025	Decompression fasciotomy, forearm and/or wrist, flexor AND extensor compartment; with debridement of nonviable muscle and/or nerve		X	
25028	Incision and drainage, forearm and/or wrist; deep abscess or hematoma		X	
25031	Incision and drainage, forearm and/or wrist; bursa		X	
25035	Incision, deep, bone cortex, forearm and/or wrist (eg, osteomyelitis or bone abscess)		X	
25040	Arthrotomy, radiocarpal or midcarpal joint, with exploration, drainage, or removal of foreign body		X	
25065	Biopsy, soft tissue of forearm and/or wrist; superficial			X
25066	Biopsy, soft tissue of forearm and/or wrist; deep (subfascial or intramuscular)		X	
25071	Excision, tumor, soft tissue of forearm and/or wrist area, subcutaneous; 3 cm or greater		X	
25073	Excision, tumor, soft tissue of forearm and/or wrist area, subfascial (eg, intramuscular); 3 cm or greater		X	
25075	Excision, tumor, soft tissue of forearm and/or wrist area, subcutaneous; less than 3 cm			X
25076	Excision, tumor, soft tissue of forearm and/or wrist area, subfascial (eg, intramuscular); less than 3 cm		X	
25077	Radical resection of tumor (eg, sarcoma), soft tissue of forearm and/or wrist area; less than 3 cm	X		
25078	Radical resection of tumor (eg, sarcoma), soft tissue of forearm and/or wrist area; 3 cm or greater	X		
25085	Capsulotomy, wrist (eg, contracture)		X	
25100	Arthrotomy, wrist joint; with biopsy		X	
25101	Arthrotomy, wrist joint; with joint exploration, with or without biopsy, with or without removal of loose or foreign body		X	
25105	Arthrotomy, wrist joint; with synovectomy		X	
25107	Arthrotomy, distal radioulnar joint including repair of triangular cartilage, complex		X	
25109	Excision of tendon, forearm and/or wrist, flexor or extensor, each		X	
25110	Excision, lesion of tendon sheath, forearm and/or wrist		X	
25111	Excision of ganglion, wrist (dorsal or volar); primary		X	
25112	Excision of ganglion, wrist (dorsal or volar); recurrent		X	
25115	Radical excision of bursa, synovia of wrist, or forearm tendon sheaths (eg, tenosynovitis, fungus, Tbc, or other granulomas, rheumatoid arthritis); flexors	X		
25116	Radical excision of bursa, synovia of wrist, or forearm tendon sheaths (eg, tenosynovitis, fungus, Tbc, or other granulomas, rheumatoid arthritis); extensors, with or without transposition of dorsal retinaculum	X		
25118	Synovectomy, extensor tendon sheath, wrist, single compartment;		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
25119	Synovectomy, extensor tendon sheath, wrist, single compartment; with resection of distal ulna		X	
25120	Excision or curettage of bone cyst or benign tumor of radius or ulna (excluding head or neck of radius and olecranon process);		X	
25125	Excision or curettage of bone cyst or benign tumor of radius or ulna (excluding head or neck of radius and olecranon process); with autograft (includes obtaining graft)	X		
25126	Excision or curettage of bone cyst or benign tumor of radius or ulna (excluding head or neck of radius and olecranon process); with allograft		X	
25130	Excision or curettage of bone cyst or benign tumor of carpal bones;		X	
25135	Excision or curettage of bone cyst or benign tumor of carpal bones; with autograft (includes obtaining graft)		X	
25136	Excision or curettage of bone cyst or benign tumor of carpal bones; with allograft		X	
25145	Sequestrectomy (eg, for osteomyelitis or bone abscess), forearm and/or wrist		X	
25150	Partial excision (craterization, saucerization, or diaphysectomy) of bone (eg, for osteomyelitis); ulna		X	
25151	Partial excision (craterization, saucerization, or diaphysectomy) of bone (eg, for osteomyelitis); radius		X	
25170	Radical resection of tumor, radius or ulna	X		
25210	Carpectomy; 1 bone		X	
25215	Carpectomy; all bones of proximal row		X	
25230	Radial styloidectomy (separate procedure)		X	
25240	Excision distal ulna partial or complete (eg, Darrach type or matched resection)		X	
25246	Injection procedure for wrist arthrography			X
25248	Exploration with removal of deep foreign body, forearm or wrist		X	
25250	Removal of wrist prosthesis; (separate procedure)		X	
25251	Removal of wrist prosthesis; complicated, including total wrist		X	
25259	Manipulation, wrist, under anesthesia			X
25260	Repair, tendon or muscle, flexor, forearm and/or wrist; primary, single, each tendon or muscle		X	
25263	Repair, tendon or muscle, flexor, forearm and/or wrist; secondary, single, each tendon or muscle		X	
25265	Repair, tendon or muscle, flexor, forearm and/or wrist; secondary, with free graft (includes obtaining graft), each tendon or muscle		X	
25270	Repair, tendon or muscle, extensor, forearm and/or wrist; primary, single, each tendon or muscle		X	
25272	Repair, tendon or muscle, extensor, forearm and/or wrist; secondary, single, each tendon or muscle		X	
25274	Repair, tendon or muscle, extensor, forearm and/or wrist; secondary, with free graft (includes obtaining graft), each tendon or muscle		X	
25275	Repair, tendon sheath, extensor, forearm and/or wrist, with free graft (includes obtaining graft) (eg, for extensor carpi ulnaris subluxation)		X	
25280	Lengthening or shortening of flexor or extensor tendon, forearm and/or wrist, single, each tendon		X	
25290	Tenotomy, open, flexor or extensor tendon, forearm and/or wrist, single, each tendon			X
25295	Tenolysis, flexor or extensor tendon, forearm and/or wrist, single, each tendon		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
25300	Tenodesis at wrist; flexors of fingers		X	
25301	Tenodesis at wrist; extensors of fingers		X	
25310	Tendon transplantation or transfer, flexor or extensor, forearm and/or wrist, single; each tendon		X	
25312	Tendon transplantation or transfer, flexor or extensor, forearm and/or wrist, single; with tendon graft(s) (includes obtaining graft), each tendon		X	
25315	Flexor origin slide (eg, for cerebral palsy, Volkmann contracture), forearm and/or wrist;		X	
25316	Flexor origin slide (eg, for cerebral palsy, Volkmann contracture), forearm and/or wrist; with tendon(s) transfer		X	
25320	Capsulorrhaphy or reconstruction, wrist, open (eg, capsulodesis, ligament repair, tendon transfer or graft) (includes synovectomy, capsulotomy and open reduction) for carpal instability		X	
25332	Arthroplasty, wrist, with or without interposition, with or without external or internal fixation		X	
25335	Centralization of wrist on ulna (eg, radial club hand)	X		
25337	Reconstruction for stabilization of unstable distal ulna or distal radioulnar joint, secondary by soft tissue stabilization (eg, tendon transfer, tendon graft or weave, or tenodesis) with or without open reduction of distal radioulnar joint		X	
25350	Osteotomy, radius; distal third		X	
25355	Osteotomy, radius; middle or proximal third		X	
25360	Osteotomy; ulna		X	
25365	Osteotomy; radius AND ulna		X	
25370	Multiple osteotomies, with realignment on intramedullary rod (Sofield type procedure); radius OR ulna	X		
25375	Multiple osteotomies, with realignment on intramedullary rod (Sofield type procedure); radius AND ulna	X		
25390	Osteoplasty, radius OR ulna; shortening		X	
25391	Osteoplasty, radius OR ulna; lengthening with autograft		X	
25392	Osteoplasty, radius AND ulna; shortening (excluding 64876)		X	
25393	Osteoplasty, radius AND ulna; lengthening with autograft		X	
25394	Osteoplasty, carpal bone, shortening		X	
25400	Repair of nonunion or malunion, radius OR ulna; without graft (eg, compression technique)		X	
25405	Repair of nonunion or malunion, radius OR ulna; with autograft (includes obtaining graft)		X	
25415	Repair of nonunion or malunion, radius AND ulna; without graft (eg, compression technique)		X	
25420	Repair of nonunion or malunion, radius AND ulna; with autograft (includes obtaining graft)		X	
25425	Repair of defect with autograft; radius OR ulna	X		
25426	Repair of defect with autograft; radius AND ulna	X		
25430	Insertion of vascular pedicle into carpal bone (eg, Hori procedure)	X		
25431	Repair of nonunion of carpal bone (excluding carpal scaphoid (navicular)) (includes obtaining graft and necessary fixation), each bone	X		

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25440	Repair of nonunion, scaphoid carpal (navicular) bone, with or without radial styloidectomy (includes obtaining graft and necessary fixation)	X		
25441	Arthroplasty with prosthetic replacement; distal radius		X	
25442	Arthroplasty with prosthetic replacement; distal ulna		X	
25443	Arthroplasty with prosthetic replacement; scaphoid carpal (navicular)		X	
25444	Arthroplasty with prosthetic replacement; lunate		X	
25445	Arthroplasty with prosthetic replacement; trapezium	X		
25446	Arthroplasty with prosthetic replacement; distal radius and partial or entire carpus (total wrist)	X		
25447	Arthroplasty, interposition, intercarpal or carpometacarpal joints		X	
25449	Revision of arthroplasty, including removal of implant, wrist joint		X	
25450	Epiphyseal arrest by epiphysiodesis or stapling; distal radius OR ulna		X	
25455	Epiphyseal arrest by epiphysiodesis or stapling; distal radius AND ulna		X	
25490	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; radius		X	
25491	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; ulna		X	
25492	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; radius AND ulna		X	
25500	Closed treatment of radial shaft fracture; without manipulation			X
25505	Closed treatment of radial shaft fracture; with manipulation			X
25515	Open treatment of radial shaft fracture, includes internal fixation, when performed	X		
25520	Closed treatment of radial shaft fracture and closed treatment of dislocation of distal radioulnar joint (Galeazzi fracture/dislocation)			X
25525	Open treatment of radial shaft fracture, includes internal fixation, when performed, and closed treatment of distal radioulnar joint dislocation (Galeazzi fracture/ dislocation), includes percutaneous skeletal fixation, when performed	X		
25526	Open treatment of radial shaft fracture, includes internal fixation, when performed, and open treatment of distal radioulnar joint dislocation (Galeazzi fracture/ dislocation), includes internal fixation, when performed, includes repair of triangular fibrocartilage complex	X		
25530	Closed treatment of ulnar shaft fracture; without manipulation			X
25535	Closed treatment of ulnar shaft fracture; with manipulation			X
25545	Open treatment of ulnar shaft fracture, includes internal fixation, when performed	X		
25560	Closed treatment of radial and ulnar shaft fractures; without manipulation			X
25565	Closed treatment of radial and ulnar shaft fractures; with manipulation		X	
25574	Open treatment of radial AND ulnar shaft fractures, with internal fixation, when performed; of radius OR ulna	X		
25575	Open treatment of radial AND ulnar shaft fractures, with internal fixation, when performed; of radius AND ulna	X		
25600	Closed treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, includes closed treatment of fracture of ulnar styloid, when performed; without manipulation			X
25605	Closed treatment of distal radial fracture (eg, Colles or Smith type) or epiphyseal separation, includes closed treatment of fracture of ulnar styloid, when performed; with manipulation		X	

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25606	Percutaneous skeletal fixation of distal radial fracture or epiphyseal separation		X	
25607	Open treatment of distal radial extra-articular fracture or epiphyseal separation, with internal fixation	X		
25608	Open treatment of distal radial intra-articular fracture or epiphyseal separation; with internal fixation of 2 fragments	X		
25609	Open treatment of distal radial intra-articular fracture or epiphyseal separation; with internal fixation of 3 or more fragments	X		
25622	Closed treatment of carpal scaphoid (navicular) fracture; without manipulation			X
25624	Closed treatment of carpal scaphoid (navicular) fracture; with manipulation			X
25628	Open treatment of carpal scaphoid (navicular) fracture, includes internal fixation, when performed	X		
25630	Closed treatment of carpal bone fracture (excluding carpal scaphoid [navicular]); without manipulation, each bone			X
25635	Closed treatment of carpal bone fracture (excluding carpal scaphoid [navicular]); with manipulation, each bone			X
25645	Open treatment of carpal bone fracture (other than carpal scaphoid [navicular]), each bone		X	
25650	Closed treatment of ulnar styloid fracture			X
25651	Percutaneous skeletal fixation of ulnar styloid fracture		X	
25652	Open treatment of ulnar styloid fracture		X	
25660	Closed treatment of radiocarpal or intercarpal dislocation, 1 or more bones, with manipulation		X	
25670	Open treatment of radiocarpal or intercarpal dislocation, 1 or more bones		X	
25671	Percutaneous skeletal fixation of distal radioulnar dislocation		X	
25675	Closed treatment of distal radioulnar dislocation with manipulation		X	
25676	Open treatment of distal radioulnar dislocation, acute or chronic		X	
25680	Closed treatment of trans-scaphoperilunar type of fracture dislocation, with manipulation		X	
25685	Open treatment of trans-scaphoperilunar type of fracture dislocation		X	
25690	Closed treatment of lunate dislocation, with manipulation		X	
25695	Open treatment of lunate dislocation		X	
25800	Arthrodesis, wrist; complete, without bone graft (includes radiocarpal and/or intercarpal and/or carpometacarpal joints)		X	
25805	Arthrodesis, wrist; with sliding graft	X		
25810	Arthrodesis, wrist; with iliac or other autograft (includes obtaining graft)	X		
25820	Arthrodesis, wrist; limited, without bone graft (eg, intercarpal or radiocarpal)	X		
25825	Arthrodesis, wrist; with autograft (includes obtaining graft)	X		
25830	Arthrodesis, distal radioulnar joint with segmental resection of ulna, with or without bone graft (eg, Sauve-Kapandji procedure)	X		
25900	Amputation, forearm, through radius and ulna;		X	
25905	Amputation, forearm, through radius and ulna; open, circular (guillotine)		X	
25907	Amputation, forearm, through radius and ulna; secondary closure or scar revision		X	
25909	Amputation, forearm, through radius and ulna; re-amputation		X	
25915	Krukenberg procedure	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
25920	Disarticulation through wrist;		X	
25922	Disarticulation through wrist; secondary closure or scar revision		X	
25924	Disarticulation through wrist; re-amputation		X	
25927	Transmetacarpal amputation;		X	
25929	Transmetacarpal amputation; secondary closure or scar revision		X	
25931	Transmetacarpal amputation; re-amputation		X	
26010	Drainage of finger abscess; simple			X
26011	Drainage of finger abscess; complicated (eg, felon)			X
26020	Drainage of tendon sheath, digit and/or palm, each		X	
26025	Drainage of palmar bursa; single, bursa		X	
26030	Drainage of palmar bursa; multiple bursa		X	
26034	Incision, bone cortex, hand or finger (eg, osteomyelitis or bone abscess)		X	
26035	Decompression fingers and/or hand, injection injury (eg, grease gun)		X	
26037	Decompressive fasciotomy, hand (excludes 26035)		X	
26040	Fasciotomy, palmar (eg, Dupuytren's contracture); percutaneous			X
26045	Fasciotomy, palmar (eg, Dupuytren's contracture); open, partial		X	
26055	Tendon sheath incision (eg, for trigger finger)		X	
26060	Tenotomy, percutaneous, single, each digit			X
26070	Arthrotomy, with exploration, drainage, or removal of loose or foreign body; carpometacarpal joint			X
26075	Arthrotomy, with exploration, drainage, or removal of loose or foreign body; metacarpophalangeal joint, each			X
26080	Arthrotomy, with exploration, drainage, or removal of loose or foreign body; interphalangeal joint, each			X
26100	Arthrotomy with biopsy; carpometacarpal joint, each		X	
26105	Arthrotomy with biopsy; metacarpophalangeal joint, each		X	
26110	Arthrotomy with biopsy; interphalangeal joint, each		X	
26111	Excision, tumor or vascular malformation, soft tissue of hand or finger, subcutaneous; 1.5 cm or greater		X	
26113	Excision, tumor, soft tissue, or vascular malformation, of hand or finger, subfascial (eg, intramuscular); 1.5 cm or greater		X	
26115	Excision, tumor or vascular malformation, soft tissue of hand or finger, subcutaneous; less than 1.5 cm			X
26116	Excision, tumor, soft tissue, or vascular malformation, of hand or finger, subfascial (eg, intramuscular); less than 1.5 cm		X	
26117	Radical resection of tumor (eg, sarcoma), soft tissue of hand or finger; less than 3 cm		X	
26118	Radical resection of tumor (eg, sarcoma), soft tissue of hand or finger; 3 cm or greater	X		
26121	Fasciectomy, palm only, with or without Z-plasty, other local tissue rearrangement, or skin grafting (includes obtaining graft)		X	
26123	Fasciectomy, partial palmar with release of single digit including proximal interphalangeal joint, with or without Z-plasty, other local tissue rearrangement, or skin grafting (includes obtaining graft);		X	

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26125	Fasciectomy, partial palmar with release of single digit including proximal interphalangeal joint, with or without Z-plasty, other local tissue rearrangement, or skin grafting (includes obtaining graft); each additional digit (List separately in addition to code for primary procedure)		X	
26130	Synovectomy, carpometacarpal joint			X
26135	Synovectomy, metacarpophalangeal joint including intrinsic release and extensor hood reconstruction, each digit		X	
26140	Synovectomy, proximal interphalangeal joint, including extensor reconstruction, each interphalangeal joint			X
26145	Synovectomy, tendon sheath, radical (tenosynovectomy), flexor tendon, palm and/or finger, each tendon		X	
26160	Excision of lesion of tendon sheath or joint capsule (eg, cyst, mucous cyst, or ganglion), hand or finger			X
26170	Excision of tendon, palm, flexor or extensor, single, each tendon		X	
26180	Excision of tendon, finger, flexor or extensor, each tendon		X	
26185	Sesamoidectomy, thumb or finger (separate procedure)		X	
26200	Excision or curettage of bone cyst or benign tumor of metacarpal;		X	
26205	Excision or curettage of bone cyst or benign tumor of metacarpal; with autograft (includes obtaining graft)		X	
26210	Excision or curettage of bone cyst or benign tumor of proximal, middle, or distal phalanx of finger;		X	
26215	Excision or curettage of bone cyst or benign tumor of proximal, middle, or distal phalanx of finger; with autograft (includes obtaining graft)		X	
26230	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis); metacarpal		X	
26235	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis); proximal or middle phalanx of finger		X	
26236	Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis); distal phalanx of finger		X	
26250	Radical resection of tumor, metacarpal	X		
26260	Radical resection of tumor, proximal or middle phalanx of finger	X		
26262	Radical resection of tumor, distal phalanx of finger	X		
26320	Removal of implant from finger or hand		X	
26340	Manipulation, finger joint, under anesthesia, each joint			X
26341	Manipulation, palmar fascial cord (ie, Dupuytren's cord), post enzyme injection (eg, collagenase), single cord			X
26350	Repair or advancement, flexor tendon, not in zone 2 digital flexor tendon sheath (eg, no man's land); primary or secondary without free graft, each tendon		X	
26352	Repair or advancement, flexor tendon, not in zone 2 digital flexor tendon sheath (eg, no man's land); secondary with free graft (includes obtaining graft), each tendon		X	
26356	Repair or advancement, flexor tendon, in zone 2 digital flexor tendon sheath (eg, no man's land); primary, without free graft, each tendon		X	
26357	Repair or advancement, flexor tendon, in zone 2 digital flexor tendon sheath (eg, no man's land); secondary, without free graft, each tendon		X	
26358	Repair or advancement, flexor tendon, in zone 2 digital flexor tendon sheath (eg, no man's land); secondary, with free graft (includes obtaining graft), each tendon		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
26370	Repair or advancement of profundus tendon, with intact superficialis tendon; primary, each tendon		X	
26372	Repair or advancement of profundus tendon, with intact superficialis tendon; secondary with free graft (includes obtaining graft), each tendon		X	
26373	Repair or advancement of profundus tendon, with intact superficialis tendon; secondary without free graft, each tendon		X	
26390	Excision flexor tendon, with implantation of synthetic rod for delayed tendon graft, hand or finger, each rod		X	
26392	Removal of synthetic rod and insertion of flexor tendon graft, hand or finger (includes obtaining graft), each rod		X	
26410	Repair, extensor tendon, hand, primary or secondary; without free graft, each tendon		X	
26412	Repair, extensor tendon, hand, primary or secondary; with free graft (includes obtaining graft), each tendon		X	
26415	Excision of extensor tendon, with implantation of synthetic rod for delayed tendon graft, hand or finger, each rod		X	
26416	Removal of synthetic rod and insertion of extensor tendon graft (includes obtaining graft), hand or finger, each rod		X	
26418	Repair, extensor tendon, finger, primary or secondary; without free graft, each tendon		X	
26420	Repair, extensor tendon, finger, primary or secondary; with free graft (includes obtaining graft) each tendon		X	
26426	Repair of extensor tendon, central slip, secondary (eg, boutonniere deformity); using local tissue(s), including lateral band(s), each finger		X	
26428	Repair of extensor tendon, central slip, secondary (eg, boutonniere deformity); with free graft (includes obtaining graft), each finger		X	
26432	Closed treatment of distal extensor tendon insertion, with or without percutaneous pinning (eg, mallet finger)			X
26433	Repair of extensor tendon, distal insertion, primary or secondary; without graft (eg, mallet finger)		X	
26434	Repair of extensor tendon, distal insertion, primary or secondary; with free graft (includes obtaining graft)		X	
26437	Realignment of extensor tendon, hand, each tendon		X	
26440	Tenolysis, flexor tendon; palm OR finger, each tendon		X	
26442	Tenolysis, flexor tendon; palm AND finger, each tendon		X	
26445	Tenolysis, extensor tendon, hand OR finger, each tendon		X	
26449	Tenolysis, complex, extensor tendon, finger, including forearm, each tendon		X	
26450	Tenotomy, flexor, palm, open, each tendon		X	
26455	Tenotomy, flexor, finger, open, each tendon		X	
26460	Tenotomy, extensor, hand or finger, open, each tendon		X	
26471	Tenodesis; of proximal interphalangeal joint, each joint		X	
26474	Tenodesis; of distal joint, each joint		X	
26476	Lengthening of tendon, extensor, hand or finger, each tendon		X	
26477	Shortening of tendon, extensor, hand or finger, each tendon		X	
26478	Lengthening of tendon, flexor, hand or finger, each tendon		X	
26479	Shortening of tendon, flexor, hand or finger, each tendon		X	

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26480	Transfer or transplant of tendon, carpometacarpal area or dorsum of hand; without free graft, each tendon		X	
26483	Transfer or transplant of tendon, carpometacarpal area or dorsum of hand; with free tendon graft (includes obtaining graft), each tendon		X	
26485	Transfer or transplant of tendon, palmar; without free tendon graft, each tendon		X	
26489	Transfer or transplant of tendon, palmar; with free tendon graft (includes obtaining graft), each tendon		X	
26490	Opponensplasty; superficialis tendon transfer type, each tendon		X	
26492	Opponensplasty; tendon transfer with graft (includes obtaining graft), each tendon		X	
26494	Opponensplasty; hypothenar muscle transfer		X	
26496	Opponensplasty; other methods		X	
26497	Transfer of tendon to restore intrinsic function; ring and small finger		X	
26498	Transfer of tendon to restore intrinsic function; all 4 fingers		X	
26499	Correction claw finger, other methods		X	
26500	Reconstruction of tendon pulley, each tendon; with local tissues (separate procedure)		X	
26502	Reconstruction of tendon pulley, each tendon; with tendon or fascial graft (includes obtaining graft) (separate procedure)		X	
26508	Release of thenar muscle(s) (eg, thumb contracture)		X	
26510	Cross intrinsic transfer, each tendon		X	
26516	Capsulodesis, metacarpophalangeal joint; single digit		X	
26517	Capsulodesis, metacarpophalangeal joint; 2 digits		X	
26518	Capsulodesis, metacarpophalangeal joint; 3 or 4 digits		X	
26520	Capsulectomy or capsulotomy; metacarpophalangeal joint, each joint		X	
26525	Capsulectomy or capsulotomy; interphalangeal joint, each joint		X	
26530	Arthroplasty, metacarpophalangeal joint; each joint		X	
26531	Arthroplasty, metacarpophalangeal joint; with prosthetic implant, each joint		X	
26535	Arthroplasty, interphalangeal joint; each joint		X	
26536	Arthroplasty, interphalangeal joint; with prosthetic implant, each joint		X	
26540	Repair of collateral ligament, metacarpophalangeal or interphalangeal joint		X	
26541	Reconstruction, collateral ligament, metacarpophalangeal joint, single; with tendon or fascial graft (includes obtaining graft)		X	
26542	Reconstruction, collateral ligament, metacarpophalangeal joint, single; with local tissue (eg, adductor advancement)		X	
26545	Reconstruction, collateral ligament, interphalangeal joint, single, including graft, each joint		X	
26546	Repair non-union, metacarpal or phalanx (includes obtaining bone graft with or without external or internal fixation)		X	
26548	Repair and reconstruction, finger, volar plate, interphalangeal joint		X	
26550	Pollicization of a digit	X		
26551	Transfer, toe-to-hand with microvascular anastomosis; great toe wrap-around with bone graft	X		
26553	Transfer, toe-to-hand with microvascular anastomosis; other than great toe, single	X		
26554	Transfer, toe-to-hand with microvascular anastomosis; other than great toe, double	X		
26555	Transfer, finger to another position without microvascular anastomosis		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
26556	Transfer, free toe joint, with microvascular anastomosis	X		
26560	Repair of syndactyly (web finger) each web space; with skin flaps		X	
26561	Repair of syndactyly (web finger) each web space; with skin flaps and grafts		X	
26562	Repair of syndactyly (web finger) each web space; complex (eg, involving bone, nails)		X	
26565	Osteotomy; metacarpal, each		X	
26567	Osteotomy; phalanx of finger, each		X	
26568	Osteoplasty, lengthening, metacarpal or phalanx		X	
26580	Repair cleft hand		X	
26587	Reconstruction of polydactylous digit, soft tissue and bone		X	
26590	Repair macrodactylia, each digit		X	
26591	Repair, intrinsic muscles of hand, each muscle		X	
26593	Release, intrinsic muscles of hand, each muscle		X	
26596	Excision of constricting ring of finger, with multiple Z-plasties		X	
26600	Closed treatment of metacarpal fracture, single; without manipulation, each bone			X
26605	Closed treatment of metacarpal fracture, single; with manipulation, each bone		X	
26607	Closed treatment of metacarpal fracture, with manipulation, with external fixation, each bone		X	
26608	Percutaneous skeletal fixation of metacarpal fracture, each bone			X
26615	Open treatment of metacarpal fracture, single, includes internal fixation, when performed, each bone		X	
26641	Closed treatment of carpometacarpal dislocation, thumb, with manipulation			X
26645	Closed treatment of carpometacarpal fracture dislocation, thumb (Bennett fracture), with manipulation			X
26650	Percutaneous skeletal fixation of carpometacarpal fracture dislocation, thumb (Bennett fracture), with manipulation		X	
26665	Open treatment of carpometacarpal fracture dislocation, thumb (Bennett fracture), includes internal fixation, when performed	X		
26670	Closed treatment of carpometacarpal dislocation, other than thumb, with manipulation, each joint; without anesthesia			X
26675	Closed treatment of carpometacarpal dislocation, other than thumb, with manipulation, each joint; requiring anesthesia			X
26676	Percutaneous skeletal fixation of carpometacarpal dislocation, other than thumb, with manipulation, each joint		X	
26685	Open treatment of carpometacarpal dislocation, other than thumb; includes internal fixation, when performed, each joint		X	
26686	Open treatment of carpometacarpal dislocation, other than thumb; complex, multiple, or delayed reduction		X	
26700	Closed treatment of metacarpophalangeal dislocation, single, with manipulation; without anesthesia			X
26705	Closed treatment of metacarpophalangeal dislocation, single, with manipulation; requiring anesthesia			X
26706	Percutaneous skeletal fixation of metacarpophalangeal dislocation, single, with manipulation		X	
26715	Open treatment of metacarpophalangeal dislocation, single, includes internal fixation, when performed		X	

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26720	Closed treatment of phalangeal shaft fracture, proximal or middle phalanx, finger or thumb; without manipulation, each			X
26725	Closed treatment of phalangeal shaft fracture, proximal or middle phalanx, finger or thumb; with manipulation, with or without skin or skeletal traction, each			X
26727	Percutaneous skeletal fixation of unstable phalangeal shaft fracture, proximal or middle phalanx, finger or thumb, with manipulation, each		X	
26735	Open treatment of phalangeal shaft fracture, proximal or middle phalanx, finger or thumb, includes internal fixation, when performed, each		X	
26740	Closed treatment of articular fracture, involving metacarpophalangeal or interphalangeal joint; without manipulation, each			X
26742	Closed treatment of articular fracture, involving metacarpophalangeal or interphalangeal joint; with manipulation, each			X
26746	Open treatment of articular fracture, involving metacarpophalangeal or interphalangeal joint, includes internal fixation, when performed, each	X		
26750	Closed treatment of distal phalangeal fracture, finger or thumb; without manipulation, each			X
26755	Closed treatment of distal phalangeal fracture, finger or thumb; with manipulation, each			X
26756	Percutaneous skeletal fixation of distal phalangeal fracture, finger or thumb, each		X	
26765	Open treatment of distal phalangeal fracture, finger or thumb, includes internal fixation, when performed, each		X	
26770	Closed treatment of interphalangeal joint dislocation, single, with manipulation; without anesthesia			X
26775	Closed treatment of interphalangeal joint dislocation, single, with manipulation; requiring anesthesia			X
26776	Percutaneous skeletal fixation of interphalangeal joint dislocation, single, with manipulation		X	
26785	Open treatment of interphalangeal joint dislocation, includes internal fixation, when performed, single		X	
26820	Fusion in opposition, thumb, with autogenous graft (includes obtaining graft)		X	
26841	Arthrodesis, carpometacarpal joint, thumb, with or without internal fixation;		X	
26842	Arthrodesis, carpometacarpal joint, thumb, with or without internal fixation; with autograft (includes obtaining graft)		X	
26843	Arthrodesis, carpometacarpal joint, digit, other than thumb, each;		X	
26844	Arthrodesis, carpometacarpal joint, digit, other than thumb, each; with autograft (includes obtaining graft)		X	
26850	Arthrodesis, metacarpophalangeal joint, with or without internal fixation;		X	
26852	Arthrodesis, metacarpophalangeal joint, with or without internal fixation; with autograft (includes obtaining graft)		X	
26860	Arthrodesis, interphalangeal joint, with or without internal fixation;		X	
26861	Arthrodesis, interphalangeal joint, with or without internal fixation; each additional interphalangeal joint (List separately in addition to code for primary procedure)		X	
26862	Arthrodesis, interphalangeal joint, with or without internal fixation; with autograft (includes obtaining graft)		X	
26863	Arthrodesis, interphalangeal joint, with or without internal fixation; with autograft (includes obtaining graft), each additional joint (List separately in addition to code for primary procedure)		X	

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26910	Amputation, metacarpal, with finger or thumb (ray amputation), single, with or without interosseous transfer		X	
26951	Amputation, finger or thumb, primary or secondary, any joint or phalanx, single, including neurectomies; with direct closure		X	
26952	Amputation, finger or thumb, primary or secondary, any joint or phalanx, single, including neurectomies; with local advancement flaps (V-Y, hood)		X	
26990	Incision and drainage, pelvis or hip joint area; deep abscess or hematoma		X	
26991	Incision and drainage, pelvis or hip joint area; infected bursa			X
26992	Incision, bone cortex, pelvis and/or hip joint (eg, osteomyelitis or bone abscess)		X	
27000	Tenotomy, adductor of hip, percutaneous (separate procedure)			X
27001	Tenotomy, adductor of hip, open		X	
27003	Tenotomy, adductor, subcutaneous, open, with obturator neurectomy		X	
27005	Tenotomy, hip flexor(s), open (separate procedure)	X		
27006	Tenotomy, abductors and/or extensor(s) of hip, open (separate procedure)	X		
27025	Fasciotomy, hip or thigh, any type	X		
27027	Decompression fasciotomy(ies), pelvic (buttock) compartment(s) (eg, gluteus medius-minimus, gluteus maximus, iliopsoas, and/or tensor fascia lata muscle), unilateral		X	
27030	Arthrotomy, hip, with drainage (eg, infection)	X		
27033	Arthrotomy, hip, including exploration or removal of loose or foreign body	X		
27035	Denervation, hip joint, intrapelvic or extrapelvic intra-articular branches of sciatic, femoral, or obturator nerves	X		
27036	Capsulectomy or capsulotomy, hip, with or without excision of heterotopic bone, with release of hip flexor muscles (ie, gluteus medius, gluteus minimus, tensor fascia latae, rectus femoris, sartorius, iliopsoas)	X		
27040	Biopsy, soft tissue of pelvis and hip area; superficial			X
27041	Biopsy, soft tissue of pelvis and hip area; deep, subfascial or intramuscular		X	
27043	Excision, tumor, soft tissue of pelvis and hip area, subcutaneous; 3 cm or greater		X	
27045	Excision, tumor, soft tissue of pelvis and hip area, subfascial (eg, intramuscular); 5 cm or greater		X	
27047	Excision, tumor, soft tissue of pelvis and hip area, subcutaneous; less than 3 cm			X
27048	Excision, tumor, soft tissue of pelvis and hip area, subfascial (eg, intramuscular); less than 5 cm		X	
27049	Radical resection of tumor (eg, sarcoma), soft tissue of pelvis and hip area; less than 5 cm	X		
27050	Arthrotomy, with biopsy; sacroiliac joint		X	
27052	Arthrotomy, with biopsy; hip joint		X	
27054	Arthrotomy with synovectomy, hip joint	X		
27057	Decompression fasciotomy(ies), pelvic (buttock) compartment(s) (eg, gluteus medius-minimus, gluteus maximus, iliopsoas, and/or tensor fascia lata muscle) with debridement of nonviable muscle, unilateral		X	
27059	Radical resection of tumor (eg, sarcoma), soft tissue of pelvis and hip area; 5 cm or greater	X		
27060	Excision; ischial bursa		X	
27062	Excision; trochanteric bursa or calcification			X

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27065	Excision of bone cyst or benign tumor, wing of ilium, symphysis pubis, or greater trochanter of femur; superficial, includes autograft, when performed		X	
27066	Excision of bone cyst or benign tumor, wing of ilium, symphysis pubis, or greater trochanter of femur; deep (subfascial), includes autograft, when performed	X		
27067	Excision of bone cyst or benign tumor, wing of ilium, symphysis pubis, or greater trochanter of femur; with autograft requiring separate incision	X		
27070	Partial excision, wing of ilium, symphysis pubis, or greater trochanter of femur, (craterization, saucerization) (eg, osteomyelitis or bone abscess); superficial		X	
27071	Partial excision, wing of ilium, symphysis pubis, or greater trochanter of femur, (craterization, saucerization) (eg, osteomyelitis or bone abscess); deep (subfascial or intramuscular)	X		
27075	Radical resection of tumor; wing of ilium, 1 pubic or ischial ramus or symphysis pubis	X		
27076	Radical resection of tumor; ilium, including acetabulum, both pubic rami, or ischium and acetabulum	X		
27077	Radical resection of tumor; innominate bone, total	X		
27078	Radical resection of tumor; ischial tuberosity and greater trochanter of femur	X		
27080	Coccygectomy, primary		X	
27086	Removal of foreign body, pelvis or hip; subcutaneous tissue			X
27087	Removal of foreign body, pelvis or hip; deep (subfascial or intramuscular)		X	
27090	Removal of hip prosthesis; (separate procedure)		X	
27091	Removal of hip prosthesis; complicated, including total hip prosthesis, methylmethacrylate with or without insertion of spacer	X		
27093	Injection procedure for hip arthrography; without anesthesia			X
27095	Injection procedure for hip arthrography; with anesthesia			X
27096	Injection procedure for sacroiliac joint, anesthetic/steroid, with image guidance (fluoroscopy or CT) including arthrography when performed			X
27097	Release or recession, hamstring, proximal	X		
27098	Transfer, adductor to ischium	X		
27100	Transfer external oblique muscle to greater trochanter including fascial or tendon extension (graft)	X		
27105	Transfer paraspinal muscle to hip (includes fascial or tendon extension graft)	X		
27110	Transfer iliopsoas; to greater trochanter of femur	X		
27111	Transfer iliopsoas; to femoral neck	X		
27120	Acetabuloplasty; (eg, Whitman, Colonna, Haygroves, or cup type)	X		
27122	Acetabuloplasty; resection, femoral head (eg, Girdlestone procedure)	X		
27125	Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	X		
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	X		
27132	Conversion of previous hip surgery to total hip arthroplasty, with or without autograft or allograft	X		
27134	Revision of total hip arthroplasty; both components, with or without autograft or allograft	X		
27137	Revision of total hip arthroplasty; acetabular component only, with or without autograft or allograft	X		
27138	Revision of total hip arthroplasty; femoral component only, with or without allograft	X		

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27140	Osteotomy and transfer of greater trochanter of femur (separate procedure)	X		
27146	Osteotomy, iliac, acetabular or innominate bone;	X		
27147	Osteotomy, iliac, acetabular or innominate bone; with open reduction of hip	X		
27151	Osteotomy, iliac, acetabular or innominate bone; with femoral osteotomy	X		
27156	Osteotomy, iliac, acetabular or innominate bone; with femoral osteotomy and with open reduction of hip	X		
27158	Osteotomy, pelvis, bilateral (eg, congenital malformation)	X		
27161	Osteotomy, femoral neck (separate procedure)	X		
27165	Osteotomy, intertrochanteric or subtrochanteric including internal or external fixation and/or cast	X		
27170	Bone graft, femoral head, neck, intertrochanteric or subtrochanteric area (includes obtaining bone graft)	X		
27175	Treatment of slipped femoral epiphysis; by traction, without reduction			X
27176	Treatment of slipped femoral epiphysis; by single or multiple pinning, in situ		X	
27177	Open treatment of slipped femoral epiphysis; single or multiple pinning or bone graft (includes obtaining graft)	X		
27178	Open treatment of slipped femoral epiphysis; closed manipulation with single or multiple pinning		X	
27179	Open treatment of slipped femoral epiphysis; osteoplasty of femoral neck (Heyman type procedure)	X		
27181	Open treatment of slipped femoral epiphysis; osteotomy and internal fixation	X		
27185	Epiphyseal arrest by epiphysiodesis or stapling, greater trochanter of femur			X
27187	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate, femoral neck and proximal femur		X	
27193	Closed treatment of pelvic ring fracture, dislocation, diastasis or subluxation; without manipulation			X
27194	Closed treatment of pelvic ring fracture, dislocation, diastasis or subluxation; with manipulation, requiring more than local anesthesia		X	
27200	Closed treatment of coccygeal fracture			X
27202	Open treatment of coccygeal fracture		X	
27215	Open treatment of iliac spine(s), tuberosity avulsion, or iliac wing fracture(s), unilateral, for pelvic bone fracture patterns that do not disrupt the pelvic ring, includes internal fixation, when performed		X	
27216	Percutaneous skeletal fixation of posterior pelvic bone fracture and/or dislocation, for fracture patterns that disrupt the pelvic ring, unilateral (includes ipsilateral ilium, sacroiliac joint and/or sacrum)	X		
27217	Open treatment of anterior pelvic bone fracture and/or dislocation for fracture patterns that disrupt the pelvic ring, unilateral, includes internal fixation, when performed (includes pubic symphysis and/or ipsilateral superior/inferior rami)	X		
27218	Open treatment of posterior pelvic bone fracture and/or dislocation, for fracture patterns that disrupt the pelvic ring, unilateral, includes internal fixation, when performed (includes ipsilateral ilium, sacroiliac joint and/or sacrum)	X		
27220	Closed treatment of acetabulum (hip socket) fracture(s); without manipulation			X
27222	Closed treatment of acetabulum (hip socket) fracture(s); with manipulation, with or without skeletal traction		X	
27226	Open treatment of posterior or anterior acetabular wall fracture, with internal fixation	X		

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27227	Open treatment of acetabular fracture(s) involving anterior or posterior (one) column, or a fracture running transversely across the acetabulum, with internal fixation	X		
27228	Open treatment of acetabular fracture(s) involving anterior and posterior (two) columns, includes T-fracture and both column fracture with complete articular detachment, or single column or transverse fracture with associated acetabular wall fracture, with internal fixation	X		
27230	Closed treatment of femoral fracture, proximal end, neck; without manipulation			X
27232	Closed treatment of femoral fracture, proximal end, neck; with manipulation, with or without skeletal traction		X	
27235	Percutaneous skeletal fixation of femoral fracture, proximal end, neck			X
27236	Open treatment of femoral fracture, proximal end, neck, internal fixation or prosthetic replacement		X	
27238	Closed treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; without manipulation			X
27240	Closed treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with manipulation, with or without skin or skeletal traction		X	
27244	Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with plate/screw type implant, with or without cerclage		X	
27245	Treatment of intertrochanteric, peritrochanteric, or subtrochanteric femoral fracture; with intramedullary implant, with or without interlocking screws and/or cerclage		X	
27246	Closed treatment of greater trochanteric fracture, without manipulation			X
27248	Open treatment of greater trochanteric fracture, includes internal fixation, when performed		X	
27250	Closed treatment of hip dislocation, traumatic; without anesthesia			X
27252	Closed treatment of hip dislocation, traumatic; requiring anesthesia		X	
27253	Open treatment of hip dislocation, traumatic, without internal fixation		X	
27254	Open treatment of hip dislocation, traumatic, with acetabular wall and femoral head fracture, with or without internal or external fixation	X		
27256	Treatment of spontaneous hip dislocation (developmental, including congenital or pathological), by abduction, splint or traction; without anesthesia, without manipulation			X
27257	Treatment of spontaneous hip dislocation (developmental, including congenital or pathological), by abduction, splint or traction; with manipulation, requiring anesthesia			X
27258	Open treatment of spontaneous hip dislocation (developmental, including congenital or pathological), replacement of femoral head in acetabulum (including tenotomy, etc);	X		
27259	Open treatment of spontaneous hip dislocation (developmental, including congenital or pathological), replacement of femoral head in acetabulum (including tenotomy, etc); with femoral shaft shortening	X		
27265	Closed treatment of post hip arthroplasty dislocation; without anesthesia			X
27266	Closed treatment of post hip arthroplasty dislocation; requiring regional or general anesthesia		X	
27267	Closed treatment of femoral fracture, proximal end, head; without manipulation			X
27268	Closed treatment of femoral fracture, proximal end, head; with manipulation		X	
27269	Open treatment of femoral fracture, proximal end, head, includes internal fixation, when performed	X		
27275	Manipulation, hip joint, requiring general anesthesia		X	

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27279	Arthrodesis, sacroiliac joint, percutaneous or minimally invasive (indirect visualization), with image guidance, includes obtaining bone graft when performed, and placement of transfixing device		X	
27280	Arthrodesis, open, sacroiliac joint, including obtaining bone graft, including instrumentation, when performed	X		
27282	Arthrodesis, symphysis pubis (including obtaining graft)	X		
27284	Arthrodesis, hip joint (including obtaining graft);	X		
27286	Arthrodesis, hip joint (including obtaining graft); with subtrochanteric osteotomy	X		
27290	Interpelviabdominal amputation (hindquarter amputation)	X		
27295	Disarticulation of hip	X		
27301	Incision and drainage, deep abscess, bursa, or hematoma, thigh or knee region		X	
27303	Incision, deep, with opening of bone cortex, femur or knee (eg, osteomyelitis or bone abscess)		X	
27305	Fasciotomy, iliotibial (tenotomy), open		X	
27306	Tenotomy, percutaneous, adductor or hamstring; single tendon (separate procedure)		X	
27307	Tenotomy, percutaneous, adductor or hamstring; multiple tendons		X	
27310	Arthrotomy, knee, with exploration, drainage, or removal of foreign body (eg, infection)		X	
27323	Biopsy, soft tissue of thigh or knee area; superficial			X
27324	Biopsy, soft tissue of thigh or knee area; deep (subfascial or intramuscular)		X	
27325	Neurectomy, hamstring muscle	X		
27326	Neurectomy, popliteal (gastrocnemius)	X		
27327	Excision, tumor, soft tissue of thigh or knee area, subcutaneous; less than 3 cm			X
27328	Excision, tumor, soft tissue of thigh or knee area, subfascial (eg, intramuscular); less than 5 cm		X	
27329	Radical resection of tumor (eg, sarcoma), soft tissue of thigh or knee area; less than 5 cm		X	
27330	Arthrotomy, knee; with synovial biopsy only			X
27331	Arthrotomy, knee; including joint exploration, biopsy, or removal of loose or foreign bodies		X	
27332	Arthrotomy, with excision of semilunar cartilage (meniscectomy) knee; medial OR lateral		X	
27333	Arthrotomy, with excision of semilunar cartilage (meniscectomy) knee; medial AND lateral		X	
27334	Arthrotomy, with synovectomy, knee; anterior OR posterior		X	
27335	Arthrotomy, with synovectomy, knee; anterior AND posterior including popliteal area	X		
27337	Excision, tumor, soft tissue of thigh or knee area, subcutaneous; 3 cm or greater		X	
27339	Excision, tumor, soft tissue of thigh or knee area, subfascial (eg, intramuscular); 5 cm or greater		X	
27340	Excision, prepatellar bursa			X
27345	Excision of synovial cyst of popliteal space (eg, Baker's cyst)		X	
27347	Excision of lesion of meniscus or capsule (eg, cyst, ganglion), knee		X	
27350	Patellectomy or hemipatellectomy		X	
27355	Excision or curettage of bone cyst or benign tumor of femur;		X	
27356	Excision or curettage of bone cyst or benign tumor of femur; with allograft		X	

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27357	Excision or curettage of bone cyst or benign tumor of femur; with autograft (includes obtaining graft)	X		
27358	Excision or curettage of bone cyst or benign tumor of femur; with internal fixation (List in addition to code for primary procedure)		X	
27360	Partial excision (craterization, saucerization, or diaphysectomy) bone, femur, proximal tibia and/or fibula (eg, osteomyelitis or bone abscess)		X	
27364	Radical resection of tumor (eg, sarcoma), soft tissue of thigh or knee area; 5 cm or greater	X		
27365	Radical resection of tumor, femur or knee	X		
27370	Injection of contrast for knee arthrography			X
27372	Removal of foreign body, deep, thigh region or knee area		X	
27380	Suture of infrapatellar tendon; primary		X	
27381	Suture of infrapatellar tendon; secondary reconstruction, including fascial or tendon graft	X		
27385	Suture of quadriceps or hamstring muscle rupture; primary		X	
27386	Suture of quadriceps or hamstring muscle rupture; secondary reconstruction, including fascial or tendon graft	X		
27390	Tenotomy, open, hamstring, knee to hip; single tendon		X	
27391	Tenotomy, open, hamstring, knee to hip; multiple tendons, 1 leg		X	
27392	Tenotomy, open, hamstring, knee to hip; multiple tendons, bilateral	X		
27393	Lengthening of hamstring tendon; single tendon		X	
27394	Lengthening of hamstring tendon; multiple tendons, 1 leg		X	
27395	Lengthening of hamstring tendon; multiple tendons, bilateral	X		
27396	Transplant or transfer (with muscle redirection or rerouting), thigh (eg, extensor to flexor); single tendon		X	
27397	Transplant or transfer (with muscle redirection or rerouting), thigh (eg, extensor to flexor); multiple tendons		X	
27400	Transfer, tendon or muscle, hamstrings to femur (eg, Egger's type procedure)	X		
27403	Arthrotomy with meniscus repair, knee		X	
27405	Repair, primary, torn ligament and/or capsule, knee; collateral		X	
27407	Repair, primary, torn ligament and/or capsule, knee; cruciate	X		
27409	Repair, primary, torn ligament and/or capsule, knee; collateral and cruciate ligaments	X		
27412	Autologous chondrocyte implantation, knee	X		
27415	Osteochondral allograft, knee, open	X		
27416	Osteochondral autograft(s), knee, open (eg, mosaicplasty) (includes harvesting of autograft[s])		X	
27418	Anterior tibial tubercleplasty (eg, Maquet type procedure)		X	
27420	Reconstruction of dislocating patella; (eg, Hauser type procedure)		X	
27422	Reconstruction of dislocating patella; with extensor realignment and/or muscle advancement or release (eg, Campbell, Goldwaite type procedure)		X	
27424	Reconstruction of dislocating patella; with patellectomy		X	
27425	Lateral retinacular release, open			X
27427	Ligamentous reconstruction (augmentation), knee; extra-articular	X		
27428	Ligamentous reconstruction (augmentation), knee; intra-articular (open)	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
27429	Ligamentous reconstruction (augmentation), knee; intra-articular (open) and extra-articular	X		
27430	Quadricepsplasty (eg, Bennett or Thompson type)		X	
27435	Capsulotomy, posterior capsular release, knee	X		
27437	Arthroplasty, patella; without prosthesis			X
27438	Arthroplasty, patella; with prosthesis		X	
27440	Arthroplasty, knee, tibial plateau;		X	
27441	Arthroplasty, knee, tibial plateau; with debridement and partial synovectomy		X	
27442	Arthroplasty, femoral condyles or tibial plateau(s), knee;		X	
27443	Arthroplasty, femoral condyles or tibial plateau(s), knee; with debridement and partial synovectomy		X	
27445	Arthroplasty, knee, hinge prosthesis (eg, Walldius type)	X		
27446	Arthroplasty, knee, condyle and plateau; medial OR lateral compartment	X		
27447	Arthroplasty, knee, condyle and plateau; medial AND lateral compartments with or without patella resurfacing (total knee arthroplasty)	X		
27448	Osteotomy, femur, shaft or supracondylar; without fixation		X	
27450	Osteotomy, femur, shaft or supracondylar; with fixation		X	
27454	Osteotomy, multiple, with realignment on intramedullary rod, femoral shaft (eg, Sofield type procedure)	X		
27455	Osteotomy, proximal tibia, including fibular excision or osteotomy (includes correction of genu varus [bowleg] or genu valgus [knock-knee]); before epiphyseal closure		X	
27457	Osteotomy, proximal tibia, including fibular excision or osteotomy (includes correction of genu varus [bowleg] or genu valgus [knock-knee]); after epiphyseal closure		X	
27465	Osteoplasty, femur; shortening (excluding 64876)	X		
27466	Osteoplasty, femur; lengthening	X		
27468	Osteoplasty, femur; combined, lengthening and shortening with femoral segment transfer	X		
27470	Repair, nonunion or malunion, femur, distal to head and neck; without graft (eg, compression technique)	X		
27472	Repair, nonunion or malunion, femur, distal to head and neck; with iliac or other autogenous bone graft (includes obtaining graft)	X		
27475	Arrest, epiphyseal, any method (eg, epiphysiodesis); distal femur			X
27477	Arrest, epiphyseal, any method (eg, epiphysiodesis); tibia and fibula, proximal			X
27479	Arrest, epiphyseal, any method (eg, epiphysiodesis); combined distal femur, proximal tibia and fibula		X	
27485	Arrest, hemiepiphyseal, distal femur or proximal tibia or fibula (eg, genu varus or valgus)			X
27486	Revision of total knee arthroplasty, with or without allograft; 1 component	X		
27487	Revision of total knee arthroplasty, with or without allograft; femoral and entire tibial component	X		
27488	Removal of prosthesis, including total knee prosthesis, methylmethacrylate with or without insertion of spacer, knee	X		
27495	Prophylactic treatment (nailing, pinning, plating, or wiring) with or without methylmethacrylate, femur		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
27496	Decompression fasciotomy, thigh and/or knee, 1 compartment (flexor or extensor or adductor);		X	
27497	Decompression fasciotomy, thigh and/or knee, 1 compartment (flexor or extensor or adductor); with debridement of nonviable muscle and/or nerve		X	
27498	Decompression fasciotomy, thigh and/or knee, multiple compartments;		X	
27499	Decompression fasciotomy, thigh and/or knee, multiple compartments; with debridement of nonviable muscle and/or nerve		X	
27500	Closed treatment of femoral shaft fracture, without manipulation			X
27501	Closed treatment of supracondylar or transcondylar femoral fracture with or without intercondylar extension, without manipulation			X
27502	Closed treatment of femoral shaft fracture, with manipulation, with or without skin or skeletal traction		X	
27503	Closed treatment of supracondylar or transcondylar femoral fracture with or without intercondylar extension, with manipulation, with or without skin or skeletal traction		X	
27506	Open treatment of femoral shaft fracture, with or without external fixation, with insertion of intramedullary implant, with or without cerclage and/or locking screws		X	
27507	Open treatment of femoral shaft fracture with plate/screws, with or without cerclage		X	
27508	Closed treatment of femoral fracture, distal end, medial or lateral condyle, without manipulation			X
27509	Percutaneous skeletal fixation of femoral fracture, distal end, medial or lateral condyle, or supracondylar or transcondylar, with or without intercondylar extension, or distal femoral epiphyseal separation		X	
27510	Closed treatment of femoral fracture, distal end, medial or lateral condyle, with manipulation			X
27511	Open treatment of femoral supracondylar or transcondylar fracture without intercondylar extension, includes internal fixation, when performed		X	
27513	Open treatment of femoral supracondylar or transcondylar fracture with intercondylar extension, includes internal fixation, when performed		X	
27514	Open treatment of femoral fracture, distal end, medial or lateral condyle, includes internal fixation, when performed		X	
27516	Closed treatment of distal femoral epiphyseal separation; without manipulation			X
27517	Closed treatment of distal femoral epiphyseal separation; with manipulation, with or without skin or skeletal traction		X	
27519	Open treatment of distal femoral epiphyseal separation, includes internal fixation, when performed		X	
27520	Closed treatment of patellar fracture, without manipulation			X
27524	Open treatment of patellar fracture, with internal fixation and/or partial or complete patellectomy and soft tissue repair		X	
27530	Closed treatment of tibial fracture, proximal (plateau); without manipulation			X
27532	Closed treatment of tibial fracture, proximal (plateau); with or without manipulation, with skeletal traction			X
27535	Open treatment of tibial fracture, proximal (plateau); unicondylar, includes internal fixation, when performed		X	
27536	Open treatment of tibial fracture, proximal (plateau); bicondylar, with or without internal fixation	X		
27538	Closed treatment of intercondylar spine(s) and/or tuberosity fracture(s) of knee, with or without manipulation			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
27540	Open treatment of intercondylar spine(s) and/or tuberosity fracture(s) of the knee, includes internal fixation, when performed		X	
27550	Closed treatment of knee dislocation; without anesthesia			X
27552	Closed treatment of knee dislocation; requiring anesthesia		X	
27556	Open treatment of knee dislocation, includes internal fixation, when performed; without primary ligamentous repair or augmentation/reconstruction		X	
27557	Open treatment of knee dislocation, includes internal fixation, when performed; with primary ligamentous repair		X	
27558	Open treatment of knee dislocation, includes internal fixation, when performed; with primary ligamentous repair, with augmentation/reconstruction		X	
27560	Closed treatment of patellar dislocation; without anesthesia			X
27562	Closed treatment of patellar dislocation; requiring anesthesia			X
27566	Open treatment of patellar dislocation, with or without partial or total patellectomy		X	
27570	Manipulation of knee joint under general anesthesia (includes application of traction or other fixation devices)		X	
27580	Arthrodesis, knee, any technique		X	
27590	Amputation, thigh, through femur, any level;		X	
27591	Amputation, thigh, through femur, any level; immediate fitting technique including first cast		X	
27592	Amputation, thigh, through femur, any level; open, circular (guillotine)		X	
27594	Amputation, thigh, through femur, any level; secondary closure or scar revision		X	
27596	Amputation, thigh, through femur, any level; re-amputation		X	
27598	Disarticulation at knee		X	
27600	Decompression fasciotomy, leg; anterior and/or lateral compartments only			X
27601	Decompression fasciotomy, leg; posterior compartment(s) only			X
27602	Decompression fasciotomy, leg; anterior and/or lateral, and posterior compartment(s)		X	
27603	Incision and drainage, leg or ankle; deep abscess or hematoma			X
27604	Incision and drainage, leg or ankle; infected bursa			X
27605	Tenotomy, percutaneous, Achilles tendon (separate procedure); local anesthesia			X
27606	Tenotomy, percutaneous, Achilles tendon (separate procedure); general anesthesia			X
27607	Incision (eg, osteomyelitis or bone abscess), leg or ankle		X	
27610	Arthrotomy, ankle, including exploration, drainage, or removal of foreign body		X	
27612	Arthrotomy, posterior capsular release, ankle, with or without Achilles tendon lengthening		X	
27613	Biopsy, soft tissue of leg or ankle area; superficial			X
27614	Biopsy, soft tissue of leg or ankle area; deep (subfascial or intramuscular)			X
27615	Radical resection of tumor (eg, sarcoma), soft tissue of leg or ankle area; less than 5 cm		X	
27616	Radical resection of tumor (eg, sarcoma), soft tissue of leg or ankle area; 5 cm or greater	X		
27618	Excision, tumor, soft tissue of leg or ankle area, subcutaneous; less than 3 cm			X
27619	Excision, tumor, soft tissue of leg or ankle area, subfascial (eg, intramuscular); less than 5 cm		X	

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27620	Arthrotomy, ankle, with joint exploration, with or without biopsy, with or without removal of loose or foreign body		X	
27625	Arthrotomy, with synovectomy, ankle;		X	
27626	Arthrotomy, with synovectomy, ankle; including tenosynovectomy		X	
27630	Excision of lesion of tendon sheath or capsule (eg, cyst or ganglion), leg and/or ankle		X	
27632	Excision, tumor, soft tissue of leg or ankle area, subcutaneous; 3 cm or greater		X	
27634	Excision, tumor, soft tissue of leg or ankle area, subfascial (eg, intramuscular); 5 cm or greater		X	
27635	Excision or curettage of bone cyst or benign tumor, tibia or fibula;		X	
27637	Excision or curettage of bone cyst or benign tumor, tibia or fibula; with autograft (includes obtaining graft)		X	
27638	Excision or curettage of bone cyst or benign tumor, tibia or fibula; with allograft		X	
27640	Partial excision (craterization, saucerization, or diaphysectomy), bone (eg, osteomyelitis); tibia			X
27641	Partial excision (craterization, saucerization, or diaphysectomy), bone (eg, osteomyelitis); fibula			X
27645	Radical resection of tumor; tibia	X		
27646	Radical resection of tumor; fibula	X		
27647	Radical resection of tumor; talus or calcaneus	X		
27648	Injection procedure for ankle arthrography			X
27650	Repair, primary, open or percutaneous, ruptured Achilles tendon;		X	
27652	Repair, primary, open or percutaneous, ruptured Achilles tendon; with graft (includes obtaining graft)		X	
27654	Repair, secondary, Achilles tendon, with or without graft		X	
27656	Repair, fascial defect of leg		X	
27658	Repair, flexor tendon, leg; primary, without graft, each tendon		X	
27659	Repair, flexor tendon, leg; secondary, with or without graft, each tendon		X	
27664	Repair, extensor tendon, leg; primary, without graft, each tendon			X
27665	Repair, extensor tendon, leg; secondary, with or without graft, each tendon		X	
27675	Repair, dislocating peroneal tendons; without fibular osteotomy		X	
27676	Repair, dislocating peroneal tendons; with fibular osteotomy		X	
27680	Tenolysis, flexor or extensor tendon, leg and/or ankle; single, each tendon			X
27681	Tenolysis, flexor or extensor tendon, leg and/or ankle; multiple tendons (through separate incision[s])			X
27685	Lengthening or shortening of tendon, leg or ankle; single tendon (separate procedure)		X	
27686	Lengthening or shortening of tendon, leg or ankle; multiple tendons (through same incision), each		X	
27687	Gastrocnemius recession (eg, Strayer procedure)		X	
27690	Transfer or transplant of single tendon (with muscle redirection or rerouting); superficial (eg, anterior tibial extensors into midfoot)		X	
27691	Transfer or transplant of single tendon (with muscle redirection or rerouting); deep (eg, anterior tibial or posterior tibial through interosseous space, flexor digitorum longus, flexor hallucis longus, or peroneal tendon to midfoot or hindfoot)		X	
27692	Transfer or transplant of single tendon (with muscle redirection or rerouting); each additional tendon (List separately in addition to code for primary procedure)		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
27695	Repair, primary, disrupted ligament, ankle; collateral		X	
27696	Repair, primary, disrupted ligament, ankle; both collateral ligaments		X	
27698	Repair, secondary, disrupted ligament, ankle, collateral (eg, Watson-Jones procedure)	X		
27700	Arthroplasty, ankle;	X		
27702	Arthroplasty, ankle; with implant (total ankle)	X		
27703	Arthroplasty, ankle; revision, total ankle	X		
27704	Removal of ankle implant		X	
27705	Osteotomy; tibia	X		
27707	Osteotomy; fibula		X	
27709	Osteotomy; tibia and fibula	X		
27712	Osteotomy; multiple, with realignment on intramedullary rod (eg, Sofield type procedure)	X		
27715	Osteoplasty, tibia and fibula, lengthening or shortening	X		
27720	Repair of nonunion or malunion, tibia; without graft, (eg, compression technique)	X		
27722	Repair of nonunion or malunion, tibia; with sliding graft	X		
27724	Repair of nonunion or malunion, tibia; with iliac or other autograft (includes obtaining graft)	X		
27725	Repair of nonunion or malunion, tibia; by synostosis, with fibula, any method	X		
27726	Repair of fibula nonunion and/or malunion with internal fixation	X		
27727	Repair of congenital pseudarthrosis, tibia	X		
27730	Arrest, epiphyseal (epiphysiodesis), open; distal tibia			X
27732	Arrest, epiphyseal (epiphysiodesis), open; distal fibula			X
27734	Arrest, epiphyseal (epiphysiodesis), open; distal tibia and fibula			X
27740	Arrest, epiphyseal (epiphysiodesis), any method, combined, proximal and distal tibia and fibula;		X	
27742	Arrest, epiphyseal (epiphysiodesis), any method, combined, proximal and distal tibia and fibula; and distal femur		X	
27745	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate, tibia		X	
27750	Closed treatment of tibial shaft fracture (with or without fibular fracture); without manipulation			X
27752	Closed treatment of tibial shaft fracture (with or without fibular fracture); with manipulation, with or without skeletal traction		X	
27756	Percutaneous skeletal fixation of tibial shaft fracture (with or without fibular fracture) (eg, pins or screws)		X	
27758	Open treatment of tibial shaft fracture (with or without fibular fracture), with plate/screws, with or without cerclage	X		
27759	Treatment of tibial shaft fracture (with or without fibular fracture) by intramedullary implant, with or without interlocking screws and/or cerclage	X		
27760	Closed treatment of medial malleolus fracture; without manipulation			X
27762	Closed treatment of medial malleolus fracture; with manipulation, with or without skin or skeletal traction			X
27766	Open treatment of medial malleolus fracture, includes internal fixation, when performed		X	
27767	Closed treatment of posterior malleolus fracture; without manipulation			X

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27768	Closed treatment of posterior malleolus fracture; with manipulation		X	
27769	Open treatment of posterior malleolus fracture, includes internal fixation, when performed	X		
27780	Closed treatment of proximal fibula or shaft fracture; without manipulation			X
27781	Closed treatment of proximal fibula or shaft fracture; with manipulation		X	
27784	Open treatment of proximal fibula or shaft fracture, includes internal fixation, when performed	X		
27786	Closed treatment of distal fibular fracture (lateral malleolus); without manipulation			X
27788	Closed treatment of distal fibular fracture (lateral malleolus); with manipulation			X
27792	Open treatment of distal fibular fracture (lateral malleolus), includes internal fixation, when performed		X	
27808	Closed treatment of bimalleolar ankle fracture (eg, lateral and medial malleoli, or lateral and posterior malleoli or medial and posterior malleoli); without manipulation			X
27810	Closed treatment of bimalleolar ankle fracture (eg, lateral and medial malleoli, or lateral and posterior malleoli or medial and posterior malleoli); with manipulation		X	
27814	Open treatment of bimalleolar ankle fracture (eg, lateral and medial malleoli, or lateral and posterior malleoli, or medial and posterior malleoli), includes internal fixation, when performed		X	
27816	Closed treatment of trimalleolar ankle fracture; without manipulation			X
27818	Closed treatment of trimalleolar ankle fracture; with manipulation		X	
27822	Open treatment of trimalleolar ankle fracture, includes internal fixation, when performed, medial and/or lateral malleolus; without fixation of posterior lip	X		
27823	Open treatment of trimalleolar ankle fracture, includes internal fixation, when performed, medial and/or lateral malleolus; with fixation of posterior lip	X		
27824	Closed treatment of fracture of weight bearing articular portion of distal tibia (eg, pilon or tibial plafond), with or without anesthesia; without manipulation			X
27825	Closed treatment of fracture of weight bearing articular portion of distal tibia (eg, pilon or tibial plafond), with or without anesthesia; with skeletal traction and/or requiring manipulation			X
27826	Open treatment of fracture of weight bearing articular surface/portion of distal tibia (eg, pilon or tibial plafond), with internal fixation, when performed; of fibula only	X		
27827	Open treatment of fracture of weight bearing articular surface/portion of distal tibia (eg, pilon or tibial plafond), with internal fixation, when performed; of tibia only	X		
27828	Open treatment of fracture of weight bearing articular surface/portion of distal tibia (eg, pilon or tibial plafond), with internal fixation, when performed; of both tibia and fibula	X		
27829	Open treatment of distal tibiofibular joint (syndesmosis) disruption, includes internal fixation, when performed		X	
27830	Closed treatment of proximal tibiofibular joint dislocation; without anesthesia			X
27831	Closed treatment of proximal tibiofibular joint dislocation; requiring anesthesia			X
27832	Open treatment of proximal tibiofibular joint dislocation, includes internal fixation, when performed, or with excision of proximal fibula	X		
27840	Closed treatment of ankle dislocation; without anesthesia			X
27842	Closed treatment of ankle dislocation; requiring anesthesia, with or without percutaneous skeletal fixation		X	
27846	Open treatment of ankle dislocation, with or without percutaneous skeletal fixation; without repair or internal fixation		X	

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27848	Open treatment of ankle dislocation, with or without percutaneous skeletal fixation; with repair or internal or external fixation	X		
27860	Manipulation of ankle under general anesthesia (includes application of traction or other fixation apparatus)		X	
27870	Arthrodesis, ankle, open	X		
27871	Arthrodesis, tibiofibular joint, proximal or distal	X		
27880	Amputation, leg, through tibia and fibula;		X	
27881	Amputation, leg, through tibia and fibula; with immediate fitting technique including application of first cast		X	
27882	Amputation, leg, through tibia and fibula; open, circular (guillotine)		X	
27884	Amputation, leg, through tibia and fibula; secondary closure or scar revision		X	
27886	Amputation, leg, through tibia and fibula; re-amputation		X	
27888	Amputation, ankle, through malleoli of tibia and fibula (eg, Syme, Pirogoff type procedures), with plastic closure and resection of nerves		X	
27889	Ankle disarticulation		X	
27892	Decompression fasciotomy, leg; anterior and/or lateral compartments only, with debridement of nonviable muscle and/or nerve		X	
27893	Decompression fasciotomy, leg; posterior compartment(s) only, with debridement of nonviable muscle and/or nerve		X	
27894	Decompression fasciotomy, leg; anterior and/or lateral, and posterior compartment(s), with debridement of nonviable muscle and/or nerve		X	
28001	Incision and drainage, bursa, foot			X
28002	Incision and drainage below fascia, with or without tendon sheath involvement, foot; single bursal space			X
28003	Incision and drainage below fascia, with or without tendon sheath involvement, foot; multiple areas			X
28005	Incision, bone cortex (eg, osteomyelitis or bone abscess), foot		X	
28008	Fasciotomy, foot and/or toe			X
28010	Tenotomy, percutaneous, toe; single tendon			X
28011	Tenotomy, percutaneous, toe; multiple tendons			X
28020	Arthrotomy, including exploration, drainage, or removal of loose or foreign body; intertarsal or tarsometatarsal joint			X
28022	Arthrotomy, including exploration, drainage, or removal of loose or foreign body; metatarsophalangeal joint			X
28024	Arthrotomy, including exploration, drainage, or removal of loose or foreign body; interphalangeal joint			X
28035	Release, tarsal tunnel (posterior tibial nerve decompression)			X
28039	Excision, tumor, soft tissue of foot or toe, subcutaneous; 1.5 cm or greater		X	
28041	Excision, tumor, soft tissue of foot or toe, subfascial (eg, intramuscular); 1.5 cm or greater		X	
28043	Excision, tumor, soft tissue of foot or toe, subcutaneous; less than 1.5 cm			X
28045	Excision, tumor, soft tissue of foot or toe, subfascial (eg, intramuscular); less than 1.5 cm		X	
28046	Radical resection of tumor (eg, sarcoma), soft tissue of foot or toe; less than 3 cm		X	
28047	Radical resection of tumor (eg, sarcoma), soft tissue of foot or toe; 3 cm or greater	X		

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28050	Arthrotomy with biopsy; intertarsal or tarsometatarsal joint			X
28052	Arthrotomy with biopsy; metatarsophalangeal joint			X
28054	Arthrotomy with biopsy; interphalangeal joint			X
28055	Neurectomy, intrinsic musculature of foot		X	
28060	Fasciectomy, plantar fascia; partial (separate procedure)			X
28062	Fasciectomy, plantar fascia; radical (separate procedure)		X	
28070	Synovectomy; intertarsal or tarsometatarsal joint, each			X
28072	Synovectomy; metatarsophalangeal joint, each			X
28080	Excision, interdigital (Morton) neuroma, single, each			X
28086	Synovectomy, tendon sheath, foot; flexor		X	
28088	Synovectomy, tendon sheath, foot; extensor			X
28090	Excision of lesion, tendon, tendon sheath, or capsule (including synovectomy) (eg, cyst or ganglion); foot			X
28092	Excision of lesion, tendon, tendon sheath, or capsule (including synovectomy) (eg, cyst or ganglion); toe(s), each			X
28100	Excision or curettage of bone cyst or benign tumor, talus or calcaneus;		X	
28102	Excision or curettage of bone cyst or benign tumor, talus or calcaneus; with iliac or other autograft (includes obtaining graft)		X	
28103	Excision or curettage of bone cyst or benign tumor, talus or calcaneus; with allograft		X	
28104	Excision or curettage of bone cyst or benign tumor, tarsal or metatarsal, except talus or calcaneus;		X	
28106	Excision or curettage of bone cyst or benign tumor, tarsal or metatarsal, except talus or calcaneus; with iliac or other autograft (includes obtaining graft)		X	
28107	Excision or curettage of bone cyst or benign tumor, tarsal or metatarsal, except talus or calcaneus; with allograft		X	
28108	Excision or curettage of bone cyst or benign tumor, phalanges of foot			X
28110	Ostectomy, partial excision, fifth metatarsal head (bunionette) (separate procedure)			X
28111	Ostectomy, complete excision; first metatarsal head			X
28112	Ostectomy, complete excision; other metatarsal head (second, third or fourth)			X
28113	Ostectomy, complete excision; fifth metatarsal head			X
28114	Ostectomy, complete excision; all metatarsal heads, with partial proximal phalangectomy, excluding first metatarsal (eg, Clayton type procedure)		X	
28116	Ostectomy, excision of tarsal coalition	X		
28118	Ostectomy, calcaneus;		X	
28119	Ostectomy, calcaneus; for spur, with or without plantar fascial release		X	
28120	Partial excision (craterization, saucerization, sequestrectomy, or diaphysectomy) bone (eg, osteomyelitis or bossing); talus or calcaneus			X
28122	Partial excision (craterization, saucerization, sequestrectomy, or diaphysectomy) bone (eg, osteomyelitis or bossing); tarsal or metatarsal bone, except talus or calcaneus			X
28124	Partial excision (craterization, saucerization, sequestrectomy, or diaphysectomy) bone (eg, osteomyelitis or bossing); phalanx of toe			X
28126	Resection, partial or complete, phalangeal base, each toe			X
28130	Talectomy (astragalectomy)	X		
28140	Metatarsectomy		X	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
28150	Phalangeotomy, toe, each toe			X
28153	Resection, condyle(s), distal end of phalanx, each toe			X
28160	Hemiphalangectomy or interphalangeal joint excision, toe, proximal end of phalanx, each			X
28171	Radical resection of tumor; tarsal (except talus or calcaneus)	X		
28173	Radical resection of tumor; metatarsal	X		
28175	Radical resection of tumor; phalanx of toe	X		
28190	Removal of foreign body, foot; subcutaneous			X
28192	Removal of foreign body, foot; deep			X
28193	Removal of foreign body, foot; complicated			X
28200	Repair, tendon, flexor, foot; primary or secondary, without free graft, each tendon		X	
28202	Repair, tendon, flexor, foot; secondary with free graft, each tendon (includes obtaining graft)		X	
28208	Repair, tendon, extensor, foot; primary or secondary, each tendon			X
28210	Repair, tendon, extensor, foot; secondary with free graft, each tendon (includes obtaining graft)		X	
28220	Tenolysis, flexor, foot; single tendon			X
28222	Tenolysis, flexor, foot; multiple tendons			X
28225	Tenolysis, extensor, foot; single tendon			X
28226	Tenolysis, extensor, foot; multiple tendons			X
28230	Tenotomy, open, tendon flexor; foot, single or multiple tendon(s) (separate procedure)			X
28232	Tenotomy, open, tendon flexor; toe, single tendon (separate procedure)			X
28234	Tenotomy, open, extensor, foot or toe, each tendon			X
28238	Reconstruction (advancement), posterior tibial tendon with excision of accessory tarsal navicular bone (eg, Kidner type procedure)		X	
28240	Tenotomy, lengthening, or release, abductor hallucis muscle			X
28250	Division of plantar fascia and muscle (eg, Steindler stripping) (separate procedure)		X	
28260	Capsulotomy, midfoot; medial release only (separate procedure)	X		
28261	Capsulotomy, midfoot; with tendon lengthening	X		
28262	Capsulotomy, midfoot; extensive, including posterior talotibial capsulotomy and tendon(s) lengthening (eg, resistant clubfoot deformity)	X		
28264	Capsulotomy, midtarsal (eg, Heyman type procedure)	X		
28270	Capsulotomy; metatarsophalangeal joint, with or without tenorrhaphy, each joint (separate procedure)		X	
28272	Capsulotomy; interphalangeal joint, each joint (separate procedure)			X
28280	Syndactylization, toes (eg, webbing or Keikian type procedure)			X
28285	Correction, hammertoe (eg, interphalangeal fusion, partial or total phalangeotomy)			X
28286	Correction, cock-up fifth toe, with plastic skin closure (eg, Ruiz-Mora type procedure)		X	
28288	Ostectomy, partial, exostectomy or condylectomy, metatarsal head, each metatarsal head		X	
28289	Hallux rigidus correction with cheilectomy, debridement and capsular release of the first metatarsophalangeal joint			X
28290	Correction, hallux valgus (bunion), with or without sesamoidectomy; simple exostectomy (eg, Silver type procedure)		X	

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28292	Correction, hallux valgus (bunion), with or without sesamoidectomy; Keller, McBride, or Mayo type procedure		X	
28293	Correction, hallux valgus (bunion), with or without sesamoidectomy; resection of joint with implant		X	
28294	Correction, hallux valgus (bunion), with or without sesamoidectomy; with tendon transplants (eg, Joplin type procedure)		X	
28296	Correction, hallux valgus (bunion), with or without sesamoidectomy; with metatarsal osteotomy (eg, Mitchell, Chevron, or concentric type procedures)	X		
28297	Correction, hallux valgus (bunion), with or without sesamoidectomy; Lapidus-type procedure	X		
28298	Correction, hallux valgus (bunion), with or without sesamoidectomy; by phalanx osteotomy		X	
28299	Correction, hallux valgus (bunion), with or without sesamoidectomy; by double osteotomy	X		
28300	Osteotomy; calcaneus (eg, Dwyer or Chambers type procedure), with or without internal fixation	X		
28302	Osteotomy; talus	X		
28304	Osteotomy, tarsal bones, other than calcaneus or talus;		X	
28305	Osteotomy, tarsal bones, other than calcaneus or talus; with autograft (includes obtaining graft) (eg, Fowler type)		X	
28306	Osteotomy, with or without lengthening, shortening or angular correction, metatarsal; first metatarsal		X	
28307	Osteotomy, with or without lengthening, shortening or angular correction, metatarsal; first metatarsal with autograft (other than first toe)		X	
28308	Osteotomy, with or without lengthening, shortening or angular correction, metatarsal; other than first metatarsal, each		X	
28309	Osteotomy, with or without lengthening, shortening or angular correction, metatarsal; multiple (eg, Swanson type cavus foot procedure)		X	
28310	Osteotomy, shortening, angular or rotational correction; proximal phalanx, first toe (separate procedure)			X
28312	Osteotomy, shortening, angular or rotational correction; other phalanges, any toe			X
28313	Reconstruction, angular deformity of toe, soft tissue procedures only (eg, overlapping second toe, fifth toe, curly toes)		X	
28315	Sesamoidectomy, first toe (separate procedure)			X
28320	Repair, nonunion or malunion; tarsal bones	X		
28322	Repair, nonunion or malunion; metatarsal, with or without bone graft (includes obtaining graft)	X		
28340	Reconstruction, toe, macrodactyly; soft tissue resection	X		
28341	Reconstruction, toe, macrodactyly; requiring bone resection	X		
28344	Reconstruction, toe(s); polydactyly		X	
28345	Reconstruction, toe(s); syndactyly, with or without skin graft(s), each web		X	
28360	Reconstruction, cleft foot		X	
28400	Closed treatment of calcaneal fracture; without manipulation			X
28405	Closed treatment of calcaneal fracture; with manipulation			X
28406	Percutaneous skeletal fixation of calcaneal fracture, with manipulation			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
28415	Open treatment of calcaneal fracture, includes internal fixation, when performed;	X		
28420	Open treatment of calcaneal fracture, includes internal fixation, when performed; with primary iliac or other autogenous bone graft (includes obtaining graft)	X		
28430	Closed treatment of talus fracture; without manipulation			X
28435	Closed treatment of talus fracture; with manipulation			X
28436	Percutaneous skeletal fixation of talus fracture, with manipulation			X
28445	Open treatment of talus fracture, includes internal fixation, when performed	X		
28446	Open osteochondral autograft, talus (includes obtaining graft[s])	X		
28450	Treatment of tarsal bone fracture (except talus and calcaneus); without manipulation, each			X
28455	Treatment of tarsal bone fracture (except talus and calcaneus); with manipulation, each			X
28456	Percutaneous skeletal fixation of tarsal bone fracture (except talus and calcaneus), with manipulation, each			X
28465	Open treatment of tarsal bone fracture (except talus and calcaneus), includes internal fixation, when performed, each	X		
28470	Closed treatment of metatarsal fracture; without manipulation, each			X
28475	Closed treatment of metatarsal fracture; with manipulation, each			X
28476	Percutaneous skeletal fixation of metatarsal fracture, with manipulation, each			X
28485	Open treatment of metatarsal fracture, includes internal fixation, when performed, each		X	
28490	Closed treatment of fracture great toe, phalanx or phalanges; without manipulation			X
28495	Closed treatment of fracture great toe, phalanx or phalanges; with manipulation			X
28496	Percutaneous skeletal fixation of fracture great toe, phalanx or phalanges, with manipulation			X
28505	Open treatment of fracture, great toe, phalanx or phalanges, includes internal fixation, when performed			X
28510	Closed treatment of fracture, phalanx or phalanges, other than great toe; without manipulation, each			X
28515	Closed treatment of fracture, phalanx or phalanges, other than great toe; with manipulation, each			X
28525	Open treatment of fracture, phalanx or phalanges, other than great toe, includes internal fixation, when performed, each			X
28530	Closed treatment of sesamoid fracture			X
28531	Open treatment of sesamoid fracture, with or without internal fixation		X	
28540	Closed treatment of tarsal bone dislocation, other than talotarsal; without anesthesia			X
28545	Closed treatment of tarsal bone dislocation, other than talotarsal; requiring anesthesia			X
28546	Percutaneous skeletal fixation of tarsal bone dislocation, other than talotarsal, with manipulation			X
28555	Open treatment of tarsal bone dislocation, includes internal fixation, when performed		X	
28570	Closed treatment of talotarsal joint dislocation; without anesthesia			X
28575	Closed treatment of talotarsal joint dislocation; requiring anesthesia			X
28576	Percutaneous skeletal fixation of talotarsal joint dislocation, with manipulation		X	
28585	Open treatment of talotarsal joint dislocation, includes internal fixation, when performed		X	

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28600	Closed treatment of tarsometatarsal joint dislocation; without anesthesia			X
28605	Closed treatment of tarsometatarsal joint dislocation; requiring anesthesia			X
28606	Percutaneous skeletal fixation of tarsometatarsal joint dislocation, with manipulation			X
28615	Open treatment of tarsometatarsal joint dislocation, includes internal fixation, when performed		X	
28630	Closed treatment of metatarsophalangeal joint dislocation; without anesthesia			X
28635	Closed treatment of metatarsophalangeal joint dislocation; requiring anesthesia			X
28636	Percutaneous skeletal fixation of metatarsophalangeal joint dislocation, with manipulation			X
28645	Open treatment of metatarsophalangeal joint dislocation, includes internal fixation, when performed			X
28660	Closed treatment of interphalangeal joint dislocation; without anesthesia			X
28665	Closed treatment of interphalangeal joint dislocation; requiring anesthesia			X
28666	Percutaneous skeletal fixation of interphalangeal joint dislocation, with manipulation			X
28675	Open treatment of interphalangeal joint dislocation, includes internal fixation, when performed			X
28705	Arthrodesis; pantalar	X		
28715	Arthrodesis; triple	X		
28725	Arthrodesis; subtalar	X		
28730	Arthrodesis, midtarsal or tarsometatarsal, multiple or transverse;	X		
28735	Arthrodesis, midtarsal or tarsometatarsal, multiple or transverse; with osteotomy (eg, flatfoot correction)	X		
28737	Arthrodesis, with tendon lengthening and advancement, midtarsal, tarsal navicular-cuneiform (eg, Miller type procedure)	X		
28740	Arthrodesis, midtarsal or tarsometatarsal, single joint	X		
28750	Arthrodesis, great toe; metatarsophalangeal joint	X		
28755	Arthrodesis, great toe; interphalangeal joint		X	
28760	Arthrodesis, with extensor hallucis longus transfer to first metatarsal neck, great toe, interphalangeal joint (eg, Jones type procedure)	X		
28800	Amputation, foot; midtarsal (eg, Chopart type procedure)		X	
28805	Amputation, foot; transmetatarsal		X	
28810	Amputation, metatarsal, with toe, single			X
28820	Amputation, toe; metatarsophalangeal joint			X
28825	Amputation, toe; interphalangeal joint			X
28890	Extracorporeal shock wave, high energy, performed by a physician or other qualified health care professional, requiring anesthesia other than local, including ultrasound guidance, involving the plantar fascia			X
29000	Application of halo type body cast (see 20661-20663 for insertion)		X	
29010	Application of Risser jacket, localizer, body; only		X	
29015	Application of Risser jacket, localizer, body; including head		X	
29035	Application of body cast, shoulder to hips;		X	
29040	Application of body cast, shoulder to hips; including head, Minerva type		X	
29044	Application of body cast, shoulder to hips; including 1 thigh		X	
29046	Application of body cast, shoulder to hips; including both thighs		X	

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29049	Application, cast; figure-of-eight			X
29055	Application, cast; shoulder spica		X	
29058	Application, cast; plaster Velpeau			X
29065	Application, cast; shoulder to hand (long arm)			X
29075	Application, cast; elbow to finger (short arm)			X
29085	Application, cast; hand and lower forearm (gauntlet)			X
29086	Application, cast; finger (eg, contracture)			X
29105	Application of long arm splint (shoulder to hand)			X
29125	Application of short arm splint (forearm to hand); static			X
29126	Application of short arm splint (forearm to hand); dynamic			X
29130	Application of finger splint; static			X
29131	Application of finger splint; dynamic			X
29200	Strapping; thorax			X
29240	Strapping; shoulder (eg, Velpeau)			X
29260	Strapping; elbow or wrist			X
29280	Strapping; hand or finger			X
29305	Application of hip spica cast; 1 leg		X	
29325	Application of hip spica cast; 1 and one-half spica or both legs		X	
29345	Application of long leg cast (thigh to toes);			X
29355	Application of long leg cast (thigh to toes); walker or ambulatory type			X
29358	Application of long leg cast brace			X
29365	Application of cylinder cast (thigh to ankle)			X
29405	Application of short leg cast (below knee to toes);			X
29425	Application of short leg cast (below knee to toes); walking or ambulatory type			X
29435	Application of patellar tendon bearing (PTB) cast			X
29440	Adding walker to previously applied cast			X
29445	Application of rigid total contact leg cast			X
29450	Application of clubfoot cast with molding or manipulation, long or short leg			X
29505	Application of long leg splint (thigh to ankle or toes)			X
29515	Application of short leg splint (calf to foot)			X
29520	Strapping; hip			X
29530	Strapping; knee			X
29540	Strapping; ankle and/or foot			X
29550	Strapping; toes			X
29580	Strapping; Unna boot			X
29581	Application of multi-layer compression system; leg (below knee), including ankle and foot			X
29582	Application of multi-layer compression system; thigh and leg, including ankle and foot, when performed			X
29583	Application of multi-layer compression system; upper arm and forearm			X
29584	Application of multi-layer compression system; upper arm, forearm, hand, and fingers			X
29700	Removal or bivalving; gauntlet, boot or body cast			X

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29705	Removal or bivalving; full arm or full leg cast			X
29710	Removal or bivalving; shoulder or hip spica, Minerva, or Risser jacket, etc.			X
29720	Repair of spica, body cast or jacket			X
29730	Windowing of cast			X
29740	Wedging of cast (except clubfoot casts)			X
29750	Wedging of clubfoot cast			X
29800	Arthroscopy, temporomandibular joint, diagnostic, with or without synovial biopsy (separate procedure)		X	
29804	Arthroscopy, temporomandibular joint, surgical		X	
29805	Arthroscopy, shoulder, diagnostic, with or without synovial biopsy (separate procedure)			X
29806	Arthroscopy, shoulder, surgical; capsulorrhaphy	X		
29807	Arthroscopy, shoulder, surgical; repair of SLAP lesion	X		
29819	Arthroscopy, shoulder, surgical; with removal of loose body or foreign body		X	
29820	Arthroscopy, shoulder, surgical; synovectomy, partial		X	
29821	Arthroscopy, shoulder, surgical; synovectomy, complete		X	
29822	Arthroscopy, shoulder, surgical; debridement, limited		X	
29823	Arthroscopy, shoulder, surgical; debridement, extensive		X	
29824	Arthroscopy, shoulder, surgical; distal claviclectomy including distal articular surface (Mumford procedure)		X	
29825	Arthroscopy, shoulder, surgical; with lysis and resection of adhesions, with or without manipulation		X	
29826	Arthroscopy, shoulder, surgical; decompression of subacromial space with partial acromioplasty, with coracoacromial ligament (ie, arch) release, when performed (List separately in addition to code for primary procedure)		X	
29827	Arthroscopy, shoulder, surgical; with rotator cuff repair	X		
29828	Arthroscopy, shoulder, surgical; biceps tenodesis	X		
29830	Arthroscopy, elbow, diagnostic, with or without synovial biopsy (separate procedure)		X	
29834	Arthroscopy, elbow, surgical; with removal of loose body or foreign body		X	
29835	Arthroscopy, elbow, surgical; synovectomy, partial		X	
29836	Arthroscopy, elbow, surgical; synovectomy, complete		X	
29837	Arthroscopy, elbow, surgical; debridement, limited		X	
29838	Arthroscopy, elbow, surgical; debridement, extensive		X	
29840	Arthroscopy, wrist, diagnostic, with or without synovial biopsy (separate procedure)		X	
29843	Arthroscopy, wrist, surgical; for infection, lavage and drainage		X	
29844	Arthroscopy, wrist, surgical; synovectomy, partial		X	
29845	Arthroscopy, wrist, surgical; synovectomy, complete		X	
29846	Arthroscopy, wrist, surgical; excision and/or repair of triangular fibrocartilage and/or joint debridement	X		
29847	Arthroscopy, wrist, surgical; internal fixation for fracture or instability	X		
29848	Endoscopy, wrist, surgical, with release of transverse carpal ligament		X	
29850	Arthroscopically aided treatment of intercondylar spine(s) and/or tuberosity fracture(s) of the knee, with or without manipulation; without internal or external fixation (includes arthroscopy)		X	

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29851	Arthroscopically aided treatment of intercondylar spine(s) and/or tuberosity fracture(s) of the knee, with or without manipulation; with internal or external fixation (includes arthroscopy)	X		
29855	Arthroscopically aided treatment of tibial fracture, proximal (plateau); unicondylar, includes internal fixation, when performed (includes arthroscopy)	X		
29856	Arthroscopically aided treatment of tibial fracture, proximal (plateau); bicondylar, includes internal fixation, when performed (includes arthroscopy)	X		
29860	Arthroscopy, hip, diagnostic with or without synovial biopsy (separate procedure)		X	
29861	Arthroscopy, hip, surgical; with removal of loose body or foreign body		X	
29862	Arthroscopy, hip, surgical; with debridement/shaving of articular cartilage (chondroplasty), abrasion arthroplasty, and/or resection of labrum		X	
29863	Arthroscopy, hip, surgical; with synovectomy		X	
29866	Arthroscopy, knee, surgical; osteochondral autograft(s) (eg, mosaicplasty) (includes harvesting of the autograft[s])	X		
29867	Arthroscopy, knee, surgical; osteochondral allograft (eg, mosaicplasty)	X		
29868	Arthroscopy, knee, surgical; meniscal transplantation (includes arthrotomy for meniscal insertion), medial or lateral	X		
29870	Arthroscopy, knee, diagnostic, with or without synovial biopsy (separate procedure)			X
29871	Arthroscopy, knee, surgical; for infection, lavage and drainage			X
29873	Arthroscopy, knee, surgical; with lateral release			X
29874	Arthroscopy, knee, surgical; for removal of loose body or foreign body (eg, osteochondritis dissecans fragmentation, chondral fragmentation)		X	
29875	Arthroscopy, knee, surgical; synovectomy, limited (eg, plica or shelf resection) (separate procedure)			X
29876	Arthroscopy, knee, surgical; synovectomy, major, 2 or more compartments (eg, medial or lateral)		X	
29877	Arthroscopy, knee, surgical; debridement/shaving of articular cartilage (chondroplasty)		X	
29879	Arthroscopy, knee, surgical; abrasion arthroplasty (includes chondroplasty where necessary) or multiple drilling or microfracture		X	
29880	Arthroscopy, knee, surgical; with meniscectomy (medial AND lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed		X	
29881	Arthroscopy, knee, surgical; with meniscectomy (medial OR lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed		X	
29882	Arthroscopy, knee, surgical; with meniscus repair (medial OR lateral)	X		
29883	Arthroscopy, knee, surgical; with meniscus repair (medial AND lateral)	X		
29884	Arthroscopy, knee, surgical; with lysis of adhesions, with or without manipulation (separate procedure)		X	
29885	Arthroscopy, knee, surgical; drilling for osteochondritis dissecans with bone grafting, with or without internal fixation (including debridement of base of lesion)	X		
29886	Arthroscopy, knee, surgical; drilling for intact osteochondritis dissecans lesion		X	
29887	Arthroscopy, knee, surgical; drilling for intact osteochondritis dissecans lesion with internal fixation	X		
29888	Arthroscopically aided anterior cruciate ligament repair/augmentation or reconstruction	X		

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29889	Arthroscopically aided posterior cruciate ligament repair/augmentation or reconstruction	X		
29891	Arthroscopy, ankle, surgical, excision of osteochondral defect of talus and/or tibia, including drilling of the defect			X
29892	Arthroscopically aided repair of large osteochondritis dissecans lesion, talar dome fracture, or tibial plafond fracture, with or without internal fixation (includes arthroscopy)			X
29893	Endoscopic plantar fasciotomy			X
29894	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; with removal of loose body or foreign body		X	
29895	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; synovectomy, partial		X	
29897	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; debridement, limited		X	
29898	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; debridement, extensive		X	
29899	Arthroscopy, ankle (tibiotalar and fibulotalar joints), surgical; with ankle arthrodesis	X		
29900	Arthroscopy, metacarpophalangeal joint, diagnostic, includes synovial biopsy		X	
29901	Arthroscopy, metacarpophalangeal joint, surgical; with debridement		X	
29902	Arthroscopy, metacarpophalangeal joint, surgical; with reduction of displaced ulnar collateral ligament (eg, Stenar lesion)		X	
29904	Arthroscopy, subtalar joint, surgical; with removal of loose body or foreign body			X
29905	Arthroscopy, subtalar joint, surgical; with synovectomy			X
29906	Arthroscopy, subtalar joint, surgical; with debridement			X
29907	Arthroscopy, subtalar joint, surgical; with subtalar arthrodesis	X		
29914	Arthroscopy, hip, surgical; with femoroplasty (ie, treatment of cam lesion)		X	
29915	Arthroscopy, hip, surgical; with acetabuloplasty (ie, treatment of pincer lesion)		X	
29916	Arthroscopy, hip, surgical; with labral repair		X	
30000	Drainage abscess or hematoma, nasal, internal approach			X
30020	Drainage abscess or hematoma, nasal septum			X
30100	Biopsy, intranasal			X
30110	Excision, nasal polyp(s), simple			X
30115	Excision, nasal polyp(s), extensive			X
30117	Excision or destruction (eg, laser), intranasal lesion; internal approach			X
30118	Excision or destruction (eg, laser), intranasal lesion; external approach (lateral rhinotomy)		X	
30120	Excision or surgical planing of skin of nose for rhinophyma			X
30124	Excision dermoid cyst, nose; simple, skin, subcutaneous			X
30125	Excision dermoid cyst, nose; complex, under bone or cartilage		X	
30130	Excision inferior turbinate, partial or complete, any method			X
30140	Submucous resection inferior turbinate, partial or complete, any method			X
30150	Rhinectomy; partial			X
30160	Rhinectomy; total		X	
30200	Injection into turbinate(s), therapeutic			X
30210	Displacement therapy (Proetz type)			X
30220	Insertion, nasal septal prosthesis (button)			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
30300	Removal foreign body, intranasal; office type procedure			X
30310	Removal foreign body, intranasal; requiring general anesthesia		X	
30320	Removal foreign body, intranasal; by lateral rhinotomy		X	
30400	Rhinoplasty, primary; lateral and alar cartilages and/or elevation of nasal tip			X
30410	Rhinoplasty, primary; complete, external parts including bony pyramid, lateral and alar cartilages, and/or elevation of nasal tip		X	
30420	Rhinoplasty, primary; including major septal repair		X	
30430	Rhinoplasty, secondary; minor revision (small amount of nasal tip work)		X	
30435	Rhinoplasty, secondary; intermediate revision (bony work with osteotomies)		X	
30450	Rhinoplasty, secondary; major revision (nasal tip work and osteotomies)		X	
30460	Rhinoplasty for nasal deformity secondary to congenital cleft lip and/or palate, including columellar lengthening; tip only		X	
30462	Rhinoplasty for nasal deformity secondary to congenital cleft lip and/or palate, including columellar lengthening; tip, septum, osteotomies		X	
30465	Repair of nasal vestibular stenosis (eg, spreader grafting, lateral nasal wall reconstruction)		X	
30520	Septoplasty or submucous resection, with or without cartilage scoring, contouring or replacement with graft			X
30540	Repair choanal atresia; intranasal			X
30545	Repair choanal atresia; transpalatine			X
30560	Lysis intranasal synechia			X
30580	Repair fistula; oromaxillary (combine with 31030 if antrotomy is included)		X	
30600	Repair fistula; oronasal		X	
30620	Septal or other intranasal dermatoplasty (does not include obtaining graft)		X	
30630	Repair nasal septal perforations		X	
30801	Ablation, soft tissue of inferior turbinates, unilateral or bilateral, any method (eg, electrocautery, radiofrequency ablation, or tissue volume reduction); superficial			X
30802	Ablation, soft tissue of inferior turbinates, unilateral or bilateral, any method (eg, electrocautery, radiofrequency ablation, or tissue volume reduction); intramural (ie, submucosal)			X
30901	Control nasal hemorrhage, anterior, simple (limited cautery and/or packing) any method			X
30903	Control nasal hemorrhage, anterior, complex (extensive cautery and/or packing) any method			X
30905	Control nasal hemorrhage, posterior, with posterior nasal packs and/or cautery, any method; initial			X
30906	Control nasal hemorrhage, posterior, with posterior nasal packs and/or cautery, any method; subsequent			X
30915	Ligation arteries; ethmoidal			X
30920	Ligation arteries; internal maxillary artery, transantral			X
30930	Fracture nasal inferior turbinate(s), therapeutic			X
31000	Lavage by cannulation; maxillary sinus (antrum puncture or natural ostium)			X
31002	Lavage by cannulation; sphenoid sinus			X
31020	Sinusotomy, maxillary (antrotomy); intranasal			X

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31030	Sinusotomy, maxillary (antrotomy); radical (Caldwell-Luc) without removal of antrochoanal polyps			X
31032	Sinusotomy, maxillary (antrotomy); radical (Caldwell-Luc) with removal of antrochoanal polyps			X
31040	Pterygomaxillary fossa surgery, any approach		X	
31050	Sinusotomy, sphenoid, with or without biopsy;			X
31051	Sinusotomy, sphenoid, with or without biopsy; with mucosal stripping or removal of polyp(s)			X
31070	Sinusotomy frontal; external, simple (trephine operation)			X
31075	Sinusotomy frontal; transorbital, unilateral (for mucocele or osteoma, Lynch type)		X	
31080	Sinusotomy frontal; oblitative without osteoplastic flap, brow incision (includes ablation)	X		
31081	Sinusotomy frontal; oblitative, without osteoplastic flap, coronal incision (includes ablation)	X		
31084	Sinusotomy frontal; oblitative, with osteoplastic flap, brow incision	X		
31085	Sinusotomy frontal; oblitative, with osteoplastic flap, coronal incision	X		
31086	Sinusotomy frontal; nonoblitative, with osteoplastic flap, brow incision	X		
31087	Sinusotomy frontal; nonoblitative, with osteoplastic flap, coronal incision	X		
31090	Sinusotomy, unilateral, 3 or more paranasal sinuses (frontal, maxillary, ethmoid, sphenoid)		X	
31200	Ethmoidectomy; intranasal, anterior			X
31201	Ethmoidectomy; intranasal, total			X
31205	Ethmoidectomy; extranasal, total	X		
31225	Maxillectomy; without orbital exenteration	X		
31230	Maxillectomy; with orbital exenteration (en bloc)	X		
31231	Nasal endoscopy, diagnostic, unilateral or bilateral (separate procedure)			X
31233	Nasal/sinus endoscopy, diagnostic with maxillary sinusoscopy (via inferior meatus or canine fossa puncture)			X
31235	Nasal/sinus endoscopy, diagnostic with sphenoid sinusoscopy (via puncture of sphenoidal face or cannulation of ostium)			X
31237	Nasal/sinus endoscopy, surgical; with biopsy, polypectomy or debridement (separate procedure)			X
31238	Nasal/sinus endoscopy, surgical; with control of nasal hemorrhage			X
31239	Nasal/sinus endoscopy, surgical; with dacryocystorhinostomy		X	
31240	Nasal/sinus endoscopy, surgical; with concha bullosa resection			X
31254	Nasal/sinus endoscopy, surgical; with ethmoidectomy, partial (anterior)			X
31255	Nasal/sinus endoscopy, surgical; with ethmoidectomy, total (anterior and posterior)			X
31256	Nasal/sinus endoscopy, surgical, with maxillary antrostomy;			X
31267	Nasal/sinus endoscopy, surgical, with maxillary antrostomy; with removal of tissue from maxillary sinus			X
31276	Nasal/sinus endoscopy, surgical with frontal sinus exploration, with or without removal of tissue from frontal sinus			X
31287	Nasal/sinus endoscopy, surgical, with sphenoidotomy;			X
31288	Nasal/sinus endoscopy, surgical, with sphenoidotomy; with removal of tissue from the sphenoid sinus			X

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31290	Nasal/sinus endoscopy, surgical, with repair of cerebrospinal fluid leak; ethmoid region			X
31291	Nasal/sinus endoscopy, surgical, with repair of cerebrospinal fluid leak; sphenoid region			X
31292	Nasal/sinus endoscopy, surgical; with medial or inferior orbital wall decompression			X
31293	Nasal/sinus endoscopy, surgical; with medial orbital wall and inferior orbital wall decompression			X
31294	Nasal/sinus endoscopy, surgical; with optic nerve decompression			X
31295	Nasal/sinus endoscopy, surgical; with dilation of maxillary sinus ostium (eg, balloon dilation), transnasal or via canine fossa			X
31296	Nasal/sinus endoscopy, surgical; with dilation of frontal sinus ostium (eg, balloon dilation)			X
31297	Nasal/sinus endoscopy, surgical; with dilation of sphenoid sinus ostium (eg, balloon dilation)			X
31300	Laryngotomy (thyrotomy, laryngofissure); with removal of tumor or laryngocele, corpectomy	X		
31320	Laryngotomy (thyrotomy, laryngofissure); diagnostic		X	
31360	Laryngectomy; total, without radical neck dissection	X	O	
31365	Laryngectomy; total, with radical neck dissection	X	O	
31367	Laryngectomy; subtotal supraglottic, without radical neck dissection	X	O	
31368	Laryngectomy; subtotal supraglottic, with radical neck dissection	X	O	
31370	Partial laryngectomy (hemilaryngectomy); horizontal	X		
31375	Partial laryngectomy (hemilaryngectomy); laterovertical	X		
31380	Partial laryngectomy (hemilaryngectomy); anterovertical	X		
31382	Partial laryngectomy (hemilaryngectomy); antero-latero-vertical	X		
31390	Pharyngolaryngectomy, with radical neck dissection; without reconstruction	X	O	
31395	Pharyngolaryngectomy, with radical neck dissection; with reconstruction	X	O	
31400	Arytenoidectomy or arytenoidopexy, external approach		X	
31420	Epiglottidectomy		X	
31500	Intubation, endotracheal, emergency procedure			X
31502	Tracheotomy tube change prior to establishment of fistula tract		X	
31505	Laryngoscopy, indirect; diagnostic (separate procedure)			X
31510	Laryngoscopy, indirect; with biopsy			X
31511	Laryngoscopy, indirect; with removal of foreign body			X
31512	Laryngoscopy, indirect; with removal of lesion			X
31513	Laryngoscopy, indirect; with vocal cord injection			X
31515	Laryngoscopy direct, with or without tracheoscopy; for aspiration			X
31520	Laryngoscopy direct, with or without tracheoscopy; diagnostic, newborn			X
31525	Laryngoscopy direct, with or without tracheoscopy; diagnostic, except newborn			X
31526	Laryngoscopy direct, with or without tracheoscopy; diagnostic, with operating microscope or telescope			X
31527	Laryngoscopy direct, with or without tracheoscopy; with insertion of obturator			X
31528	Laryngoscopy direct, with or without tracheoscopy; with dilation, initial			X
31529	Laryngoscopy direct, with or without tracheoscopy; with dilation, subsequent			X

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31530	Laryngoscopy, direct, operative, with foreign body removal;			X
31531	Laryngoscopy, direct, operative, with foreign body removal; with operating microscope or telescope			X
31535	Laryngoscopy, direct, operative, with biopsy;			X
31536	Laryngoscopy, direct, operative, with biopsy; with operating microscope or telescope			X
31540	Laryngoscopy, direct, operative, with excision of tumor and/or stripping of vocal cords or epiglottis;			X
31541	Laryngoscopy, direct, operative, with excision of tumor and/or stripping of vocal cords or epiglottis; with operating microscope or telescope			X
31545	Laryngoscopy, direct, operative, with operating microscope or telescope, with submucosal removal of non-neoplastic lesion(s) of vocal cord; reconstruction with local tissue flap(s)			X
31546	Laryngoscopy, direct, operative, with operating microscope or telescope, with submucosal removal of non-neoplastic lesion(s) of vocal cord; reconstruction with graft(s) (includes obtaining autograft)			X
31560	Laryngoscopy, direct, operative, with arytenoidectomy;			X
31561	Laryngoscopy, direct, operative, with arytenoidectomy; with operating microscope or telescope			X
31570	Laryngoscopy, direct, with injection into vocal cord(s), therapeutic;			X
31571	Laryngoscopy, direct, with injection into vocal cord(s), therapeutic; with operating microscope or telescope			X
31575	Laryngoscopy, flexible fiberoptic; diagnostic			X
31576	Laryngoscopy, flexible fiberoptic; with biopsy			X
31577	Laryngoscopy, flexible fiberoptic; with removal of foreign body			X
31578	Laryngoscopy, flexible fiberoptic; with removal of lesion			X
31579	Laryngoscopy, flexible or rigid fiberoptic, with stroboscopy			X
31580	Laryngoplasty; for laryngeal web, 2-stage, with keel insertion and removal	X		
31582	Laryngoplasty; for laryngeal stenosis, with graft or core mold, including tracheotomy		X	
31584	Laryngoplasty; with open reduction of fracture		X	
31587	Laryngoplasty, cricoid split		X	
31588	Laryngoplasty, not otherwise specified (eg, for burns, reconstruction after partial laryngectomy)	X		
31590	Laryngeal reinnervation by neuromuscular pedicle		X	
31595	Section recurrent laryngeal nerve, therapeutic (separate procedure), unilateral		X	
31600	Tracheostomy, planned (separate procedure);		X	
31601	Tracheostomy, planned (separate procedure); younger than 2 years		X	
31603	Tracheostomy, emergency procedure; transtracheal		X	
31605	Tracheostomy, emergency procedure; cricothyroid membrane		X	
31610	Tracheostomy, fenestration procedure with skin flaps		X	
31611	Construction of tracheoesophageal fistula and subsequent insertion of an alaryngeal speech prosthesis (eg, voice button, Blom-Singer prosthesis)		X	
31612	Tracheal puncture, percutaneous with transtracheal aspiration and/or injection			X
31613	Tracheostoma revision; simple, without flap rotation		X	
31614	Tracheostoma revision; complex, with flap rotation		X	

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31615	Tracheobronchoscopy through established tracheostomy incision			X
31622	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; diagnostic, with cell washing, when performed (separate procedure)			X
31623	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with brushing or protected brushings			X
31624	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial alveolar lavage			X
31625	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial or endobronchial biopsy(s), single or multiple sites			X
31626	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with placement of fiducial markers, single or multiple			X
31627	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with computer-assisted, image-guided navigation (List separately in addition to code for primary procedure[s])			X
31628	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with transbronchial lung biopsy(s), single lobe			X
31629	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with transbronchial needle aspiration biopsy(s), trachea, main stem and/or lobar bronchus(i)			X
31630	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with tracheal/bronchial dilation or closed reduction of fracture			X
31631	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with placement of tracheal stent(s) (includes tracheal/bronchial dilation as required)			X
31632	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with transbronchial lung biopsy(s), each additional lobe (List separately in addition to code for primary procedure)			X
31633	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with transbronchial needle aspiration biopsy(s), each additional lobe (List separately in addition to code for primary procedure)			X
31634	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with balloon occlusion, with assessment of air leak, with administration of occlusive substance (eg, fibrin glue), if performed			X
31635	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with removal of foreign body			X
31636	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with placement of bronchial stent(s) (includes tracheal/bronchial dilation as required), initial bronchus		X	
31637	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; each additional major bronchus stented (List separately in addition to code for primary procedure)		X	
31638	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with revision of tracheal or bronchial stent inserted at previous session (includes tracheal/bronchial dilation as required)		X	
31640	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with excision of tumor			X
31641	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with destruction of tumor or relief of stenosis by any method other than excision (eg, laser therapy, cryotherapy)			X

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31643	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with placement of catheter(s) for intracavitary radioelement application			X
31645	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with therapeutic aspiration of tracheobronchial tree, initial (eg, drainage of lung abscess)			X
31646	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with therapeutic aspiration of tracheobronchial tree, subsequent			X
31647	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with balloon occlusion, when performed, assessment of air leak, airway sizing, and insertion of bronchial valve(s), initial lobe			X
31648	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with removal of bronchial valve(s), initial lobe			X
31649	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with removal of bronchial valve(s), each additional lobe (List separately in addition to code for primary procedure)			X
31651	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with balloon occlusion, when performed, assessment of air leak, airway sizing, and insertion of bronchial valve(s), each additional lobe (List separately in addition to code for primary procedure[s])			X
31652	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with endobronchial ultrasound (EBUS) guided transtracheal and/or transbronchial sampling (eg, aspiration[s]/biopsy[ies]), one or two mediastinal and/or hilar lymph node stations or structures			X
31653	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with endobronchial ultrasound (EBUS) guided transtracheal and/or transbronchial sampling (eg, aspiration[s]/biopsy[ies]), 3 or more mediastinal and/or hilar lymph node stations or structures			X
31654	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with transendoscopic endobronchial ultrasound (EBUS) during bronchoscopic diagnostic or therapeutic intervention(s) for peripheral lesion(s) (List separately in addition to code for primary procedure[s])			X
31660	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial thermoplasty, 1 lobe			X
31661	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial thermoplasty, 2 or more lobes			X
31717	Catheterization with bronchial brush biopsy			X
31720	Catheter aspiration (separate procedure); nasotracheal			X
31725	Catheter aspiration (separate procedure); tracheobronchial with fiberscope, bedside			X
31730	Transtracheal (percutaneous) introduction of needle wire dilator/stent or indwelling tube for oxygen therapy			X
31750	Tracheoplasty; cervical	X		
31755	Tracheoplasty; tracheopharyngeal fistulization, each stage	X		
31760	Tracheoplasty; intrathoracic	X	O	
31766	Carinal reconstruction	X	O	
31770	Bronchoplasty; graft repair	X	O	
31775	Bronchoplasty; excision stenosis and anastomosis	X	O	
31780	Excision tracheal stenosis and anastomosis; cervical	X	O	
31781	Excision tracheal stenosis and anastomosis; cervicothoracic	X	O	

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31785	Excision of tracheal tumor or carcinoma; cervical	X	O	
31786	Excision of tracheal tumor or carcinoma; thoracic	X	O	
31800	Suture of tracheal wound or injury; cervical		X	
31805	Suture of tracheal wound or injury; intrathoracic	X	O	
31820	Surgical closure tracheostomy or fistula; without plastic repair		X	
31825	Surgical closure tracheostomy or fistula; with plastic repair		X	
31830	Revision of tracheostomy scar			X
32035	Thoracostomy; with rib resection for empyema	X		
32036	Thoracostomy; with open flap drainage for empyema	X		
32096	Thoracotomy, with diagnostic biopsy(ies) of lung infiltrate(s) (eg, wedge, incisional), unilateral	X	O	
32097	Thoracotomy, with diagnostic biopsy(ies) of lung nodule(s) or mass(es) (eg, wedge, incisional), unilateral	X	O	
32098	Thoracotomy, with biopsy(ies) of pleura	X	O	
32100	Thoracotomy; with exploration	X	O	
32110	Thoracotomy; with control of traumatic hemorrhage and/or repair of lung tear	X	O	
32120	Thoracotomy; for postoperative complications	X	O	
32124	Thoracotomy; with open intrapleural pneumonolysis	X	O	
32140	Thoracotomy; with cyst(s) removal, includes pleural procedure when performed	X	O	
32141	Thoracotomy; with resection-plication of bullae, includes any pleural procedure when performed	X	O	
32150	Thoracotomy; with removal of intrapleural foreign body or fibrin deposit	X	O	
32151	Thoracotomy; with removal of intrapulmonary foreign body	X	O	
32160	Thoracotomy; with cardiac massage	X	O	
32200	Pneumonostomy, with open drainage of abscess or cyst	X	O	
32215	Pleural scarification for repeat pneumothorax	X	O	
32220	Decortication, pulmonary (separate procedure); total	X	O	
32225	Decortication, pulmonary (separate procedure); partial	X	O	
32310	Pleurectomy, parietal (separate procedure)	X	O	
32320	Decortication and parietal pleurectomy	X	O	
32400	Biopsy, pleura, percutaneous needle			X
32405	Biopsy, lung or mediastinum, percutaneous needle			X
32440	Removal of lung, pneumonectomy;	X	O	
32442	Removal of lung, pneumonectomy; with resection of segment of trachea followed by broncho-tracheal anastomosis (sleeve pneumonectomy)	X	O	
32445	Removal of lung, pneumonectomy; extrapleural	X	O	
32480	Removal of lung, other than pneumonectomy; single lobe (lobectomy)	X	O	
32482	Removal of lung, other than pneumonectomy; 2 lobes (bilobectomy)	X	O	
32484	Removal of lung, other than pneumonectomy; single segment (segmentectomy)	X	O	
32486	Removal of lung, other than pneumonectomy; with circumferential resection of segment of bronchus followed by broncho-bronchial anastomosis (sleeve lobectomy)	X	O	
32488	Removal of lung, other than pneumonectomy; with all remaining lung following previous removal of a portion of lung (completion pneumonectomy)	X	O	

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32491	Removal of lung, other than pneumonectomy; with resection-plication of emphysematous lung(s) (bullous or non-bullous) for lung volume reduction, sternal split or transthoracic approach, includes any pleural procedure, when performed	X	O	
32501	Resection and repair of portion of bronchus (bronchoplasty) when performed at time of lobectomy or segmentectomy (List separately in addition to code for primary procedure)	X	O	
32503	Resection of apical lung tumor (eg, Pancoast tumor), including chest wall resection, rib(s) resection(s), neurovascular dissection, when performed; without chest wall reconstruction(s)	X	O	
32504	Resection of apical lung tumor (eg, Pancoast tumor), including chest wall resection, rib(s) resection(s), neurovascular dissection, when performed; with chest wall reconstruction	X	O	
32505	Thoracotomy; with therapeutic wedge resection (eg, mass, nodule), initial	X	O	
32506	Thoracotomy; with therapeutic wedge resection (eg, mass or nodule), each additional resection, ipsilateral (List separately in addition to code for primary procedure)	X	O	
32507	Thoracotomy; with diagnostic wedge resection followed by anatomic lung resection (List separately in addition to code for primary procedure)	X	O	
32540	Extrapleural enucleation of empyema (empyemectomy)	X	O	
32550	Insertion of indwelling tunneled pleural catheter with cuff		X	
32551	Tube thoracostomy, includes connection to drainage system (eg, water seal), when performed, open (separate procedure)			X
32552	Removal of indwelling tunneled pleural catheter with cuff			X
32553	Placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), percutaneous, intra-thoracic, single or multiple			X
32554	Thoracentesis, needle or catheter, aspiration of the pleural space; without imaging guidance			X
32555	Thoracentesis, needle or catheter, aspiration of the pleural space; with imaging guidance			X
32556	Pleural drainage, percutaneous, with insertion of indwelling catheter; without imaging guidance			X
32557	Pleural drainage, percutaneous, with insertion of indwelling catheter; with imaging guidance			X
32560	Instillation, via chest tube/catheter, agent for pleurodesis (eg, talc for recurrent or persistent pneumothorax)			X
32561	Instillation(s), via chest tube/catheter, agent for fibrinolysis (eg, fibrinolytic agent for break up of multiloculated effusion); initial day			X
32562	Instillation(s), via chest tube/catheter, agent for fibrinolysis (eg, fibrinolytic agent for break up of multiloculated effusion); subsequent day			X
32601	Thoracoscopy, diagnostic (separate procedure); lungs, pericardial sac, mediastinal or pleural space, without biopsy	X		
32604	Thoracoscopy, diagnostic (separate procedure); pericardial sac, with biopsy	X		
32606	Thoracoscopy, diagnostic (separate procedure); mediastinal space, with biopsy	X		
32607	Thoracoscopy; with diagnostic biopsy(ies) of lung infiltrate(s) (eg, wedge, incisional), unilateral	X		
32608	Thoracoscopy; with diagnostic biopsy(ies) of lung nodule(s) or mass(es) (eg, wedge, incisional), unilateral	X		
32609	Thoracoscopy; with biopsy(ies) of pleura	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
32650	Thoracoscopy, surgical; with pleurodesis (eg, mechanical or chemical)	X		
32651	Thoracoscopy, surgical; with partial pulmonary decortication	X		
32652	Thoracoscopy, surgical; with total pulmonary decortication, including intrapleural pneumonolysis	X		
32653	Thoracoscopy, surgical; with removal of intrapleural foreign body or fibrin deposit	X		
32654	Thoracoscopy, surgical; with control of traumatic hemorrhage	X		
32655	Thoracoscopy, surgical; with resection-plication of bullae, includes any pleural procedure when performed	X		
32656	Thoracoscopy, surgical; with parietal pleurectomy	X		
32658	Thoracoscopy, surgical; with removal of clot or foreign body from pericardial sac	X		
32659	Thoracoscopy, surgical; with creation of pericardial window or partial resection of pericardial sac for drainage	X		
32661	Thoracoscopy, surgical; with excision of pericardial cyst, tumor, or mass	X		
32662	Thoracoscopy, surgical; with excision of mediastinal cyst, tumor, or mass	X		
32663	Thoracoscopy, surgical; with lobectomy (single lobe)	X		
32664	Thoracoscopy, surgical; with thoracic sympathectomy	X		
32665	Thoracoscopy, surgical; with esophagomyotomy (Heller type)	X		
32666	Thoracoscopy, surgical; with therapeutic wedge resection (eg, mass, nodule), initial unilateral	X		
32667	Thoracoscopy, surgical; with therapeutic wedge resection (eg, mass or nodule), each additional resection, ipsilateral (List separately in addition to code for primary procedure)	X		
32668	Thoracoscopy, surgical; with diagnostic wedge resection followed by anatomic lung resection (List separately in addition to code for primary procedure)	X		
32669	Thoracoscopy, surgical; with removal of a single lung segment (segmentectomy)	X	O	
32670	Thoracoscopy, surgical; with removal of two lobes (bilobectomy)	X	O	
32671	Thoracoscopy, surgical; with removal of lung (pneumonectomy)	X	O	
32672	Thoracoscopy, surgical; with resection-plication for emphysematous lung (bullous or non-bullous) for lung volume reduction (LVRS), unilateral includes any pleural procedure, when performed	X		
32673	Thoracoscopy, surgical; with resection of thymus, unilateral or bilateral	X	O	
32674	Thoracoscopy, surgical; with mediastinal and regional lymphadenectomy (List separately in addition to code for primary procedure)	X		
32701	Thoracic target(s) delineation for stereotactic body radiation therapy (SRS/SBRT), (photon or particle beam), entire course of treatment			X
32800	Repair lung hernia through chest wall	X		
32810	Closure of chest wall following open flap drainage for empyema (Clagett type procedure)	X		
32815	Open closure of major bronchial fistula	X	O	
32820	Major reconstruction, chest wall (posttraumatic)	X	O	
32850	Donor pneumonectomy(s) (including cold preservation), from cadaver donor	X,O		
32851	Lung transplant, single; without cardiopulmonary bypass	X,O		
32852	Lung transplant, single; with cardiopulmonary bypass	X,O		
32853	Lung transplant, double (bilateral sequential or en bloc); without cardiopulmonary bypass	X,O		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
32854	Lung transplant, double (bilateral sequential or en bloc); with cardiopulmonary bypass	X,O		
32855	Backbench standard preparation of cadaver donor lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare pulmonary venous/atrial cuff, pulmonary artery, and bronchus; unilateral	X	O	
32856	Backbench standard preparation of cadaver donor lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare pulmonary venous/atrial cuff, pulmonary artery, and bronchus; bilateral	X	O	
32900	Resection of ribs, extrapleural, all stages	X	O	
32905	Thoracoplasty, Schede type or extrapleural (all stages);	X	O	
32906	Thoracoplasty, Schede type or extrapleural (all stages); with closure of bronchopleural fistula	X	O	
32940	Pneumonolysis, extraperiosteal, including filling or packing procedures	X	O	
32960	Pneumothorax, therapeutic, intrapleural injection of air			X
32997	Total lung lavage (unilateral)		X	
32998	Ablation therapy for reduction or eradication of 1 or more pulmonary tumor(s) including pleura or chest wall when involved by tumor extension, percutaneous, radiofrequency, unilateral			X
33010	Pericardiocentesis; initial			X
33011	Pericardiocentesis; subsequent			X
33015	Tube pericardiostomy		X	
33020	Pericardiotomy for removal of clot or foreign body (primary procedure)	X	O	
33025	Creation of pericardial window or partial resection for drainage	X		
33030	Pericardiectomy, subtotal or complete; without cardiopulmonary bypass	X	O	
33031	Pericardiectomy, subtotal or complete; with cardiopulmonary bypass	X	O	
33050	Resection of pericardial cyst or tumor	X		
33120	Excision of intracardiac tumor, resection with cardiopulmonary bypass	X	O	
33130	Resection of external cardiac tumor	X	O	
33140	Transmyocardial laser revascularization, by thoracotomy; (separate procedure)	X		
33141	Transmyocardial laser revascularization, by thoracotomy; performed at the time of other open cardiac procedure(s) (List separately in addition to code for primary procedure)	X		
33202	Insertion of epicardial electrode(s); open incision (eg, thoracotomy, median sternotomy, subxiphoid approach)	X		
33203	Insertion of epicardial electrode(s); endoscopic approach (eg, thoracoscopy, pericardioscopy)	X		
33206	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial		X	
33207	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular		X	
33208	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular		X	
33210	Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure)		X	
33211	Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure)		X	

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33212	Insertion of pacemaker pulse generator only; with existing single lead		X	
33213	Insertion of pacemaker pulse generator only; with existing dual leads		X	
33214	Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new pulse generator)		X	
33215	Repositioning of previously implanted transvenous pacemaker or implantable defibrillator (right atrial or right ventricular) electrode		X	
33216	Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator		X	
33217	Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator		X	
33218	Repair of single transvenous electrode, permanent pacemaker or implantable defibrillator		X	
33220	Repair of 2 transvenous electrodes for permanent pacemaker or implantable defibrillator		X	
33221	Insertion of pacemaker pulse generator only; with existing multiple leads		X	
33222	Relocation of skin pocket for pacemaker		X	
33223	Relocation of skin pocket for implantable defibrillator		X	
33224	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or implantable defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existing generator)		X	
33225	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (List separately in addition to code for primary procedure)		X	
33226	Repositioning of previously implanted cardiac venous system (left ventricular) electrode (including removal, insertion and/or replacement of existing generator)		X	
33227	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system		X	
33228	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system		X	
33229	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system		X	
33230	Insertion of implantable defibrillator pulse generator only; with existing dual leads		X	
33231	Insertion of implantable defibrillator pulse generator only; with existing multiple leads		X	
33233	Removal of permanent pacemaker pulse generator only		X	
33234	Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular		X	
33235	Removal of transvenous pacemaker electrode(s); dual lead system		X	
33236	Removal of permanent epicardial pacemaker and electrodes by thoracotomy; single lead system, atrial or ventricular	X		
33237	Removal of permanent epicardial pacemaker and electrodes by thoracotomy; dual lead system	X		
33238	Removal of permanent transvenous electrode(s) by thoracotomy	X		
33240	Insertion of implantable defibrillator pulse generator only; with existing single lead		X	
33241	Removal of implantable defibrillator pulse generator only		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
33243	Removal of single or dual chamber implantable defibrillator electrode(s); by thoracotomy	X		
33244	Removal of single or dual chamber implantable defibrillator electrode(s); by transvenous extraction		X	
33249	Insertion or replacement of permanent implantable defibrillator system, with transvenous lead(s), single or dual chamber	X		
33250	Operative ablation of supraventricular arrhythmogenic focus or pathway (eg, Wolff-Parkinson-White, atrioventricular node re-entry), tract(s) and/or focus (foci); without cardiopulmonary bypass	X	O	
33251	Operative ablation of supraventricular arrhythmogenic focus or pathway (eg, Wolff-Parkinson-White, atrioventricular node re-entry), tract(s) and/or focus (foci); with cardiopulmonary bypass	X	O	
33254	Operative tissue ablation and reconstruction of atria, limited (eg, modified maze procedure)	X	O	
33255	Operative tissue ablation and reconstruction of atria, extensive (eg, maze procedure); without cardiopulmonary bypass	X	O	
33256	Operative tissue ablation and reconstruction of atria, extensive (eg, maze procedure); with cardiopulmonary bypass	X	O	
33257	Operative tissue ablation and reconstruction of atria, performed at the time of other cardiac procedure(s), limited (eg, modified maze procedure) (List separately in addition to code for primary procedure)	X	O	
33258	Operative tissue ablation and reconstruction of atria, performed at the time of other cardiac procedure(s), extensive (eg, maze procedure), without cardiopulmonary bypass (List separately in addition to code for primary procedure)	X	O	
33259	Operative tissue ablation and reconstruction of atria, performed at the time of other cardiac procedure(s), extensive (eg, maze procedure), with cardiopulmonary bypass (List separately in addition to code for primary procedure)	X	O	
33261	Operative ablation of ventricular arrhythmogenic focus with cardiopulmonary bypass	X	O	
33262	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; single lead system		X	
33263	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; dual lead system		X	
33264	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; multiple lead system		X	
33265	Endoscopy, surgical; operative tissue ablation and reconstruction of atria, limited (eg, modified maze procedure), without cardiopulmonary bypass	X		
33266	Endoscopy, surgical; operative tissue ablation and reconstruction of atria, extensive (eg, maze procedure), without cardiopulmonary bypass	X		
33270	Insertion or replacement of permanent subcutaneous implantable defibrillator system, with subcutaneous electrode, including defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters, when performed			X
33271	Insertion of subcutaneous implantable defibrillator electrode			X
33272	Removal of subcutaneous implantable defibrillator electrode			X
33273	Repositioning of previously implanted subcutaneous implantable defibrillator electrode			X
33282	Implantation of patient-activated cardiac event recorder			X
33284	Removal of an implantable, patient-activated cardiac event recorder			X

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33300	Repair of cardiac wound; without bypass	X	O	
33305	Repair of cardiac wound; with cardiopulmonary bypass	X	O	
33310	Cardiotomy, exploratory (includes removal of foreign body, atrial or ventricular thrombus); without bypass	X	O	
33315	Cardiotomy, exploratory (includes removal of foreign body, atrial or ventricular thrombus); with cardiopulmonary bypass	X	O	
33320	Suture repair of aorta or great vessels; without shunt or cardiopulmonary bypass	X	O	
33321	Suture repair of aorta or great vessels; with shunt bypass	X	O	
33322	Suture repair of aorta or great vessels; with cardiopulmonary bypass	X	O	
33330	Insertion of graft, aorta or great vessels; without shunt, or cardiopulmonary bypass	X	O	
33335	Insertion of graft, aorta or great vessels; with cardiopulmonary bypass	X	O	
33361	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; percutaneous femoral artery approach	X,O		
33362	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open femoral artery approach	X,O		
33363	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open axillary artery approach	X,O		
33364	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open iliac artery approach	X,O		
33365	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; transaortic approach (eg, median sternotomy, mediastinotomy)	X,O		
33366	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; transapical exposure (eg, left thoracotomy)	X,O		
33367	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; cardiopulmonary bypass support with percutaneous peripheral arterial and venous cannulation (eg, femoral vessels) (List separately in addition to code for primary procedure)	X,O		
33368	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; cardiopulmonary bypass support with open peripheral arterial and venous cannulation (eg, femoral, iliac, axillary vessels) (List separately in addition to code for primary procedure)	X,O		
33369	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; cardiopulmonary bypass support with central arterial and venous cannulation (eg, aorta, right atrium, pulmonary artery) (List separately in addition to code for primary procedure)	X,O		
33400	Valvuloplasty, aortic valve; open, with cardiopulmonary bypass	X	O	
33401	Valvuloplasty, aortic valve; open, with inflow occlusion	X	O	
33403	Valvuloplasty, aortic valve; using transventricular dilation, with cardiopulmonary bypass	X	O	
33404	Construction of apical-aortic conduit	X	O	
33405	Replacement, aortic valve, with cardiopulmonary bypass; with prosthetic valve other than homograft or stentless valve	X	O	
33406	Replacement, aortic valve, with cardiopulmonary bypass; with allograft valve (freehand)	X	O	
33410	Replacement, aortic valve, with cardiopulmonary bypass; with stentless tissue valve	X	O	
33411	Replacement, aortic valve; with aortic annulus enlargement, noncoronary sinus	X	O	

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33412	Replacement, aortic valve; with transventricular aortic annulus enlargement (Konno procedure)	X	O	
33413	Replacement, aortic valve; by translocation of autologous pulmonary valve with allograft replacement of pulmonary valve (Ross procedure)	X	O	
33414	Repair of left ventricular outflow tract obstruction by patch enlargement of the outflow tract	X	O	
33415	Resection or incision of subvalvular tissue for discrete subvalvular aortic stenosis	X	O	
33416	Ventriculomyotomy (-myectomy) for idiopathic hypertrophic subaortic stenosis (eg, asymmetric septal hypertrophy)	X	O	
33417	Aortoplasty (gusset) for supra-ventricular stenosis	X	O	
33418	Transcatheter mitral valve repair, percutaneous approach, including transseptal puncture when performed; initial prosthesis		X	
33419	Transcatheter mitral valve repair, percutaneous approach, including transseptal puncture when performed; additional prosthesis(es) during same session (List separately in addition to code for primary procedure)		X	
33420	Valvotomy, mitral valve; closed heart	X	O	
33422	Valvotomy, mitral valve; open heart, with cardiopulmonary bypass	X	O	
33425	Valvuloplasty, mitral valve, with cardiopulmonary bypass;	X	O	
33426	Valvuloplasty, mitral valve, with cardiopulmonary bypass; with prosthetic ring	X	O	
33427	Valvuloplasty, mitral valve, with cardiopulmonary bypass; radical reconstruction, with or without ring	X	O	
33430	Replacement, mitral valve, with cardiopulmonary bypass	X	O	
33460	Valvectomy, tricuspid valve, with cardiopulmonary bypass	X	O	
33463	Valvuloplasty, tricuspid valve; without ring insertion	X	O	
33464	Valvuloplasty, tricuspid valve; with ring insertion	X	O	
33465	Replacement, tricuspid valve, with cardiopulmonary bypass	X	O	
33468	Tricuspid valve repositioning and plication for Ebstein anomaly	X	O	
33470	Valvotomy, pulmonary valve, closed heart; transventricular	X	O	
33471	Valvotomy, pulmonary valve, closed heart; via pulmonary artery	X	O	
33474	Valvotomy, pulmonary valve, open heart, with cardiopulmonary bypass	X	O	
33475	Replacement, pulmonary valve	X	O	
33476	Right ventricular resection for infundibular stenosis, with or without commissurotomy	X	O	
33477	Transcatheter pulmonary valve implantation, percutaneous approach, including pre-stenting of the valve delivery site, when performed		X	
33478	Outflow tract augmentation (gusset), with or without commissurotomy or infundibular resection	X	O	
33496	Repair of non-structural prosthetic valve dysfunction with cardiopulmonary bypass (separate procedure)	X	O	
33500	Repair of coronary arteriovenous or arteriocardiac chamber fistula; with cardiopulmonary bypass	X	O	
33501	Repair of coronary arteriovenous or arteriocardiac chamber fistula; without cardiopulmonary bypass	X	O	
33502	Repair of anomalous coronary artery from pulmonary artery origin; by ligation	X	O	
33503	Repair of anomalous coronary artery from pulmonary artery origin; by graft, without cardiopulmonary bypass	X	O	

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33504	Repair of anomalous coronary artery from pulmonary artery origin; by graft, with cardiopulmonary bypass	X	O	
33505	Repair of anomalous coronary artery from pulmonary artery origin; with construction of intrapulmonary artery tunnel (Takeuchi procedure)	X	O	
33506	Repair of anomalous coronary artery from pulmonary artery origin; by translocation from pulmonary artery to aorta	X	O	
33507	Repair of anomalous (eg, intramural) aortic origin of coronary artery by unroofing or translocation	X	O	
33508	Endoscopy, surgical, including video-assisted harvest of vein(s) for coronary artery bypass procedure (List separately in addition to code for primary procedure)		X	
33510	Coronary artery bypass, vein only; single coronary venous graft	X,O		
33511	Coronary artery bypass, vein only; 2 coronary venous grafts	X,O		
33512	Coronary artery bypass, vein only; 3 coronary venous grafts	X,O		
33513	Coronary artery bypass, vein only; 4 coronary venous grafts	X,O		
33514	Coronary artery bypass, vein only; 5 coronary venous grafts	X,O		
33516	Coronary artery bypass, vein only; 6 or more coronary venous grafts	X,O		
33517	Coronary artery bypass, using venous graft(s) and arterial graft(s); single vein graft (List separately in addition to code for primary procedure)	X,O		
33518	Coronary artery bypass, using venous graft(s) and arterial graft(s); 2 venous grafts (List separately in addition to code for primary procedure)	X,O		
33519	Coronary artery bypass, using venous graft(s) and arterial graft(s); 3 venous grafts (List separately in addition to code for primary procedure)	X,O		
33521	Coronary artery bypass, using venous graft(s) and arterial graft(s); 4 venous grafts (List separately in addition to code for primary procedure)	X,O		
33522	Coronary artery bypass, using venous graft(s) and arterial graft(s); 5 venous grafts (List separately in addition to code for primary procedure)	X,O		
33523	Coronary artery bypass, using venous graft(s) and arterial graft(s); 6 or more venous grafts (List separately in addition to code for primary procedure)	X,O		
33530	Reoperation, coronary artery bypass procedure or valve procedure, more than 1 month after original operation (List separately in addition to code for primary procedure)	X,O		
33533	Coronary artery bypass, using arterial graft(s); single arterial graft	X,O		
33534	Coronary artery bypass, using arterial graft(s); 2 coronary arterial grafts	X,O		
33535	Coronary artery bypass, using arterial graft(s); 3 coronary arterial grafts	X,O		
33536	Coronary artery bypass, using arterial graft(s); 4 or more coronary arterial grafts	X,O		
33542	Myocardial resection (eg, ventricular aneurysmectomy)	X	O	
33545	Repair of postinfarction ventricular septal defect, with or without myocardial resection	X	O	
33548	Surgical ventricular restoration procedure, includes prosthetic patch, when performed (eg, ventricular remodeling, SVR, SAVER, Dor procedures)	X	O	
33572	Coronary endarterectomy, open, any method, of left anterior descending, circumflex, or right coronary artery performed in conjunction with coronary artery bypass graft procedure, each vessel (List separately in addition to primary procedure)	X	O	
33600	Closure of atrioventricular valve (mitral or tricuspid) by suture or patch	X	O	
33602	Closure of semilunar valve (aortic or pulmonary) by suture or patch	X	O	
33606	Anastomosis of pulmonary artery to aorta (Damus-Kaye-Stansel procedure)	X,O		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
33608	Repair of complex cardiac anomaly other than pulmonary atresia with ventricular septal defect by construction or replacement of conduit from right or left ventricle to pulmonary artery	X,O		
33610	Repair of complex cardiac anomalies (eg, single ventricle with subaortic obstruction) by surgical enlargement of ventricular septal defect	X,O		
33611	Repair of double outlet right ventricle with intraventricular tunnel repair;	X,O		
33612	Repair of double outlet right ventricle with intraventricular tunnel repair; with repair of right ventricular outflow tract obstruction	X,O		
33615	Repair of complex cardiac anomalies (eg, tricuspid atresia) by closure of atrial septal defect and anastomosis of atria or vena cava to pulmonary artery (simple Fontan procedure)	X,O		
33617	Repair of complex cardiac anomalies (eg, single ventricle) by modified Fontan procedure	X,O		
33619	Repair of single ventricle with aortic outflow obstruction and aortic arch hypoplasia (hypoplastic left heart syndrome) (eg, Norwood procedure)	X,O		
33620	Application of right and left pulmonary artery bands (eg, hybrid approach stage 1)	X,O		
33621	Transthoracic insertion of catheter for stent placement with catheter removal and closure (eg, hybrid approach stage 1)	X,O		
33622	Reconstruction of complex cardiac anomaly (eg, single ventricle or hypoplastic left heart) with palliation of single ventricle with aortic outflow obstruction and aortic arch hypoplasia, creation of cavopulmonary anastomosis, and removal of right and left pulmonary bands (eg, hybrid approach stage 2, Norwood, bidirectional Glenn, pulmonary artery debanding)	X,O		
33641	Repair atrial septal defect, secundum, with cardiopulmonary bypass, with or without patch	X	O	
33645	Direct or patch closure, sinus venosus, with or without anomalous pulmonary venous drainage	X	O	
33647	Repair of atrial septal defect and ventricular septal defect, with direct or patch closure	X	O	
33660	Repair of incomplete or partial atrioventricular canal (ostium primum atrial septal defect), with or without atrioventricular valve repair	X	O	
33665	Repair of intermediate or transitional atrioventricular canal, with or without atrioventricular valve repair	X	O	
33670	Repair of complete atrioventricular canal, with or without prosthetic valve	X	O	
33675	Closure of multiple ventricular septal defects;	X	O	
33676	Closure of multiple ventricular septal defects; with pulmonary valvotomy or infundibular resection (acyanotic)	X	O	
33677	Closure of multiple ventricular septal defects; with removal of pulmonary artery band, with or without gusset	X	O	
33681	Closure of single ventricular septal defect, with or without patch;	X	O	
33684	Closure of single ventricular septal defect, with or without patch; with pulmonary valvotomy or infundibular resection (acyanotic)	X	O	
33688	Closure of single ventricular septal defect, with or without patch; with removal of pulmonary artery band, with or without gusset	X	O	
33690	Banding of pulmonary artery	X	O	
33692	Complete repair tetralogy of Fallot without pulmonary atresia;	X	O	
33694	Complete repair tetralogy of Fallot without pulmonary atresia; with transannular patch	X	O	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
33697	Complete repair tetralogy of Fallot with pulmonary atresia including construction of conduit from right ventricle to pulmonary artery and closure of ventricular septal defect	X	O	
33702	Repair sinus of Valsalva fistula, with cardiopulmonary bypass;	X,O		
33710	Repair sinus of Valsalva fistula, with cardiopulmonary bypass; with repair of ventricular septal defect	X,O		
33720	Repair sinus of Valsalva aneurysm, with cardiopulmonary bypass	X,O		
33722	Closure of aortico-left ventricular tunnel	X	O	
33724	Repair of isolated partial anomalous pulmonary venous return (eg, Scimitar Syndrome)	X,O		
33726	Repair of pulmonary venous stenosis	X,O		
33730	Complete repair of anomalous pulmonary venous return (supracardiac, intracardiac, or infracardiac types)	X	O	
33732	Repair of cor triatriatum or supra-ventricular mitral ring by resection of left atrial membrane	X	O	
33735	Atrial septectomy or septostomy; closed heart (Blalock-Hanlon type operation)	X	O	
33736	Atrial septectomy or septostomy; open heart with cardiopulmonary bypass	X	O	
33737	Atrial septectomy or septostomy; open heart, with inflow occlusion	X	O	
33750	Shunt; subclavian to pulmonary artery (Blalock-Taussig type operation)	X	O	
33755	Shunt; ascending aorta to pulmonary artery (Waterston type operation)	X	O	
33762	Shunt; descending aorta to pulmonary artery (Potts-Smith type operation)	X	O	
33764	Shunt; central, with prosthetic graft	X	O	
33766	Shunt; superior vena cava to pulmonary artery for flow to 1 lung (classical Glenn procedure)	X	O	
33767	Shunt; superior vena cava to pulmonary artery for flow to both lungs (bidirectional Glenn procedure)	X	O	
33768	Anastomosis, cavopulmonary, second superior vena cava (List separately in addition to primary procedure)	X	O	
33770	Repair of transposition of the great arteries with ventricular septal defect and subpulmonary stenosis; without surgical enlargement of ventricular septal defect	X,O		
33771	Repair of transposition of the great arteries with ventricular septal defect and subpulmonary stenosis; with surgical enlargement of ventricular septal defect	X,O		
33774	Repair of transposition of the great arteries, atrial baffle procedure (eg, Mustard or Senning type) with cardiopulmonary bypass;	X,O		
33775	Repair of transposition of the great arteries, atrial baffle procedure (eg, Mustard or Senning type) with cardiopulmonary bypass; with removal of pulmonary band	X,O		
33776	Repair of transposition of the great arteries, atrial baffle procedure (eg, Mustard or Senning type) with cardiopulmonary bypass; with closure of ventricular septal defect	X,O		
33777	Repair of transposition of the great arteries, atrial baffle procedure (eg, Mustard or Senning type) with cardiopulmonary bypass; with repair of subpulmonic obstruction	X,O		
33778	Repair of transposition of the great arteries, aortic pulmonary artery reconstruction (eg, Jatene type);	X,O		
33779	Repair of transposition of the great arteries, aortic pulmonary artery reconstruction (eg, Jatene type); with removal of pulmonary band	X,O		
33780	Repair of transposition of the great arteries, aortic pulmonary artery reconstruction (eg, Jatene type); with closure of ventricular septal defect	X,O		
33781	Repair of transposition of the great arteries, aortic pulmonary artery reconstruction (eg, Jatene type); with repair of subpulmonic obstruction	X,O		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
33782	Aortic root translocation with ventricular septal defect and pulmonary stenosis repair (ie, Nikaidoh procedure); without coronary ostium reimplantation	X,O		
33783	Aortic root translocation with ventricular septal defect and pulmonary stenosis repair (ie, Nikaidoh procedure); with reimplantation of 1 or both coronary ostia	X,O		
33786	Total repair, truncus arteriosus (Rastelli type operation)	X,O		
33788	Reimplantation of an anomalous pulmonary artery	X,O		
33800	Aortic suspension (aortopexy) for tracheal decompression (eg, for tracheomalacia) (separate procedure)	X		
33802	Division of aberrant vessel (vascular ring);	X		
33803	Division of aberrant vessel (vascular ring); with reanastomosis	X		
33813	Obliteration of aortopulmonary septal defect; without cardiopulmonary bypass	X		
33814	Obliteration of aortopulmonary septal defect; with cardiopulmonary bypass	X		
33820	Repair of patent ductus arteriosus; by ligation	X		
33822	Repair of patent ductus arteriosus; by division, younger than 18 years	X		
33824	Repair of patent ductus arteriosus; by division, 18 years and older	X		
33840	Excision of coarctation of aorta, with or without associated patent ductus arteriosus; with direct anastomosis	X		
33845	Excision of coarctation of aorta, with or without associated patent ductus arteriosus; with graft	X		
33851	Excision of coarctation of aorta, with or without associated patent ductus arteriosus; repair using either left subclavian artery or prosthetic material as gusset for enlargement	X		
33852	Repair of hypoplastic or interrupted aortic arch using autogenous or prosthetic material; without cardiopulmonary bypass	X	O	
33853	Repair of hypoplastic or interrupted aortic arch using autogenous or prosthetic material; with cardiopulmonary bypass	X,O		
33860	Ascending aorta graft, with cardiopulmonary bypass, includes valve suspension, when performed	X	O	
33863	Ascending aorta graft, with cardiopulmonary bypass, with aortic root replacement using valved conduit and coronary reconstruction (eg, Bentall)	X	O	
33864	Ascending aorta graft, with cardiopulmonary bypass with valve suspension, with coronary reconstruction and valve-sparing aortic root remodeling (eg, David Procedure, Yacoub Procedure)	X	O	
33870	Transverse arch graft, with cardiopulmonary bypass	X,O		
33875	Descending thoracic aorta graft, with or without bypass	X	O	
33877	Repair of thoracoabdominal aortic aneurysm with graft, with or without cardiopulmonary bypass	X,O		
33880	Endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); involving coverage of left subclavian artery origin, initial endoprosthesis plus descending thoracic aortic extension(s), if required, to level of celiac artery origin	X	O	
33881	Endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); not involving coverage of left subclavian artery origin, initial endoprosthesis plus descending thoracic aortic extension(s), if required, to level of celiac artery origin	X	O	

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
33883	Placement of proximal extension prosthesis for endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); initial extension	X	O	
33884	Placement of proximal extension prosthesis for endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); each additional proximal extension (List separately in addition to code for primary procedure)	X	O	
33886	Placement of distal extension prosthesis(s) delayed after endovascular repair of descending thoracic aorta	X	O	
33889	Open subclavian to carotid artery transposition performed in conjunction with endovascular repair of descending thoracic aorta, by neck incision, unilateral	X	O	
33891	Bypass graft, with other than vein, transcervical retropharyngeal carotid-carotid, performed in conjunction with endovascular repair of descending thoracic aorta, by neck incision	X	O	
33910	Pulmonary artery embolectomy; with cardiopulmonary bypass	X	O	
33915	Pulmonary artery embolectomy; without cardiopulmonary bypass	X	O	
33916	Pulmonary endarterectomy, with or without embolectomy, with cardiopulmonary bypass	X,O		
33917	Repair of pulmonary artery stenosis by reconstruction with patch or graft	X	O	
33920	Repair of pulmonary atresia with ventricular septal defect, by construction or replacement of conduit from right or left ventricle to pulmonary artery	X	O	
33922	Transection of pulmonary artery with cardiopulmonary bypass	X	O	
33924	Ligation and takedown of a systemic-to-pulmonary artery shunt, performed in conjunction with a congenital heart procedure (List separately in addition to code for primary procedure)	X	O	
33925	Repair of pulmonary artery arborization anomalies by unifocalization; without cardiopulmonary bypass	X	O	
33926	Repair of pulmonary artery arborization anomalies by unifocalization; with cardiopulmonary bypass	X	O	
33930	Donor cardiectomy-pneumonectomy (including cold preservation)	X	O	
33933	Backbench standard preparation of cadaver donor heart/lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare aorta, superior vena cava, inferior vena cava, and trachea for implantation	X		
33935	Heart-lung transplant with recipient cardiectomy-pneumonectomy	X,O		
33940	Donor cardiectomy (including cold preservation)	X		
33944	Backbench standard preparation of cadaver donor heart allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare aorta, superior vena cava, inferior vena cava, pulmonary artery, and left atrium for implantation	X		
33945	Heart transplant, with or without recipient cardiectomy	X,O		
33946	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; initiation, veno-venous			X
33947	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; initiation, veno-arterial			X
33948	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; daily management, each day, veno-venous			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
33949	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; daily management, each day, veno-arterial			X
33951	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of peripheral (arterial and/or venous) cannula(e), percutaneous, birth through 5 years of age (includes fluoroscopic guidance, when performed)			X
33952	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of peripheral (arterial and/or venous) cannula(e), percutaneous, 6 years and older (includes fluoroscopic guidance, when performed)			X
33953	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of peripheral (arterial and/or venous) cannula(e), open, birth through 5 years of age		X	
33954	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of peripheral (arterial and/or venous) cannula(e), open, 6 years and older		X	
33955	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of central cannula(e) by sternotomy or thoracotomy, birth through 5 years of age	X		
33956	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of central cannula(e) by sternotomy or thoracotomy, 6 years and older	X		
33957	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), percutaneous, birth through 5 years of age (includes fluoroscopic guidance, when performed)			X
33958	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), percutaneous, 6 years and older (includes fluoroscopic guidance, when performed)			X
33959	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), open, birth through 5 years of age (includes fluoroscopic guidance, when performed)		X	
33962	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), open, 6 years and older (includes fluoroscopic guidance, when performed)		X	
33963	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition of central cannula(e) by sternotomy or thoracotomy, birth through 5 years of age (includes fluoroscopic guidance, when performed)	X		
33964	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition central cannula(e) by sternotomy or thoracotomy, 6 years and older (includes fluoroscopic guidance, when performed)	X		
33965	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of peripheral (arterial and/or venous) cannula(e), percutaneous, birth through 5 years of age			X
33966	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of peripheral (arterial and/or venous) cannula(e), percutaneous, 6 years and older			X
33967	Insertion of intra-aortic balloon assist device, percutaneous		X	
33968	Removal of intra-aortic balloon assist device, percutaneous			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
33969	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of peripheral (arterial and/or venous) cannula(e), open, birth through 5 years of age		X	
33970	Insertion of intra-aortic balloon assist device through the femoral artery, open approach	X	O	
33971	Removal of intra-aortic balloon assist device including repair of femoral artery, with or without graft	X		
33973	Insertion of intra-aortic balloon assist device through the ascending aorta	X	O	
33974	Removal of intra-aortic balloon assist device from the ascending aorta, including repair of the ascending aorta, with or without graft	X		
33975	Insertion of ventricular assist device; extracorporeal, single ventricle	X	O	
33976	Insertion of ventricular assist device; extracorporeal, biventricular	X	O	
33977	Removal of ventricular assist device; extracorporeal, single ventricle	X,O		
33978	Removal of ventricular assist device; extracorporeal, biventricular	X,O		
33979	Insertion of ventricular assist device, implantable intracorporeal, single ventricle	X,O		
33980	Removal of ventricular assist device, implantable intracorporeal, single ventricle	X,O		
33981	Replacement of extracorporeal ventricular assist device, single or biventricular, pump(s), single or each pump	X,O		
33982	Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, without cardiopulmonary bypass	X,O		
33983	Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, with cardiopulmonary bypass	X,O		
33984	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of peripheral (arterial and/or venous) cannula(e), open, 6 years and older		X	
33985	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of central cannula(e) by sternotomy or thoracotomy, birth through 5 years of age	X		
33986	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of central cannula(e) by sternotomy or thoracotomy, 6 years and older	X		
33987	Arterial exposure with creation of graft conduit (eg, chimney graft) to facilitate arterial perfusion for ECMO/ECLS (List separately in addition to code for primary procedure)	X		
33988	Insertion of left heart vent by thoracic incision (eg, sternotomy, thoracotomy) for ECMO/ECLS	X		
33989	Removal of left heart vent by thoracic incision (eg, sternotomy, thoracotomy) for ECMO/ECLS	X		
33990	Insertion of ventricular assist device, percutaneous including radiological supervision and interpretation; arterial access only	X,O		
33991	Insertion of ventricular assist device, percutaneous including radiological supervision and interpretation; both arterial and venous access, with transseptal puncture	X,O		
33992	Removal of percutaneous ventricular assist device at separate and distinct session from insertion	X,O		
33993	Repositioning of percutaneous ventricular assist device with imaging guidance at separate and distinct session from insertion	X,O		
34001	Embolectomy or thrombectomy, with or without catheter; carotid, subclavian or innominate artery, by neck incision	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
34051	Embolectomy or thrombectomy, with or without catheter; innominate, subclavian artery, by thoracic incision	X		
34101	Embolectomy or thrombectomy, with or without catheter; axillary, brachial, innominate, subclavian artery, by arm incision	X		
34111	Embolectomy or thrombectomy, with or without catheter; radial or ulnar artery, by arm incision		X	
34151	Embolectomy or thrombectomy, with or without catheter; renal, celiac, mesentery, aortoiliac artery, by abdominal incision	X	O	
34201	Embolectomy or thrombectomy, with or without catheter; femoropopliteal, aortoiliac artery, by leg incision	X		
34203	Embolectomy or thrombectomy, with or without catheter; popliteal-tibio-peroneal artery, by leg incision	X		
34401	Thrombectomy, direct or with catheter; vena cava, iliac vein, by abdominal incision	X	O	
34421	Thrombectomy, direct or with catheter; vena cava, iliac, femoropopliteal vein, by leg incision	X		
34451	Thrombectomy, direct or with catheter; vena cava, iliac, femoropopliteal vein, by abdominal and leg incision	X		
34471	Thrombectomy, direct or with catheter; subclavian vein, by neck incision	X		
34490	Thrombectomy, direct or with catheter; axillary and subclavian vein, by arm incision		X	
34501	Valvuloplasty, femoral vein	X		
34502	Reconstruction of vena cava, any method	X	O	
34510	Venous valve transposition, any vein donor	X		
34520	Cross-over vein graft to venous system	X		
34530	Saphenopopliteal vein anastomosis	X		
34800	Endovascular repair of infrarenal abdominal aortic aneurysm or dissection; using aorto-aortic tube prosthesis	X		
34802	Endovascular repair of infrarenal abdominal aortic aneurysm or dissection; using modular bifurcated prosthesis (1 docking limb)	X		
34803	Endovascular repair of infrarenal abdominal aortic aneurysm or dissection; using modular bifurcated prosthesis (2 docking limbs)	X		
34804	Endovascular repair of infrarenal abdominal aortic aneurysm or dissection; using unibody bifurcated prosthesis	X		
34805	Endovascular repair of infrarenal abdominal aortic aneurysm or dissection; using aorto-uniiliac or aorto-unifemoral prosthesis	X		
34806	Transcatheter placement of wireless physiologic sensor in aneurysmal sac during endovascular repair, including radiological supervision and interpretation, instrument calibration, and collection of pressure data (List separately in addition to code for primary procedure)		X	
34808	Endovascular placement of iliac artery occlusion device (List separately in addition to code for primary procedure)	X		
34812	Open femoral artery exposure for delivery of endovascular prosthesis, by groin incision, unilateral		X	
34813	Placement of femoral-femoral prosthetic graft during endovascular aortic aneurysm repair (List separately in addition to code for primary procedure)	X		
34820	Open iliac artery exposure for delivery of endovascular prosthesis or iliac occlusion during endovascular therapy, by abdominal or retroperitoneal incision, unilateral	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
34825	Placement of proximal or distal extension prosthesis for endovascular repair of infrarenal abdominal aortic or iliac aneurysm, false aneurysm, or dissection; initial vessel	X		
34826	Placement of proximal or distal extension prosthesis for endovascular repair of infrarenal abdominal aortic or iliac aneurysm, false aneurysm, or dissection; each additional vessel (List separately in addition to code for primary procedure)	X		
34830	Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; tube prosthesis	X	O	
34831	Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; aorto-bi-iliac prosthesis	X	O	
34832	Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; aorto-bifemoral prosthesis	X	O	
34833	Open iliac artery exposure with creation of conduit for delivery of aortic or iliac endovascular prosthesis, by abdominal or retroperitoneal incision, unilateral	X	O	
34834	Open brachial artery exposure to assist in the deployment of aortic or iliac endovascular prosthesis by arm incision, unilateral		X	
34839	Physician planning of a patient-specific fenestrated visceral aortic endograft requiring a minimum of 90 minutes of physician time			X
34841	Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including one visceral artery endoprosthesis (superior mesenteric, celiac or renal artery)	X		
34842	Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including two visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	X		
34843	Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including three visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	X		
34844	Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including four or more visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	X		
34845	Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including one visceral artery endoprosthesis (superior mesenteric, celiac or renal artery)	X		

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34846	Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including two visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	X		
34847	Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including three visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	X		
34848	Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including four or more visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	X		
34900	Endovascular repair of iliac artery (eg, aneurysm, pseudoaneurysm, arteriovenous malformation, trauma) using ilio-iliac tube endoprosthesis	X		
35001	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm and associated occlusive disease, carotid, subclavian artery, by neck incision	X		
35002	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, carotid, subclavian artery, by neck incision	X		
35005	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, vertebral artery	X		
35011	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm and associated occlusive disease, axillary-brachial artery, by arm incision	X		
35013	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, axillary-brachial artery, by arm incision	X		
35021	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, innominate, subclavian artery, by thoracic incision	X		
35022	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, innominate, subclavian artery, by thoracic incision	X		
35045	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, radial or ulnar artery	X		
35081	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, abdominal aorta	X		
35082	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, abdominal aorta	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
35091	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, abdominal aorta involving visceral vessels (mesenteric, celiac, renal)	X		
35092	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, abdominal aorta involving visceral vessels (mesenteric, celiac, renal)	X		
35102	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, abdominal aorta involving iliac vessels (common, hypogastric, external)	X		
35103	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, abdominal aorta involving iliac vessels (common, hypogastric, external)	X		
35111	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, splenic artery	X		
35112	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, splenic artery	X		
35121	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, hepatic, celiac, renal, or mesenteric artery	X		
35122	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, hepatic, celiac, renal, or mesenteric artery	X		
35131	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, iliac artery (common, hypogastric, external)	X		
35132	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, iliac artery (common, hypogastric, external)	X		
35141	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, common femoral artery (profunda femoris, superficial femoral)	X		
35142	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, common femoral artery (profunda femoris, superficial femoral)	X		
35151	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, popliteal artery	X		
35152	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, popliteal artery	X		
35180	Repair, congenital arteriovenous fistula; head and neck	X		
35182	Repair, congenital arteriovenous fistula; thorax and abdomen	X		
35184	Repair, congenital arteriovenous fistula; extremities	X		
35188	Repair, acquired or traumatic arteriovenous fistula; head and neck	X		
35189	Repair, acquired or traumatic arteriovenous fistula; thorax and abdomen	X		
35190	Repair, acquired or traumatic arteriovenous fistula; extremities	X		

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35201	Repair blood vessel, direct; neck	X		
35206	Repair blood vessel, direct; upper extremity	X		
35207	Repair blood vessel, direct; hand, finger	X		
35211	Repair blood vessel, direct; intrathoracic, with bypass	X	O	
35216	Repair blood vessel, direct; intrathoracic, without bypass	X	O	
35221	Repair blood vessel, direct; intra-abdominal	X		
35226	Repair blood vessel, direct; lower extremity	X		
35231	Repair blood vessel with vein graft; neck	X		
35236	Repair blood vessel with vein graft; upper extremity	X		
35241	Repair blood vessel with vein graft; intrathoracic, with bypass	X	O	
35246	Repair blood vessel with vein graft; intrathoracic, without bypass	X	O	
35251	Repair blood vessel with vein graft; intra-abdominal	X		
35256	Repair blood vessel with vein graft; lower extremity	X		
35261	Repair blood vessel with graft other than vein; neck	X		
35266	Repair blood vessel with graft other than vein; upper extremity	X		
35271	Repair blood vessel with graft other than vein; intrathoracic, with bypass	X	O	
35276	Repair blood vessel with graft other than vein; intrathoracic, without bypass	X	O	
35281	Repair blood vessel with graft other than vein; intra-abdominal	X		
35286	Repair blood vessel with graft other than vein; lower extremity	X		
35301	Thromboendarterectomy, including patch graft, if performed; carotid, vertebral, subclavian, by neck incision	X		
35302	Thromboendarterectomy, including patch graft, if performed; superficial femoral artery	X		
35303	Thromboendarterectomy, including patch graft, if performed; popliteal artery	X		
35304	Thromboendarterectomy, including patch graft, if performed; tibioperoneal trunk artery	X		
35305	Thromboendarterectomy, including patch graft, if performed; tibial or peroneal artery, initial vessel	X		
35306	Thromboendarterectomy, including patch graft, if performed; each additional tibial or peroneal artery (List separately in addition to code for primary procedure)	X		
35311	Thromboendarterectomy, including patch graft, if performed; subclavian, innominate, by thoracic incision	X	O	
35321	Thromboendarterectomy, including patch graft, if performed; axillary-brachial	X		
35331	Thromboendarterectomy, including patch graft, if performed; abdominal aorta	X		
35341	Thromboendarterectomy, including patch graft, if performed; mesenteric, celiac, or renal	X		
35351	Thromboendarterectomy, including patch graft, if performed; iliac	X		
35355	Thromboendarterectomy, including patch graft, if performed; iliofemoral	X		
35361	Thromboendarterectomy, including patch graft, if performed; combined aortoiliac	X		
35363	Thromboendarterectomy, including patch graft, if performed; combined aortoiliofemoral	X		
35371	Thromboendarterectomy, including patch graft, if performed; common femoral	X		
35372	Thromboendarterectomy, including patch graft, if performed; deep (profunda) femoral	X		
35390	Reoperation, carotid, thromboendarterectomy, more than 1 month after original operation (List separately in addition to code for primary procedure)	X		

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35400	Angioscopy (noncoronary vessels or grafts) during therapeutic intervention (List separately in addition to code for primary procedure)			X
35450	Transluminal balloon angioplasty, open; renal or other visceral artery	X		
35452	Transluminal balloon angioplasty, open; aortic	X		
35458	Transluminal balloon angioplasty, open; brachiocephalic trunk or branches, each vessel		X	
35460	Transluminal balloon angioplasty, open; venous	X		
35471	Transluminal balloon angioplasty, percutaneous; renal or visceral artery		X	
35472	Transluminal balloon angioplasty, percutaneous; aortic		X	
35475	Transluminal balloon angioplasty, percutaneous; brachiocephalic trunk or branches, each vessel		X	
35476	Transluminal balloon angioplasty, percutaneous; venous		X	
35500	Harvest of upper extremity vein, 1 segment, for lower extremity or coronary artery bypass procedure (List separately in addition to code for primary procedure)	X		
35501	Bypass graft, with vein; common carotid-ipsilateral internal carotid	X		
35506	Bypass graft, with vein; carotid-subclavian or subclavian-carotid	X		
35508	Bypass graft, with vein; carotid-vertebral	X		
35509	Bypass graft, with vein; carotid-contralateral carotid	X		
35510	Bypass graft, with vein; carotid-brachial	X		
35511	Bypass graft, with vein; subclavian-subclavian	X		
35512	Bypass graft, with vein; subclavian-brachial	X		
35515	Bypass graft, with vein; subclavian-vertebral	X		
35516	Bypass graft, with vein; subclavian-axillary	X		
35518	Bypass graft, with vein; axillary-axillary	X		
35521	Bypass graft, with vein; axillary-femoral	X		
35522	Bypass graft, with vein; axillary-brachial	X		
35523	Bypass graft, with vein; brachial-ulnar or -radial	X		
35525	Bypass graft, with vein; brachial-brachial	X		
35526	Bypass graft, with vein; aortosubclavian, aortoinnominate, or aortocarotid	X		
35531	Bypass graft, with vein; aortoceliac or aortomesenteric	X		
35533	Bypass graft, with vein; axillary-femoral-femoral	X		
35535	Bypass graft, with vein; hepatorenal	X		
35536	Bypass graft, with vein; splenorenal	X		
35537	Bypass graft, with vein; aortoiliac	X	O	
35538	Bypass graft, with vein; aortobi-iliac	X	O	
35539	Bypass graft, with vein; aortofemoral	X	O	
35540	Bypass graft, with vein; aortobifemoral	X	O	
35556	Bypass graft, with vein; femoral-popliteal	X		
35558	Bypass graft, with vein; femoral-femoral	X		
35560	Bypass graft, with vein; aortorenal	X		
35563	Bypass graft, with vein; ilioiliac	X		
35565	Bypass graft, with vein; iliofemoral	X		

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35566	Bypass graft, with vein; femoral-anterior tibial, posterior tibial, peroneal artery or other distal vessels	X		
35570	Bypass graft, with vein; tibial-tibial, peroneal-tibial, or tibial/peroneal trunk-tibial	X		
35571	Bypass graft, with vein; popliteal-tibial, -peroneal artery or other distal vessels	X		
35572	Harvest of femoropopliteal vein, 1 segment, for vascular reconstruction procedure (eg, aortic, vena caval, coronary, peripheral artery) (List separately in addition to code for primary procedure)	X		
35583	In-situ vein bypass; femoral-popliteal	X		
35585	In-situ vein bypass; femoral-anterior tibial, posterior tibial, or peroneal artery	X		
35587	In-situ vein bypass; popliteal-tibial, peroneal	X		
35600	Harvest of upper extremity artery, 1 segment, for coronary artery bypass procedure (List separately in addition to code for primary procedure)	X		
35601	Bypass graft, with other than vein; common carotid-ipsilateral internal carotid	X		
35606	Bypass graft, with other than vein; carotid-subclavian	X		
35612	Bypass graft, with other than vein; subclavian-subclavian	X		
35616	Bypass graft, with other than vein; subclavian-axillary	X		
35621	Bypass graft, with other than vein; axillary-femoral	X		
35623	Bypass graft, with other than vein; axillary-popliteal or -tibial	X		
35626	Bypass graft, with other than vein; aortosubclavian, aortoinnominate, or aortocarotid	X	O	
35631	Bypass graft, with other than vein; aortoceliac, aortomesenteric, aortorenal	X		
35632	Bypass graft, with other than vein; ilio-celiac	X		
35633	Bypass graft, with other than vein; ilio-mesenteric	X		
35634	Bypass graft, with other than vein; iliorenal	X		
35636	Bypass graft, with other than vein; splenorenal (splenic to renal arterial anastomosis)	X		
35637	Bypass graft, with other than vein; aortoiliac	X	O	
35638	Bypass graft, with other than vein; aortobi-iliac	X	O	
35642	Bypass graft, with other than vein; carotid-vertebral	X		
35645	Bypass graft, with other than vein; subclavian-vertebral	X		
35646	Bypass graft, with other than vein; aortobifemoral	X		
35647	Bypass graft, with other than vein; aortofemoral	X		
35650	Bypass graft, with other than vein; axillary-axillary	X		
35654	Bypass graft, with other than vein; axillary-femoral-femoral	X		
35656	Bypass graft, with other than vein; femoral-popliteal	X		
35661	Bypass graft, with other than vein; femoral-femoral	X		
35663	Bypass graft, with other than vein; ilioliac	X		
35665	Bypass graft, with other than vein; iliofemoral	X		
35666	Bypass graft, with other than vein; femoral-anterior tibial, posterior tibial, or peroneal artery	X		
35671	Bypass graft, with other than vein; popliteal-tibial or -peroneal artery	X		
35681	Bypass graft; composite, prosthetic and vein (List separately in addition to code for primary procedure)		X	
35682	Bypass graft; autogenous composite, 2 segments of veins from 2 locations (List separately in addition to code for primary procedure)	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
35683	Bypass graft; autogenous composite, 3 or more segments of vein from 2 or more locations (List separately in addition to code for primary procedure)	X		
35685	Placement of vein patch or cuff at distal anastomosis of bypass graft, synthetic conduit (List separately in addition to code for primary procedure)	X		
35686	Creation of distal arteriovenous fistula during lower extremity bypass surgery (non-hemodialysis) (List separately in addition to code for primary procedure)	X		
35691	Transposition and/or reimplantation; vertebral to carotid artery	X		
35693	Transposition and/or reimplantation; vertebral to subclavian artery	X		
35694	Transposition and/or reimplantation; subclavian to carotid artery	X		
35695	Transposition and/or reimplantation; carotid to subclavian artery	X		
35697	Reimplantation, visceral artery to infrarenal aortic prosthesis, each artery (List separately in addition to code for primary procedure)	X	O	
35700	Reoperation, femoral-popliteal or femoral (popliteal)-anterior tibial, posterior tibial, peroneal artery, or other distal vessels, more than 1 month after original operation (List separately in addition to code for primary procedure)	X		
35701	Exploration (not followed by surgical repair), with or without lysis of artery; carotid artery	X		
35721	Exploration (not followed by surgical repair), with or without lysis of artery; femoral artery	X		
35741	Exploration (not followed by surgical repair), with or without lysis of artery; popliteal artery	X		
35761	Exploration (not followed by surgical repair), with or without lysis of artery; other vessels		X	
35800	Exploration for postoperative hemorrhage, thrombosis or infection; neck	X		
35820	Exploration for postoperative hemorrhage, thrombosis or infection; chest	X		
35840	Exploration for postoperative hemorrhage, thrombosis or infection; abdomen	X		
35860	Exploration for postoperative hemorrhage, thrombosis or infection; extremity	X		
35870	Repair of graft-enteric fistula	X		
35875	Thrombectomy of arterial or venous graft (other than hemodialysis graft or fistula);	X		
35876	Thrombectomy of arterial or venous graft (other than hemodialysis graft or fistula); with revision of arterial or venous graft	X		
35879	Revision, lower extremity arterial bypass, without thrombectomy, open; with vein patch angioplasty	X		
35881	Revision, lower extremity arterial bypass, without thrombectomy, open; with segmental vein interposition	X		
35883	Revision, femoral anastomosis of synthetic arterial bypass graft in groin, open; with nonautogenous patch graft (eg, Dacron, ePTFE, bovine pericardium)	X		
35884	Revision, femoral anastomosis of synthetic arterial bypass graft in groin, open; with autogenous vein patch graft	X		
35901	Excision of infected graft; neck	X		
35903	Excision of infected graft; extremity	X		
35905	Excision of infected graft; thorax	X		
35907	Excision of infected graft; abdomen	X		
36000	Introduction of needle or intracatheter, vein			X

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36002	Injection procedures (eg, thrombin) for percutaneous treatment of extremity pseudoaneurysm			X
36005	Injection procedure for extremity venography (including introduction of needle or intracatheter)		X	
36010	Introduction of catheter, superior or inferior vena cava			X
36011	Selective catheter placement, venous system; first order branch (eg, renal vein, jugular vein)			X
36012	Selective catheter placement, venous system; second order, or more selective, branch (eg, left adrenal vein, petrosal sinus)			X
36013	Introduction of catheter, right heart or main pulmonary artery			X
36014	Selective catheter placement, left or right pulmonary artery			X
36015	Selective catheter placement, segmental or subsegmental pulmonary artery			X
36100	Introduction of needle or intracatheter, carotid or vertebral artery			X
36120	Introduction of needle or intracatheter; retrograde brachial artery			X
36140	Introduction of needle or intracatheter; extremity artery			X
36147	Introduction of needle and/or catheter, arteriovenous shunt created for dialysis (graft/fistula); initial access with complete radiological evaluation of dialysis access, including fluoroscopy, image documentation and report (includes access of shunt, injection[s] of contrast, and all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava)		X	
36148	Introduction of needle and/or catheter, arteriovenous shunt created for dialysis (graft/fistula); additional access for therapeutic intervention (List separately in addition to code for primary procedure)		X	
36160	Introduction of needle or intracatheter, aortic, translumbar			X
36200	Introduction of catheter, aorta			X
36215	Selective catheter placement, arterial system; each first order thoracic or brachiocephalic branch, within a vascular family			X
36216	Selective catheter placement, arterial system; initial second order thoracic or brachiocephalic branch, within a vascular family			X
36217	Selective catheter placement, arterial system; initial third order or more selective thoracic or brachiocephalic branch, within a vascular family			X
36218	Selective catheter placement, arterial system; additional second order, third order, and beyond, thoracic or brachiocephalic branch, within a vascular family (List in addition to code for initial second or third order vessel as appropriate)			X
36221	Non-selective catheter placement, thoracic aorta, with angiography of the extracranial carotid, vertebral, and/or intracranial vessels, unilateral or bilateral, and all associated radiological supervision and interpretation, includes angiography of the cervicocerebral arch, when performed			X
36222	Selective catheter placement, common carotid or innominate artery, unilateral, any approach, with angiography of the ipsilateral extracranial carotid circulation and all associated radiological supervision and interpretation, includes angiography of the cervicocerebral arch, when performed			X
36223	Selective catheter placement, common carotid or innominate artery, unilateral, any approach, with angiography of the ipsilateral intracranial carotid circulation and all associated radiological supervision and interpretation, includes angiography of the extracranial carotid and cervicocerebral arch, when performed			X

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36224	Selective catheter placement, internal carotid artery, unilateral, with angiography of the ipsilateral intracranial carotid circulation and all associated radiological supervision and interpretation, includes angiography of the extracranial carotid and cervicocerebral arch, when performed			X
36225	Selective catheter placement, subclavian or innominate artery, unilateral, with angiography of the ipsilateral vertebral circulation and all associated radiological supervision and interpretation, includes angiography of the cervicocerebral arch, when performed			X
36226	Selective catheter placement, vertebral artery, unilateral, with angiography of the ipsilateral vertebral circulation and all associated radiological supervision and interpretation, includes angiography of the cervicocerebral arch, when performed			X
36227	Selective catheter placement, external carotid artery, unilateral, with angiography of the ipsilateral external carotid circulation and all associated radiological supervision and interpretation (List separately in addition to code for primary procedure)			X
36228	Selective catheter placement, each intracranial branch of the internal carotid or vertebral arteries, unilateral, with angiography of the selected vessel circulation and all associated radiological supervision and interpretation (eg, middle cerebral artery, posterior inferior cerebellar artery) (List separately in addition to code for primary procedure)			X
36245	Selective catheter placement, arterial system; each first order abdominal, pelvic, or lower extremity artery branch, within a vascular family			X
36246	Selective catheter placement, arterial system; initial second order abdominal, pelvic, or lower extremity artery branch, within a vascular family			X
36247	Selective catheter placement, arterial system; initial third order or more selective abdominal, pelvic, or lower extremity artery branch, within a vascular family			X
36248	Selective catheter placement, arterial system; additional second order, third order, and beyond, abdominal, pelvic, or lower extremity artery branch, within a vascular family (List in addition to code for initial second or third order vessel as appropriate)			X
36251	Selective catheter placement (first-order), main renal artery and any accessory renal artery(s) for renal angiography, including arterial puncture and catheter placement(s), fluoroscopy, contrast injection(s), image postprocessing, permanent recording of images, and radiological supervision and interpretation, including pressure gradient measurements when performed, and flush aortogram when performed; unilateral			X
36252	Selective catheter placement (first-order), main renal artery and any accessory renal artery(s) for renal angiography, including arterial puncture and catheter placement(s), fluoroscopy, contrast injection(s), image postprocessing, permanent recording of images, and radiological supervision and interpretation, including pressure gradient measurements when performed, and flush aortogram when performed; bilateral			X
36253	Superselective catheter placement (one or more second order or higher renal artery branches) renal artery and any accessory renal artery(s) for renal angiography, including arterial puncture, catheterization, fluoroscopy, contrast injection(s), image postprocessing, permanent recording of images, and radiological supervision and interpretation, including pressure gradient measurements when performed, and flush aortogram when performed; unilateral			X
36254	Superselective catheter placement (one or more second order or higher renal artery branches) renal artery and any accessory renal artery(s) for renal angiography, including arterial puncture, catheterization, fluoroscopy, contrast injection(s), image postprocessing, permanent recording of images, and radiological supervision and interpretation, including pressure gradient measurements when performed, and flush aortogram when performed; bilateral			X

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36260	Insertion of implantable intra-arterial infusion pump (eg, for chemotherapy of liver)		X	
36261	Revision of implanted intra-arterial infusion pump		X	
36262	Removal of implanted intra-arterial infusion pump		X	
36400	Venipuncture, younger than age 3 years, necessitating the skill of a physician or other qualified health care professional, not to be used for routine venipuncture; femoral or jugular vein			X
36405	Venipuncture, younger than age 3 years, necessitating the skill of a physician or other qualified health care professional, not to be used for routine venipuncture; scalp vein			X
36406	Venipuncture, younger than age 3 years, necessitating the skill of a physician or other qualified health care professional, not to be used for routine venipuncture; other vein			X
36410	Venipuncture, age 3 years or older, necessitating the skill of a physician or other qualified health care professional (separate procedure), for diagnostic or therapeutic purposes (not to be used for routine venipuncture)			X
36415	Collection of venous blood by venipuncture			X
36416	Collection of capillary blood specimen (eg, finger, heel, ear stick)			X
36420	Venipuncture, cutdown; younger than age 1 year			X
36425	Venipuncture, cutdown; age 1 or over			X
36430	Transfusion, blood or blood components			X
36440	Push transfusion, blood, 2 years or younger			X
36450	Exchange transfusion, blood; newborn			X
36455	Exchange transfusion, blood; other than newborn		X	
36460	Transfusion, intrauterine, fetal		X	
36468	Single or multiple injections of sclerosing solutions, spider veins (telangiectasia), limb or trunk			X
36470	Injection of sclerosing solution; single vein			X
36471	Injection of sclerosing solution; multiple veins, same leg			X
36475	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, radiofrequency; first vein treated		X	
36476	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, radiofrequency; second and subsequent veins treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)		X	
36478	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, laser; first vein treated		X	
36479	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, laser; second and subsequent veins treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)		X	
36481	Percutaneous portal vein catheterization by any method		X	
36500	Venous catheterization for selective organ blood sampling			X
36510	Catheterization of umbilical vein for diagnosis or therapy, newborn			X
36511	Therapeutic apheresis; for white blood cells			X
36512	Therapeutic apheresis; for red blood cells			X
36513	Therapeutic apheresis; for platelets			X
36514	Therapeutic apheresis; for plasma pheresis			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
36515	Therapeutic apheresis; with extracorporeal immunoadsorption and plasma reinfusion			X
36516	Therapeutic apheresis; with extracorporeal selective adsorption or selective filtration and plasma reinfusion			X
36522	Photopheresis, extracorporeal			X
36555	Insertion of non-tunneled centrally inserted central venous catheter; younger than 5 years of age			X
36556	Insertion of non-tunneled centrally inserted central venous catheter; age 5 years or older			X
36557	Insertion of tunneled centrally inserted central venous catheter, without subcutaneous port or pump; younger than 5 years of age		X	
36558	Insertion of tunneled centrally inserted central venous catheter, without subcutaneous port or pump; age 5 years or older		X	
36560	Insertion of tunneled centrally inserted central venous access device, with subcutaneous port; younger than 5 years of age		X	
36561	Insertion of tunneled centrally inserted central venous access device, with subcutaneous port; age 5 years or older		X	
36563	Insertion of tunneled centrally inserted central venous access device with subcutaneous pump		X	
36565	Insertion of tunneled centrally inserted central venous access device, requiring 2 catheters via 2 separate venous access sites; without subcutaneous port or pump (eg, Tesio type catheter)		X	
36566	Insertion of tunneled centrally inserted central venous access device, requiring 2 catheters via 2 separate venous access sites; with subcutaneous port(s)		X	
36568	Insertion of peripherally inserted central venous catheter (PICC), without subcutaneous port or pump; younger than 5 years of age			X
36569	Insertion of peripherally inserted central venous catheter (PICC), without subcutaneous port or pump; age 5 years or older			X
36570	Insertion of peripherally inserted central venous access device, with subcutaneous port; younger than 5 years of age		X	
36571	Insertion of peripherally inserted central venous access device, with subcutaneous port; age 5 years or older		X	
36575	Repair of tunneled or non-tunneled central venous access catheter, without subcutaneous port or pump, central or peripheral insertion site			X
36576	Repair of central venous access device, with subcutaneous port or pump, central or peripheral insertion site		X	
36578	Replacement, catheter only, of central venous access device, with subcutaneous port or pump, central or peripheral insertion site		X	
36580	Replacement, complete, of a non-tunneled centrally inserted central venous catheter, without subcutaneous port or pump, through same venous access			X
36581	Replacement, complete, of a tunneled centrally inserted central venous catheter, without subcutaneous port or pump, through same venous access		X	
36582	Replacement, complete, of a tunneled centrally inserted central venous access device, with subcutaneous port, through same venous access		X	
36583	Replacement, complete, of a tunneled centrally inserted central venous access device, with subcutaneous pump, through same venous access		X	
36584	Replacement, complete, of a peripherally inserted central venous catheter (PICC), without subcutaneous port or pump, through same venous access			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
36585	Replacement, complete, of a peripherally inserted central venous access device, with subcutaneous port, through same venous access		X	
36589	Removal of tunneled central venous catheter, without subcutaneous port or pump			X
36590	Removal of tunneled central venous access device, with subcutaneous port or pump, central or peripheral insertion		X	
36591	Collection of blood specimen from a completely implantable venous access device			X
36592	Collection of blood specimen using established central or peripheral catheter, venous, not otherwise specified			X
36593	Dec clotting by thrombolytic agent of implanted vascular access device or catheter			X
36595	Mechanical removal of pericatheter obstructive material (eg, fibrin sheath) from central venous device via separate venous access			X
36596	Mechanical removal of intraluminal (intracatheter) obstructive material from central venous device through device lumen			X
36597	Repositioning of previously placed central venous catheter under fluoroscopic guidance			X
36598	Contrast injection(s) for radiologic evaluation of existing central venous access device, including fluoroscopy, image documentation and report			X
36600	Arterial puncture, withdrawal of blood for diagnosis			X
36620	Arterial catheterization or cannulation for sampling, monitoring or transfusion (separate procedure); percutaneous			X
36625	Arterial catheterization or cannulation for sampling, monitoring or transfusion (separate procedure); cutdown			X
36640	Arterial catheterization for prolonged infusion therapy (chemotherapy), cutdown			X
36660	Catheterization, umbilical artery, newborn, for diagnosis or therapy			X
36680	Placement of needle for intraosseous infusion			X
36800	Insertion of cannula for hemodialysis, other purpose (separate procedure); vein to vein			X
36810	Insertion of cannula for hemodialysis, other purpose (separate procedure); arteriovenous, external (Scribner type)			X
36815	Insertion of cannula for hemodialysis, other purpose (separate procedure); arteriovenous, external revision, or closure			X
36818	Arteriovenous anastomosis, open; by upper arm cephalic vein transposition		X	
36819	Arteriovenous anastomosis, open; by upper arm basilic vein transposition	X		
36820	Arteriovenous anastomosis, open; by forearm vein transposition		X	
36821	Arteriovenous anastomosis, open; direct, any site (eg, Cimino type) (separate procedure)		X	
36823	Insertion of arterial and venous cannula(s) for isolated extracorporeal circulation including regional chemotherapy perfusion to an extremity, with or without hyperthermia, with removal of cannula(s) and repair of arteriotomy and venotomy sites		X	
36825	Creation of arteriovenous fistula by other than direct arteriovenous anastomosis (separate procedure); autogenous graft	X		
36830	Creation of arteriovenous fistula by other than direct arteriovenous anastomosis (separate procedure); nonautogenous graft (eg, biological collagen, thermoplastic graft)	X		
36831	Thrombectomy, open, arteriovenous fistula without revision, autogenous or nonautogenous dialysis graft (separate procedure)		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
36832	Revision, open, arteriovenous fistula; without thrombectomy, autogenous or nonautogenous dialysis graft (separate procedure)		X	
36833	Revision, open, arteriovenous fistula; with thrombectomy, autogenous or nonautogenous dialysis graft (separate procedure)		X	
36835	Insertion of Thomas shunt (separate procedure)	X		
36838	Distal revascularization and interval ligation (DRIL), upper extremity hemodialysis access (steal syndrome)		X	
36860	External cannula declotting (separate procedure); without balloon catheter			X
36861	External cannula declotting (separate procedure); with balloon catheter			X
36870	Thrombectomy, percutaneous, arteriovenous fistula, autogenous or nonautogenous graft (includes mechanical thrombus extraction and intra-graft thrombolysis)		X	
37140	Venous anastomosis, open; portocaval	X		
37145	Venous anastomosis, open; renoportal	X		
37160	Venous anastomosis, open; caval-mesenteric	X		
37180	Venous anastomosis, open; splenorenal, proximal	X		
37181	Venous anastomosis, open; splenorenal, distal (selective decompression of esophagogastric varices, any technique)	X		
37182	Insertion of transvenous intrahepatic portosystemic shunt(s) (TIPS) (includes venous access, hepatic and portal vein catheterization, portography with hemodynamic evaluation, intrahepatic tract formation/dilatation, stent placement and all associated imaging guidance and documentation)		X	
37183	Revision of transvenous intrahepatic portosystemic shunt(s) (TIPS) (includes venous access, hepatic and portal vein catheterization, portography with hemodynamic evaluation, intrahepatic tract recanalization/dilatation, stent placement and all associated imaging guidance and documentation)		X	
37184	Primary percutaneous transluminal mechanical thrombectomy, noncoronary, non-intracranial, arterial or arterial bypass graft, including fluoroscopic guidance and intraprocedural pharmacological thrombolytic injection(s); initial vessel		X	
37185	Primary percutaneous transluminal mechanical thrombectomy, noncoronary, non-intracranial, arterial or arterial bypass graft, including fluoroscopic guidance and intraprocedural pharmacological thrombolytic injection(s); second and all subsequent vessel(s) within the same vascular family (List separately in addition to code for primary mechanical thrombectomy procedure)		X	
37186	Secondary percutaneous transluminal thrombectomy (eg, nonprimary mechanical, snare basket, suction technique), noncoronary, non-intracranial, arterial or arterial bypass graft, including fluoroscopic guidance and intraprocedural pharmacological thrombolytic injections, provided in conjunction with another percutaneous intervention other than primary mechanical thrombectomy (List separately in addition to code for primary procedure)		X	
37187	Percutaneous transluminal mechanical thrombectomy, vein(s), including intraprocedural pharmacological thrombolytic injections and fluoroscopic guidance		X	
37188	Percutaneous transluminal mechanical thrombectomy, vein(s), including intraprocedural pharmacological thrombolytic injections and fluoroscopic guidance, repeat treatment on subsequent day during course of thrombolytic therapy		X	
37191	Insertion of intravascular vena cava filter, endovascular approach including vascular access, vessel selection, and radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance (ultrasound and fluoroscopy), when performed			X

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37192	Repositioning of intravascular vena cava filter, endovascular approach including vascular access, vessel selection, and radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance (ultrasound and fluoroscopy), when performed			X
37193	Retrieval (removal) of intravascular vena cava filter, endovascular approach including vascular access, vessel selection, and radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance (ultrasound and fluoroscopy), when performed			X
37195	Thrombolysis, cerebral, by intravenous infusion			X
37197	Transcatheter retrieval, percutaneous, of intravascular foreign body (eg, fractured venous or arterial catheter), includes radiological supervision and interpretation, and imaging guidance (ultrasound or fluoroscopy), when performed		X	
37200	Transcatheter biopsy			X
37211	Transcatheter therapy, arterial infusion for thrombolysis other than coronary or intracranial, any method, including radiological supervision and interpretation, initial treatment day			X
37212	Transcatheter therapy, venous infusion for thrombolysis, any method, including radiological supervision and interpretation, initial treatment day			X
37213	Transcatheter therapy, arterial or venous infusion for thrombolysis other than coronary, any method, including radiological supervision and interpretation, continued treatment on subsequent day during course of thrombolytic therapy, including follow-up catheter contrast injection, position change, or exchange, when performed;			X
37214	Transcatheter therapy, arterial or venous infusion for thrombolysis other than coronary, any method, including radiological supervision and interpretation, continued treatment on subsequent day during course of thrombolytic therapy, including follow-up catheter contrast injection, position change, or exchange, when performed; cessation of thrombolysis including removal of catheter and vessel closure by any method			X
37215	Transcatheter placement of intravascular stent(s), cervical carotid artery, open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation; with distal embolic protection	X		
37216	Transcatheter placement of intravascular stent(s), cervical carotid artery, open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation; without distal embolic protection	X		
37217	Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery by retrograde treatment, open ipsilateral cervical carotid artery exposure, including angioplasty, when performed, and radiological supervision and interpretation	X		
37218	Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery, open or percutaneous antegrade approach, including angioplasty, when performed, and radiological supervision and interpretation	X		
37220	Revascularization, endovascular, open or percutaneous, iliac artery, unilateral, initial vessel; with transluminal angioplasty		X	
37221	Revascularization, endovascular, open or percutaneous, iliac artery, unilateral, initial vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed		X	
37222	Revascularization, endovascular, open or percutaneous, iliac artery, each additional ipsilateral iliac vessel; with transluminal angioplasty (List separately in addition to code for primary procedure)		X	

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37223	Revascularization, endovascular, open or percutaneous, iliac artery, each additional ipsilateral iliac vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)		X	
37224	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal angioplasty		X	
37225	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with atherectomy, includes angioplasty within the same vessel, when performed		X	
37226	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed		X	
37227	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed		X	
37228	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal angioplasty		X	
37229	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with atherectomy, includes angioplasty within the same vessel, when performed		X	
37230	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed		X	
37231	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed		X	
37232	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal angioplasty (List separately in addition to code for primary procedure)		X	
37233	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with atherectomy, includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)		X	
37234	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)		X	
37235	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)		X	
37236	Transcatheter placement of an intravascular stent(s) (except lower extremity artery(s) for occlusive disease, cervical carotid, extracranial vertebral or intrathoracic carotid, intracranial, or coronary), open or percutaneous, including radiological supervision and interpretation and including all angioplasty within the same vessel, when performed; initial artery		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
37237	Transcatheter placement of an intravascular stent(s) (except lower extremity artery(s) for occlusive disease, cervical carotid, extracranial vertebral or intrathoracic carotid, intracranial, or coronary), open or percutaneous, including radiological supervision and interpretation and including all angioplasty within the same vessel, when performed; each additional artery (List separately in addition to code for primary procedure)		X	
37238	Transcatheter placement of an intravascular stent(s), open or percutaneous, including radiological supervision and interpretation and including angioplasty within the same vessel, when performed; initial vein		X	
37239	Transcatheter placement of an intravascular stent(s), open or percutaneous, including radiological supervision and interpretation and including angioplasty within the same vessel, when performed; each additional vein (List separately in addition to code for primary procedure)		X	
37241	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; venous, other than hemorrhage (eg, congenital or acquired venous malformations, venous and capillary hemangiomas, varices, varicoceles)		X	
37242	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; arterial, other than hemorrhage or tumor (eg, congenital or acquired arterial malformations, arteriovenous malformations, arteriovenous fistulas, aneurysms, pseudoaneurysms)		X	
37243	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for tumors, organ ischemia, or infarction		X	
37244	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for arterial or venous hemorrhage or lymphatic extravasation		X	
37252	Intravascular ultrasound (noncoronary vessel) during diagnostic evaluation and/or therapeutic intervention, including radiological supervision and interpretation; initial noncoronary vessel (List separately in addition to code for primary procedure)			X
37253	Intravascular ultrasound (noncoronary vessel) during diagnostic evaluation and/or therapeutic intervention, including radiological supervision and interpretation; each additional noncoronary vessel (List separately in addition to code for primary procedure)			X
37500	Vascular endoscopy, surgical, with ligation of perforator veins, subfascial (SEPS)		X	
37565	Ligation, internal jugular vein		X	
37600	Ligation; external carotid artery		X	
37605	Ligation; internal or common carotid artery		X	
37606	Ligation; internal or common carotid artery, with gradual occlusion, as with Selverstone or Crutchfield clamp		X	
37607	Ligation or banding of angioaccess arteriovenous fistula			X
37609	Ligation or biopsy, temporal artery			X
37615	Ligation, major artery (eg, post-traumatic, rupture); neck	X		
37616	Ligation, major artery (eg, post-traumatic, rupture); chest	X	O	
37617	Ligation, major artery (eg, post-traumatic, rupture); abdomen	X		
37618	Ligation, major artery (eg, post-traumatic, rupture); extremity	X		
37619	Ligation of inferior vena cava	X	O	

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37650	Ligation of femoral vein	X		
37660	Ligation of common iliac vein	X		
37700	Ligation and division of long saphenous vein at saphenofemoral junction, or distal interruptions			X
37718	Ligation, division, and stripping, short saphenous vein		X	
37722	Ligation, division, and stripping, long (greater) saphenous veins from saphenofemoral junction to knee or below		X	
37735	Ligation and division and complete stripping of long or short saphenous veins with radical excision of ulcer and skin graft and/or interruption of communicating veins of lower leg, with excision of deep fascia		X	
37760	Ligation of perforator veins, subfascial, radical (Linton type), including skin graft, when performed, open, 1 leg		X	
37761	Ligation of perforator vein(s), subfascial, open, including ultrasound guidance, when performed, 1 leg		X	
37765	Stab phlebectomy of varicose veins, 1 extremity; 10-20 stab incisions		X	
37766	Stab phlebectomy of varicose veins, 1 extremity; more than 20 incisions		X	
37780	Ligation and division of short saphenous vein at saphenopopliteal junction (separate procedure)			X
37785	Ligation, division, and/or excision of varicose vein cluster(s), 1 leg			X
37788	Penile revascularization, artery, with or without vein graft	X		
37790	Penile venous occlusive procedure	X		
38100	Splenectomy; total (separate procedure)	X		
38101	Splenectomy; partial (separate procedure)	X		
38102	Splenectomy; total, en bloc for extensive disease, in conjunction with other procedure (List in addition to code for primary procedure)	X		
38115	Repair of ruptured spleen (splenorrhaphy) with or without partial splenectomy	X		
38120	Laparoscopy, surgical, splenectomy	X		
38200	Injection procedure for splenoportography			X
38204	Management of recipient hematopoietic progenitor cell donor search and cell acquisition			X
38205	Blood-derived hematopoietic progenitor cell harvesting for transplantation, per collection; allogeneic			X
38206	Blood-derived hematopoietic progenitor cell harvesting for transplantation, per collection; autologous			X
38207	Transplant preparation of hematopoietic progenitor cells; cryopreservation and storage			X
38208	Transplant preparation of hematopoietic progenitor cells; thawing of previously frozen harvest, without washing, per donor			X
38209	Transplant preparation of hematopoietic progenitor cells; thawing of previously frozen harvest, with washing, per donor			X
38210	Transplant preparation of hematopoietic progenitor cells; specific cell depletion within harvest, T-cell depletion			X
38211	Transplant preparation of hematopoietic progenitor cells; tumor cell depletion			X
38212	Transplant preparation of hematopoietic progenitor cells; red blood cell removal			X
38213	Transplant preparation of hematopoietic progenitor cells; platelet depletion			X
38214	Transplant preparation of hematopoietic progenitor cells; plasma (volume) depletion			X

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38215	Transplant preparation of hematopoietic progenitor cells; cell concentration in plasma, mononuclear, or buffy coat layer			X
38220	Bone marrow; aspiration only			X
38221	Bone marrow; biopsy, needle or trocar			X
38230	Bone marrow harvesting for transplantation; allogeneic			X
38232	Bone marrow harvesting for transplantation; autologous			X
38240	Hematopoietic progenitor cell (HPC); allogeneic transplantation per donor			X
38241	Hematopoietic progenitor cell (HPC); autologous transplantation			X
38242	Allogeneic lymphocyte infusions			X
38243	Hematopoietic progenitor cell (HPC); HPC boost			X
38300	Drainage of lymph node abscess or lymphadenitis; simple			X
38305	Drainage of lymph node abscess or lymphadenitis; extensive		X	
38308	Lymphangiectomy or other operations on lymphatic channels	X		
38380	Suture and/or ligation of thoracic duct; cervical approach		X	
38381	Suture and/or ligation of thoracic duct; thoracic approach	X	O	
38382	Suture and/or ligation of thoracic duct; abdominal approach	X		
38500	Biopsy or excision of lymph node(s); open, superficial			X
38505	Biopsy or excision of lymph node(s); by needle, superficial (eg, cervical, inguinal, axillary)			X
38510	Biopsy or excision of lymph node(s); open, deep cervical node(s)		X	
38520	Biopsy or excision of lymph node(s); open, deep cervical node(s) with excision scalene fat pad		X	
38525	Biopsy or excision of lymph node(s); open, deep axillary node(s)		X	
38530	Biopsy or excision of lymph node(s); open, internal mammary node(s)		X	
38542	Dissection, deep jugular node(s)		X	
38550	Excision of cystic hygroma, axillary or cervical; without deep neurovascular dissection		X	
38555	Excision of cystic hygroma, axillary or cervical; with deep neurovascular dissection	X		
38562	Limited lymphadenectomy for staging (separate procedure); pelvic and para-aortic	X		
38564	Limited lymphadenectomy for staging (separate procedure); retroperitoneal (aortic and/or splenic)	X		
38570	Laparoscopy, surgical; with retroperitoneal lymph node sampling (biopsy), single or multiple	X		
38571	Laparoscopy, surgical; with bilateral total pelvic lymphadenectomy	X		
38572	Laparoscopy, surgical; with bilateral total pelvic lymphadenectomy and peri-aortic lymph node sampling (biopsy), single or multiple	X		
38700	Suprahyoid lymphadenectomy	X		
38720	Cervical lymphadenectomy (complete)	X		
38724	Cervical lymphadenectomy (modified radical neck dissection)	X		
38740	Axillary lymphadenectomy; superficial	X		
38745	Axillary lymphadenectomy; complete	X		
38746	Thoracic lymphadenectomy by thoracotomy, mediastinal and regional lymphadenectomy (List separately in addition to code for primary procedure)	X	O	

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38747	Abdominal lymphadenectomy, regional, including celiac, gastric, portal, peripancreatic, with or without para-aortic and vena caval nodes (List separately in addition to code for primary procedure)	X		
38760	Inguinofemoral lymphadenectomy, superficial, including Cloquets node (separate procedure)	X		
38765	Inguinofemoral lymphadenectomy, superficial, in continuity with pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes (separate procedure)	X		
38770	Pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes (separate procedure)	X		
38780	Retroperitoneal transabdominal lymphadenectomy, extensive, including pelvic, aortic, and renal nodes (separate procedure)	X		
38790	Injection procedure; lymphangiography			X
38792	Injection procedure; radioactive tracer for identification of sentinel node			X
38794	Cannulation, thoracic duct		X	
38900	Intraoperative identification (eg, mapping) of sentinel lymph node(s) includes injection of non-radioactive dye, when performed (List separately in addition to code for primary procedure)			X
39000	Mediastinotomy with exploration, drainage, removal of foreign body, or biopsy; cervical approach		X	
39010	Mediastinotomy with exploration, drainage, removal of foreign body, or biopsy; transthoracic approach, including either transthoracic or median sternotomy	X	O	
39200	Resection of mediastinal cyst	X	O	
39220	Resection of mediastinal tumor	X	O	
39401	Mediastinoscopy; includes biopsy(ies) of mediastinal mass (eg, lymphoma), when performed	X		
39402	Mediastinoscopy; with lymph node biopsy(ies) (eg, lung cancer staging)	X		
39501	Repair, laceration of diaphragm, any approach	X	O	
39503	Repair, neonatal diaphragmatic hernia, with or without chest tube insertion and with or without creation of ventral hernia	X	O	
39540	Repair, diaphragmatic hernia (other than neonatal), traumatic; acute	X	O	
39541	Repair, diaphragmatic hernia (other than neonatal), traumatic; chronic	X	O	
39545	Imbrication of diaphragm for eventration, transthoracic or transabdominal, paralytic or nonparalytic	X	O	
39560	Resection, diaphragm; with simple repair (eg, primary suture)	X	O	
39561	Resection, diaphragm; with complex repair (eg, prosthetic material, local muscle flap)	X	O	
40490	Biopsy of lip			X
40500	Vermilionectomy (lip shave), with mucosal advancement			X
40510	Excision of lip; transverse wedge excision with primary closure		X	
40520	Excision of lip; V-excision with primary direct linear closure		X	
40525	Excision of lip; full thickness, reconstruction with local flap (eg, Estlander or fan)		X	
40527	Excision of lip; full thickness, reconstruction with cross lip flap (Abbe-Estlander)		X	
40530	Resection of lip, more than one-fourth, without reconstruction		X	
40650	Repair lip, full thickness; vermilion only	X		
40652	Repair lip, full thickness; up to half vertical height		X	

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40654	Repair lip, full thickness; over one-half vertical height, or complex		X	
40700	Plastic repair of cleft lip/nasal deformity; primary, partial or complete, unilateral		X	
40701	Plastic repair of cleft lip/nasal deformity; primary bilateral, 1-stage procedure		X	
40702	Plastic repair of cleft lip/nasal deformity; primary bilateral, 1 of 2 stages		X	
40720	Plastic repair of cleft lip/nasal deformity; secondary, by recreation of defect and reclosure		X	
40761	Plastic repair of cleft lip/nasal deformity; with cross lip pedicle flap (Abbe-Estlander type), including sectioning and inserting of pedicle	X		
40800	Drainage of abscess, cyst, hematoma, vestibule of mouth; simple			X
40801	Drainage of abscess, cyst, hematoma, vestibule of mouth; complicated			X
40804	Removal of embedded foreign body, vestibule of mouth; simple			X
40805	Removal of embedded foreign body, vestibule of mouth; complicated		X	
40806	Incision of labial frenum (frenotomy)			X
40808	Biopsy, vestibule of mouth			X
40810	Excision of lesion of mucosa and submucosa, vestibule of mouth; without repair			X
40812	Excision of lesion of mucosa and submucosa, vestibule of mouth; with simple repair			X
40814	Excision of lesion of mucosa and submucosa, vestibule of mouth; with complex repair		X	
40816	Excision of lesion of mucosa and submucosa, vestibule of mouth; complex, with excision of underlying muscle		X	
40818	Excision of mucosa of vestibule of mouth as donor graft			X
40819	Excision of frenum, labial or buccal (frenumectomy, frenulectomy, frenectomy)			X
40820	Destruction of lesion or scar of vestibule of mouth by physical methods (eg, laser, thermal, cryo, chemical)			X
40830	Closure of laceration, vestibule of mouth; 2.5 cm or less			X
40831	Closure of laceration, vestibule of mouth; over 2.5 cm or complex		X	
40840	Vestibuloplasty; anterior		X	
40842	Vestibuloplasty; posterior, unilateral		X	
40843	Vestibuloplasty; posterior, bilateral		X	
40844	Vestibuloplasty; entire arch		X	
40845	Vestibuloplasty; complex (including ridge extension, muscle repositioning)		X	
41000	Intraoral incision and drainage of abscess, cyst, or hematoma of tongue or floor of mouth; lingual			X
41005	Intraoral incision and drainage of abscess, cyst, or hematoma of tongue or floor of mouth; sublingual, superficial		X	
41006	Intraoral incision and drainage of abscess, cyst, or hematoma of tongue or floor of mouth; sublingual, deep, supramylohyoid		X	
41007	Intraoral incision and drainage of abscess, cyst, or hematoma of tongue or floor of mouth; submental space		X	
41008	Intraoral incision and drainage of abscess, cyst, or hematoma of tongue or floor of mouth; submandibular space		X	
41009	Intraoral incision and drainage of abscess, cyst, or hematoma of tongue or floor of mouth; masticator space		X	
41010	Incision of lingual frenum (frenotomy)			X

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41015	Extraoral incision and drainage of abscess, cyst, or hematoma of floor of mouth; sublingual		X	
41016	Extraoral incision and drainage of abscess, cyst, or hematoma of floor of mouth; submental		X	
41017	Extraoral incision and drainage of abscess, cyst, or hematoma of floor of mouth; submandibular		X	
41018	Extraoral incision and drainage of abscess, cyst, or hematoma of floor of mouth; masticator space		X	
41019	Placement of needles, catheters, or other device(s) into the head and/or neck region (percutaneous, transoral, or transnasal) for subsequent interstitial radioelement application			X
41100	Biopsy of tongue; anterior two-thirds			X
41105	Biopsy of tongue; posterior one-third			X
41108	Biopsy of floor of mouth			X
41110	Excision of lesion of tongue without closure			X
41112	Excision of lesion of tongue with closure; anterior two-thirds		X	
41113	Excision of lesion of tongue with closure; posterior one-third		X	
41114	Excision of lesion of tongue with closure; with local tongue flap		X	
41115	Excision of lingual frenum (frenectomy)			X
41116	Excision, lesion of floor of mouth		X	
41120	Glossectomy; less than one-half tongue		X	
41130	Glossectomy; hemiglossectomy	X		
41135	Glossectomy; partial, with unilateral radical neck dissection	X		
41140	Glossectomy; complete or total, with or without tracheostomy, without radical neck dissection	X		
41145	Glossectomy; complete or total, with or without tracheostomy, with unilateral radical neck dissection	X		
41150	Glossectomy; composite procedure with resection floor of mouth and mandibular resection, without radical neck dissection	X		
41153	Glossectomy; composite procedure with resection floor of mouth, with suprahyoid neck dissection	X		
41155	Glossectomy; composite procedure with resection floor of mouth, mandibular resection, and radical neck dissection (Commando type)	X		
41250	Repair of laceration 2.5 cm or less; floor of mouth and/or anterior two-thirds of tongue			X
41251	Repair of laceration 2.5 cm or less; posterior one-third of tongue		X	
41252	Repair of laceration of tongue, floor of mouth, over 2.6 cm or complex		X	
41500	Fixation of tongue, mechanical, other than suture (eg, K-wire)			X
41510	Suture of tongue to lip for micrognathia (Douglas type procedure)		X	
41512	Tongue base suspension, permanent suture technique			X
41520	Frenoplasty (surgical revision of frenum, eg, with Z-plasty)		X	
41530	Submucosal ablation of the tongue base, radiofrequency, 1 or more sites, per session			X
41800	Drainage of abscess, cyst, hematoma from dentoalveolar structures			X
41805	Removal of embedded foreign body from dentoalveolar structures; soft tissues		X	
41806	Removal of embedded foreign body from dentoalveolar structures; bone		X	

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41820	Gingivectomy, excision gingiva, each quadrant			X
41821	Operculectomy, excision pericoronal tissues			X
41822	Excision of fibrous tuberosities, dentoalveolar structures			X
41823	Excision of osseous tuberosities, dentoalveolar structures			X
41825	Excision of lesion or tumor (except listed above), dentoalveolar structures; without repair			X
41826	Excision of lesion or tumor (except listed above), dentoalveolar structures; with simple repair			X
41827	Excision of lesion or tumor (except listed above), dentoalveolar structures; with complex repair		X	
41828	Excision of hyperplastic alveolar mucosa, each quadrant (specify)		X	
41830	Alveolectomy, including curettage of osteitis or sequestrectomy		X	
41850	Destruction of lesion (except excision), dentoalveolar structures		X	
41870	Periodontal mucosal grafting			X
41872	Gingivoplasty, each quadrant (specify)		X	
41874	Alveoloplasty, each quadrant (specify)			X
42000	Drainage of abscess of palate, uvula			X
42100	Biopsy of palate, uvula			X
42104	Excision, lesion of palate, uvula; without closure			X
42106	Excision, lesion of palate, uvula; with simple primary closure			X
42107	Excision, lesion of palate, uvula; with local flap closure		X	
42120	Resection of palate or extensive resection of lesion		X	
42140	Uvulectomy, excision of uvula			X
42145	Palatopharyngoplasty (eg, uvulopalatopharyngoplasty, uvulopharyngoplasty)			X
42160	Destruction of lesion, palate or uvula (thermal, cryo or chemical)		X	
42180	Repair, laceration of palate; up to 2 cm			X
42182	Repair, laceration of palate; over 2 cm or complex		X	
42200	Palatoplasty for cleft palate, soft and/or hard palate only		X	
42205	Palatoplasty for cleft palate, with closure of alveolar ridge; soft tissue only		X	
42210	Palatoplasty for cleft palate, with closure of alveolar ridge; with bone graft to alveolar ridge (includes obtaining graft)		X	
42215	Palatoplasty for cleft palate; major revision		X	
42220	Palatoplasty for cleft palate; secondary lengthening procedure		X	
42225	Palatoplasty for cleft palate; attachment pharyngeal flap		X	
42226	Lengthening of palate, and pharyngeal flap		X	
42227	Lengthening of palate, with island flap		X	
42235	Repair of anterior palate, including vomer flap		X	
42260	Repair of nasolabial fistula		X	
42280	Maxillary impression for palatal prosthesis			X
42281	Insertion of pin-retained palatal prosthesis			X
42300	Drainage of abscess; parotid, simple			X
42305	Drainage of abscess; parotid, complicated		X	
42310	Drainage of abscess; submaxillary or sublingual, intraoral		X	

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42320	Drainage of abscess; submaxillary, external		X	
42330	Sialolithotomy; submandibular (submaxillary), sublingual or parotid, uncomplicated, intraoral			X
42335	Sialolithotomy; submandibular (submaxillary), complicated, intraoral		X	
42340	Sialolithotomy; parotid, extraoral or complicated intraoral		X	
42400	Biopsy of salivary gland; needle			X
42405	Biopsy of salivary gland; incisional		X	
42408	Excision of sublingual salivary cyst (ranula)		X	
42409	Marsupialization of sublingual salivary cyst (ranula)		X	
42410	Excision of parotid tumor or parotid gland; lateral lobe, without nerve dissection		X	
42415	Excision of parotid tumor or parotid gland; lateral lobe, with dissection and preservation of facial nerve		X	
42420	Excision of parotid tumor or parotid gland; total, with dissection and preservation of facial nerve		X	
42425	Excision of parotid tumor or parotid gland; total, en bloc removal with sacrifice of facial nerve		X	
42426	Excision of parotid tumor or parotid gland; total, with unilateral radical neck dissection		X	
42440	Excision of submandibular (submaxillary) gland		X	
42450	Excision of sublingual gland		X	
42500	Plastic repair of salivary duct, sialodochoplasty; primary or simple			X
42505	Plastic repair of salivary duct, sialodochoplasty; secondary or complicated		X	
42507	Parotid duct diversion, bilateral (Wilke type procedure);		X	
42509	Parotid duct diversion, bilateral (Wilke type procedure); with excision of both submandibular glands		X	
42510	Parotid duct diversion, bilateral (Wilke type procedure); with ligation of both submandibular (Wharton's) ducts		X	
42550	Injection procedure for sialography			X
42600	Closure salivary fistula		X	
42650	Dilation salivary duct			X
42660	Dilation and catheterization of salivary duct, with or without injection			X
42665	Ligation salivary duct, intraoral		X	
42700	Incision and drainage abscess; peritonsillar			X
42720	Incision and drainage abscess; retropharyngeal or parapharyngeal, intraoral approach			X
42725	Incision and drainage abscess; retropharyngeal or parapharyngeal, external approach		X	
42800	Biopsy; oropharynx			X
42804	Biopsy; nasopharynx, visible lesion, simple			X
42806	Biopsy; nasopharynx, survey for unknown primary lesion			X
42808	Excision or destruction of lesion of pharynx, any method		X	
42809	Removal of foreign body from pharynx			X
42810	Excision branchial cleft cyst or vestige, confined to skin and subcutaneous tissues		X	
42815	Excision branchial cleft cyst, vestige, or fistula, extending beneath subcutaneous tissues and/or into pharynx		X	
42820	Tonsillectomy and adenoidectomy; younger than age 12		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
42821	Tonsillectomy and adenoidectomy; age 12 or over			X
42825	Tonsillectomy, primary or secondary; younger than age 12		X	
42826	Tonsillectomy, primary or secondary; age 12 or over			X
42830	Adenoidectomy, primary; younger than age 12		X	
42831	Adenoidectomy, primary; age 12 or over		X	
42835	Adenoidectomy, secondary; younger than age 12		X	
42836	Adenoidectomy, secondary; age 12 or over		X	
42842	Radical resection of tonsil, tonsillar pillars, and/or retromolar trigone; without closure		X	
42844	Radical resection of tonsil, tonsillar pillars, and/or retromolar trigone; closure with local flap (eg, tongue, buccal)		X	
42845	Radical resection of tonsil, tonsillar pillars, and/or retromolar trigone; closure with other flap	X		
42860	Excision of tonsil tags			X
42870	Excision or destruction lingual tonsil, any method (separate procedure)			X
42890	Limited pharyngectomy		X	
42892	Resection of lateral pharyngeal wall or pyriform sinus, direct closure by advancement of lateral and posterior pharyngeal walls		X	
42894	Resection of pharyngeal wall requiring closure with myocutaneous or fasciocutaneous flap or free muscle, skin, or fascial flap with microvascular anastomosis	X		
42900	Suture pharynx for wound or injury		X	
42950	Pharyngoplasty (plastic or reconstructive operation on pharynx)		X	
42953	Pharyngoesophageal repair	X	O	
42955	Pharyngostomy (fistulization of pharynx, external for feeding)		X	
42960	Control oropharyngeal hemorrhage, primary or secondary (eg, post-tonsillectomy); simple			X
42961	Control oropharyngeal hemorrhage, primary or secondary (eg, post-tonsillectomy); complicated, requiring hospitalization			X
42962	Control oropharyngeal hemorrhage, primary or secondary (eg, post-tonsillectomy); with secondary surgical intervention		X	
42970	Control of nasopharyngeal hemorrhage, primary or secondary (eg, postadenoidectomy); simple, with posterior nasal packs, with or without anterior packs and/or cautery			X
42971	Control of nasopharyngeal hemorrhage, primary or secondary (eg, postadenoidectomy); complicated, requiring hospitalization			X
42972	Control of nasopharyngeal hemorrhage, primary or secondary (eg, postadenoidectomy); with secondary surgical intervention			X
43020	Esophagotomy, cervical approach, with removal of foreign body	X		
43030	Cricopharyngeal myotomy	X		
43045	Esophagotomy, thoracic approach, with removal of foreign body	X	O	
43100	Excision of lesion, esophagus, with primary repair; cervical approach	X	O	
43101	Excision of lesion, esophagus, with primary repair; thoracic or abdominal approach	X	O	
43107	Total or near total esophagectomy, without thoracotomy; with pharyngogastrostomy or cervical esophagogastronomy, with or without pyloroplasty (transhiatal)	X	O	

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43108	Total or near total esophagectomy, without thoracotomy; with colon interposition or small intestine reconstruction, including intestine mobilization, preparation and anastomosis(es)	X	O	
43112	Total or near total esophagectomy, with thoracotomy; with pharyngogastrostomy or cervical esophagogastronomy, with or without pyloroplasty	X	O	
43113	Total or near total esophagectomy, with thoracotomy; with colon interposition or small intestine reconstruction, including intestine mobilization, preparation, and anastomosis(es)	X	O	
43116	Partial esophagectomy, cervical, with free intestinal graft, including microvascular anastomosis, obtaining the graft and intestinal reconstruction	X	O	
43117	Partial esophagectomy, distal two-thirds, with thoracotomy and separate abdominal incision, with or without proximal gastrectomy; with thoracic esophagogastronomy, with or without pyloroplasty (Ivor Lewis)	X	O	
43118	Partial esophagectomy, distal two-thirds, with thoracotomy and separate abdominal incision, with or without proximal gastrectomy; with colon interposition or small intestine reconstruction, including intestine mobilization, preparation, and anastomosis(es)	X	O	
43121	Partial esophagectomy, distal two-thirds, with thoracotomy only, with or without proximal gastrectomy, with thoracic esophagogastronomy, with or without pyloroplasty	X	O	
43122	Partial esophagectomy, thoracoabdominal or abdominal approach, with or without proximal gastrectomy; with esophagogastronomy, with or without pyloroplasty	X	O	
43123	Partial esophagectomy, thoracoabdominal or abdominal approach, with or without proximal gastrectomy; with colon interposition or small intestine reconstruction, including intestine mobilization, preparation, and anastomosis(es)	X	O	
43124	Total or partial esophagectomy, without reconstruction (any approach), with cervical esophagotomy	X	O	
43130	Diverticulectomy of hypopharynx or esophagus, with or without myotomy; cervical approach	X		
43135	Diverticulectomy of hypopharynx or esophagus, with or without myotomy; thoracic approach	X	O	
43180	Esophagoscopy, rigid, transoral with diverticulectomy of hypopharynx or cervical esophagus (eg, Zenker's diverticulum), with cricopharyngeal myotomy, includes use of telescope or operating microscope and repair, when performed		X	
43191	Esophagoscopy, rigid, transoral; diagnostic, including collection of specimen(s) by brushing or washing when performed (separate procedure)			X
43192	Esophagoscopy, rigid, transoral; with directed submucosal injection(s), any substance			X
43193	Esophagoscopy, rigid, transoral; with biopsy, single or multiple			X
43194	Esophagoscopy, rigid, transoral; with removal of foreign body(s)			X
43195	Esophagoscopy, rigid, transoral; with balloon dilation (less than 30 mm diameter)			X
43196	Esophagoscopy, rigid, transoral; with insertion of guide wire followed by dilation over guide wire		X	
43197	Esophagoscopy, flexible, transnasal; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
43198	Esophagoscopy, flexible, transnasal; with biopsy, single or multiple			X
43200	Esophagoscopy, flexible, transoral; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X

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43201	Esophagoscopy, flexible, transoral; with directed submucosal injection(s), any substance			X
43202	Esophagoscopy, flexible, transoral; with biopsy, single or multiple			X
43204	Esophagoscopy, flexible, transoral; with injection sclerosis of esophageal varices			X
43205	Esophagoscopy, flexible, transoral; with band ligation of esophageal varices			X
43206	Esophagoscopy, flexible, transoral; with optical endomicroscopy			X
43210	Esophagogastroduodenoscopy, flexible, transoral; with esophagogastric fundoplasty, partial or complete, includes duodenoscopy when performed		X	
43211	Esophagoscopy, flexible, transoral; with endoscopic mucosal resection		X	
43212	Esophagoscopy, flexible, transoral; with placement of endoscopic stent (includes pre- and post-dilation and guide wire passage, when performed)		X	
43213	Esophagoscopy, flexible, transoral; with dilation of esophagus, by balloon or dilator, retrograde (includes fluoroscopic guidance, when performed)			X
43214	Esophagoscopy, flexible, transoral; with dilation of esophagus with balloon (30 mm diameter or larger) (includes fluoroscopic guidance, when performed)			X
43215	Esophagoscopy, flexible, transoral; with removal of foreign body(s)			X
43216	Esophagoscopy, flexible, transoral; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps			X
43217	Esophagoscopy, flexible, transoral; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique			X
43220	Esophagoscopy, flexible, transoral; with transendoscopic balloon dilation (less than 30 mm diameter)			X
43226	Esophagoscopy, flexible, transoral; with insertion of guide wire followed by passage of dilator(s) over guide wire			X
43227	Esophagoscopy, flexible, transoral; with control of bleeding, any method			X
43229	Esophagoscopy, flexible, transoral; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre- and post-dilation and guide wire passage, when performed)			X
43231	Esophagoscopy, flexible, transoral; with endoscopic ultrasound examination			X
43232	Esophagoscopy, flexible, transoral; with transendoscopic ultrasound-guided intramural or transmural fine needle aspiration/biopsy(s)			X
43233	Esophagogastroduodenoscopy, flexible, transoral; with dilation of esophagus with balloon (30 mm diameter or larger) (includes fluoroscopic guidance, when performed)			X
43235	Esophagogastroduodenoscopy, flexible, transoral; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
43236	Esophagogastroduodenoscopy, flexible, transoral; with directed submucosal injection(s), any substance			X
43237	Esophagogastroduodenoscopy, flexible, transoral; with endoscopic ultrasound examination limited to the esophagus, stomach or duodenum, and adjacent structures			X
43238	Esophagogastroduodenoscopy, flexible, transoral; with transendoscopic ultrasound-guided intramural or transmural fine needle aspiration/biopsy(s), (includes endoscopic ultrasound examination limited to the esophagus, stomach or duodenum, and adjacent structures)			X
43239	Esophagogastroduodenoscopy, flexible, transoral; with biopsy, single or multiple			X
43240	Esophagogastroduodenoscopy, flexible, transoral; with transmural drainage of pseudocyst (includes placement of transmural drainage catheter[s]/stent[s], when performed, and endoscopic ultrasound, when performed)			X

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43241	Esophagogastroduodenoscopy, flexible, transoral; with insertion of intraluminal tube or catheter		X	
43242	Esophagogastroduodenoscopy, flexible, transoral; with transendoscopic ultrasound-guided intramural or transmural fine needle aspiration/biopsy(s) (includes endoscopic ultrasound examination of the esophagus, stomach, and either the duodenum or a surgically altered stomach where the jejunum is examined distal to the anastomosis)			X
43243	Esophagogastroduodenoscopy, flexible, transoral; with injection sclerosis of esophageal/gastric varices			X
43244	Esophagogastroduodenoscopy, flexible, transoral; with band ligation of esophageal/gastric varices			X
43245	Esophagogastroduodenoscopy, flexible, transoral; with dilation of gastric/duodenal stricture(s) (eg, balloon, bougie)			X
43246	Esophagogastroduodenoscopy, flexible, transoral; with directed placement of percutaneous gastrostomy tube		X	
43247	Esophagogastroduodenoscopy, flexible, transoral; with removal of foreign body(s)			X
43248	Esophagogastroduodenoscopy, flexible, transoral; with insertion of guide wire followed by passage of dilator(s) through esophagus over guide wire			X
43249	Esophagogastroduodenoscopy, flexible, transoral; with transendoscopic balloon dilation of esophagus (less than 30 mm diameter)			X
43250	Esophagogastroduodenoscopy, flexible, transoral; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps			X
43251	Esophagogastroduodenoscopy, flexible, transoral; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique			X
43252	Esophagogastroduodenoscopy, flexible, transoral; with optical endomicroscopy			X
43253	Esophagogastroduodenoscopy, flexible, transoral; with transendoscopic ultrasound-guided transmural injection of diagnostic or therapeutic substance(s) (eg, anesthetic, neurolytic agent) or fiducial marker(s) (includes endoscopic ultrasound examination of the esophagus, stomach, and either the duodenum or a surgically altered stomach where the jejunum is examined distal to the anastomosis)			X
43254	Esophagogastroduodenoscopy, flexible, transoral; with endoscopic mucosal resection		X	
43255	Esophagogastroduodenoscopy, flexible, transoral; with control of bleeding, any method		X	
43257	Esophagogastroduodenoscopy, flexible, transoral; with delivery of thermal energy to the muscle of lower esophageal sphincter and/or gastric cardia, for treatment of gastroesophageal reflux disease			X
43259	Esophagogastroduodenoscopy, flexible, transoral; with endoscopic ultrasound examination, including the esophagus, stomach, and either the duodenum or a surgically altered stomach where the jejunum is examined distal to the anastomosis			X
43260	Endoscopic retrograde cholangiopancreatography (ERCP); diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
43261	Endoscopic retrograde cholangiopancreatography (ERCP); with biopsy, single or multiple			X
43262	Endoscopic retrograde cholangiopancreatography (ERCP); with sphincterotomy/papillotomy		X	
43263	Endoscopic retrograde cholangiopancreatography (ERCP); with pressure measurement of sphincter of Oddi			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
43264	Endoscopic retrograde cholangiopancreatography (ERCP); with removal of calculi/debris from biliary/pancreatic duct(s)		X	
43265	Endoscopic retrograde cholangiopancreatography (ERCP); with destruction of calculi, any method (eg, mechanical, electrohydraulic, lithotripsy)			X
43266	Esophagogastroduodenoscopy, flexible, transoral; with placement of endoscopic stent (includes pre- and post-dilation and guide wire passage, when performed)		X	
43270	Esophagogastroduodenoscopy, flexible, transoral; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre- and post-dilation and guide wire passage, when performed)			X
43273	Endoscopic cannulation of papilla with direct visualization of pancreatic/common bile duct(s) (List separately in addition to code(s) for primary procedure)		X	
43274	Endoscopic retrograde cholangiopancreatography (ERCP); with placement of endoscopic stent into biliary or pancreatic duct, including pre- and post-dilation and guide wire passage, when performed, including sphincterotomy, when performed, each stent			X
43275	Endoscopic retrograde cholangiopancreatography (ERCP); with removal of foreign body(s) or stent(s) from biliary/pancreatic duct(s)		X	
43276	Endoscopic retrograde cholangiopancreatography (ERCP); with removal and exchange of stent(s), biliary or pancreatic duct, including pre- and post-dilation and guide wire passage, when performed, including sphincterotomy, when performed, each stent exchanged		X	
43277	Endoscopic retrograde cholangiopancreatography (ERCP); with trans-endoscopic balloon dilation of biliary/pancreatic duct(s) or of ampulla (sphincteroplasty), including sphincterotomy, when performed, each duct			X
43278	Endoscopic retrograde cholangiopancreatography (ERCP); with ablation of tumor(s), polyp(s), or other lesion(s), including pre- and post-dilation and guide wire passage, when performed			X
43279	Laparoscopy, surgical, esophagomyotomy (Heller type), with fundoplasty, when performed	X		
43280	Laparoscopy, surgical, esophagogastric fundoplasty (eg, Nissen, Toupet procedures)	X		
43281	Laparoscopy, surgical, repair of paraesophageal hernia, includes fundoplasty, when performed; without implantation of mesh	X		
43282	Laparoscopy, surgical, repair of paraesophageal hernia, includes fundoplasty, when performed; with implantation of mesh	X		
43283	Laparoscopy, surgical, esophageal lengthening procedure (eg, Collis gastroplasty or wedge gastroplasty) (List separately in addition to code for primary procedure)	X		
43300	Esophagoplasty (plastic repair or reconstruction), cervical approach; without repair of tracheoesophageal fistula	X		
43305	Esophagoplasty (plastic repair or reconstruction), cervical approach; with repair of tracheoesophageal fistula	X		
43310	Esophagoplasty (plastic repair or reconstruction), thoracic approach; without repair of tracheoesophageal fistula	X	O	
43312	Esophagoplasty (plastic repair or reconstruction), thoracic approach; with repair of tracheoesophageal fistula	X	O	
43313	Esophagoplasty for congenital defect (plastic repair or reconstruction), thoracic approach; without repair of congenital tracheoesophageal fistula	X		
43314	Esophagoplasty for congenital defect (plastic repair or reconstruction), thoracic approach; with repair of congenital tracheoesophageal fistula	X	O	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
43320	Esophagogastrostomy (cardioplasty), with or without vagotomy and pyloroplasty, transabdominal or transthoracic approach	X	O	
43325	Esophagogastric fundoplasty, with fundic patch (Thal-Nissen procedure)	X	O	
43327	Esophagogastric fundoplasty partial or complete; laparotomy	X	O	
43328	Esophagogastric fundoplasty partial or complete; thoracotomy	X	O	
43330	Esophagomyotomy (Heller type); abdominal approach	X	O	
43331	Esophagomyotomy (Heller type); thoracic approach	X	O	
43332	Repair, paraesophageal hiatal hernia (including fundoplication), via laparotomy, except neonatal; without implantation of mesh or other prosthesis	X	O	
43333	Repair, paraesophageal hiatal hernia (including fundoplication), via laparotomy, except neonatal; with implantation of mesh or other prosthesis	X	O	
43334	Repair, paraesophageal hiatal hernia (including fundoplication), via thoracotomy, except neonatal; without implantation of mesh or other prosthesis	X	O	
43335	Repair, paraesophageal hiatal hernia (including fundoplication), via thoracotomy, except neonatal; with implantation of mesh or other prosthesis	X	O	
43336	Repair, paraesophageal hiatal hernia, (including fundoplication), via thoracoabdominal incision, except neonatal; without implantation of mesh or other prosthesis	X	O	
43337	Repair, paraesophageal hiatal hernia, (including fundoplication), via thoracoabdominal incision, except neonatal; with implantation of mesh or other prosthesis	X	O	
43338	Esophageal lengthening procedure (eg, Collis gastroplasty or wedge gastroplasty) (List separately in addition to code for primary procedure)	X	O	
43340	Esophagojejunostomy (without total gastrectomy); abdominal approach	X,O		
43341	Esophagojejunostomy (without total gastrectomy); thoracic approach	X,O		
43351	Esophagostomy, fistulization of esophagus, external; thoracic approach	X	O	
43352	Esophagostomy, fistulization of esophagus, external; cervical approach	X	O	
43360	Gastrointestinal reconstruction for previous esophagectomy, for obstructing esophageal lesion or fistula, or for previous esophageal exclusion; with stomach, with or without pyloroplasty	X	O	
43361	Gastrointestinal reconstruction for previous esophagectomy, for obstructing esophageal lesion or fistula, or for previous esophageal exclusion; with colon interposition or small intestine reconstruction, including intestine mobilization, preparation, and anastomosis(es)	X	O	
43400	Ligation, direct, esophageal varices	X,O		
43401	Transection of esophagus with repair, for esophageal varices	X,O		
43405	Ligation or stapling at gastroesophageal junction for pre-existing esophageal perforation	X	O	
43410	Suture of esophageal wound or injury; cervical approach	X		
43415	Suture of esophageal wound or injury; transthoracic or transabdominal approach	X,O		
43420	Closure of esophagostomy or fistula; cervical approach	X		
43425	Closure of esophagostomy or fistula; transthoracic or transabdominal approach	X	O	
43450	Dilation of esophagus, by unguided sound or bougie, single or multiple passes			X
43453	Dilation of esophagus, over guide wire			X
43460	Esophagogastric tamponade, with balloon (Sengstaken type)			X
43496	Free jejunum transfer with microvascular anastomosis	X	O	
43500	Gastrotomy; with exploration or foreign body removal	X		

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43501	Gastrotomy; with suture repair of bleeding ulcer	X		
43502	Gastrotomy; with suture repair of pre-existing esophagogastric laceration (eg, Mallory-Weiss)	X		
43510	Gastrotomy; with esophageal dilation and insertion of permanent intraluminal tube (eg, Celestin or Mousseaux-Barbin)	X		
43520	Pyloromyotomy, cutting of pyloric muscle (Fredet-Ramstedt type operation)	X		
43605	Biopsy of stomach, by laparotomy	X		
43610	Excision, local; ulcer or benign tumor of stomach	X		
43611	Excision, local; malignant tumor of stomach	X		
43620	Gastrectomy, total; with esophagoenterostomy	X		
43621	Gastrectomy, total; with Roux-en-Y reconstruction	X		
43622	Gastrectomy, total; with formation of intestinal pouch, any type	X		
43631	Gastrectomy, partial, distal; with gastroduodenostomy	X		
43632	Gastrectomy, partial, distal; with gastrojejunostomy	X		
43633	Gastrectomy, partial, distal; with Roux-en-Y reconstruction	X		
43634	Gastrectomy, partial, distal; with formation of intestinal pouch	X		
43635	Vagotomy when performed with partial distal gastrectomy (List separately in addition to code[s] for primary procedure)	X		
43640	Vagotomy including pyloroplasty, with or without gastrostomy; truncal or selective	X		
43641	Vagotomy including pyloroplasty, with or without gastrostomy; parietal cell (highly selective)	X		
43644	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	X		
43645	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	X		
43647	Laparoscopy, surgical; implantation or replacement of gastric neurostimulator electrodes, antrum	X		
43648	Laparoscopy, surgical; revision or removal of gastric neurostimulator electrodes, antrum	X		
43651	Laparoscopy, surgical; transection of vagus nerves, truncal	X		
43652	Laparoscopy, surgical; transection of vagus nerves, selective or highly selective	X		
43653	Laparoscopy, surgical; gastrostomy, without construction of gastric tube (eg, Stamm procedure) (separate procedure)	X		
43752	Naso- or oro-gastric tube placement, requiring physician's skill and fluoroscopic guidance (includes fluoroscopy, image documentation and report)			X
43753	Gastric intubation and aspiration(s) therapeutic, necessitating physician's skill (eg, for gastrointestinal hemorrhage), including lavage if performed			X
43754	Gastric intubation and aspiration, diagnostic; single specimen (eg, acid analysis)			X
43755	Gastric intubation and aspiration, diagnostic; collection of multiple fractional specimens with gastric stimulation, single or double lumen tube (gastric secretory study) (eg, histamine, insulin, pentagastrin, calcium, secretin), includes drug administration			X
43756	Duodenal intubation and aspiration, diagnostic, includes image guidance; single specimen (eg, bile study for crystals or afferent loop culture)			X

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43757	Duodenal intubation and aspiration, diagnostic, includes image guidance; collection of multiple fractional specimens with pancreatic or gallbladder stimulation, single or double lumen tube, includes drug administration			X
43760	Change of gastrostomy tube, percutaneous, without imaging or endoscopic guidance			X
43761	Repositioning of a naso- or oro-gastric feeding tube, through the duodenum for enteric nutrition			X
43770	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components)	X		
43771	Laparoscopy, surgical, gastric restrictive procedure; revision of adjustable gastric restrictive device component only	X		
43772	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device component only	X		
43773	Laparoscopy, surgical, gastric restrictive procedure; removal and replacement of adjustable gastric restrictive device component only	X		
43774	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device and subcutaneous port components	X		
43775	Laparoscopy, surgical, gastric restrictive procedure; longitudinal gastrectomy (ie, sleeve gastrectomy)	X		
43800	Pyloroplasty	X		
43810	Gastroduodenostomy	X		
43820	Gastrojejunostomy; without vagotomy	X		
43825	Gastrojejunostomy; with vagotomy, any type	X		
43830	Gastrostomy, open; without construction of gastric tube (eg, Stamm procedure) (separate procedure)	X		
43831	Gastrostomy, open; neonatal, for feeding	X		
43832	Gastrostomy, open; with construction of gastric tube (eg, Janeway procedure)	X		
43840	Gastrorrhaphy, suture of perforated duodenal or gastric ulcer, wound, or injury	X		
43842	Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastroplasty	X	O	
43843	Gastric restrictive procedure, without gastric bypass, for morbid obesity; other than vertical-banded gastroplasty	X	O	
43845	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	X		
43846	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	X		
43847	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	X		
43848	Revision, open, of gastric restrictive procedure for morbid obesity, other than adjustable gastric restrictive device (separate procedure)	X		
43850	Revision of gastroduodenal anastomosis (gastroduodenostomy) with reconstruction; without vagotomy	X		
43855	Revision of gastroduodenal anastomosis (gastroduodenostomy) with reconstruction; with vagotomy	X		
43860	Revision of gastrojejunal anastomosis (gastrojejunostomy) with reconstruction, with or without partial gastrectomy or intestine resection; without vagotomy	X		

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43865	Revision of gastrojejunal anastomosis (gastrojejunostomy) with reconstruction, with or without partial gastrectomy or intestine resection; with vagotomy	X		
43870	Closure of gastrostomy, surgical	X		
43880	Closure of gastrocolic fistula	X		
43881	Implantation or replacement of gastric neurostimulator electrodes, antrum, open	X		
43882	Revision or removal of gastric neurostimulator electrodes, antrum, open	X		
43886	Gastric restrictive procedure, open; revision of subcutaneous port component only		X	
43887	Gastric restrictive procedure, open; removal of subcutaneous port component only		X	
43888	Gastric restrictive procedure, open; removal and replacement of subcutaneous port component only		X	
44005	Enterolysis (freeing of intestinal adhesion) (separate procedure)	X		
44010	Duodenotomy, for exploration, biopsy(s), or foreign body removal	X		
44015	Tube or needle catheter jejunostomy for enteral alimentation, intraoperative, any method (List separately in addition to primary procedure)	X		
44020	Enterotomy, small intestine, other than duodenum; for exploration, biopsy(s), or foreign body removal	X		
44021	Enterotomy, small intestine, other than duodenum; for decompression (eg, Baker tube)	X		
44025	Colotomy, for exploration, biopsy(s), or foreign body removal	X		
44050	Reduction of volvulus, intussusception, internal hernia, by laparotomy	X		
44055	Correction of malrotation by lysis of duodenal bands and/or reduction of midgut volvulus (eg, Ladd procedure)	X		
44100	Biopsy of intestine by capsule, tube, peroral (1 or more specimens)			X
44110	Excision of 1 or more lesions of small or large intestine not requiring anastomosis, exteriorization, or fistulization; single enterotomy	X		
44111	Excision of 1 or more lesions of small or large intestine not requiring anastomosis, exteriorization, or fistulization; multiple enterotomies	X		
44120	Enterectomy, resection of small intestine; single resection and anastomosis	X		
44121	Enterectomy, resection of small intestine; each additional resection and anastomosis (List separately in addition to code for primary procedure)	X		
44125	Enterectomy, resection of small intestine; with enterostomy	X		
44126	Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; without tapering	X		
44127	Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; with tapering	X		
44128	Enterectomy, resection of small intestine for congenital atresia, single resection and anastomosis of proximal segment of intestine; each additional resection and anastomosis (List separately in addition to code for primary procedure)	X		
44130	Enteroenterostomy, anastomosis of intestine, with or without cutaneous enterostomy (separate procedure)	X		
44132	Donor enterectomy (including cold preservation), open; from cadaver donor	X		
44133	Donor enterectomy (including cold preservation), open; partial, from living donor	X		
44135	Intestinal allotransplantation; from cadaver donor	X		
44136	Intestinal allotransplantation; from living donor	X		
44137	Removal of transplanted intestinal allograft, complete	X		

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44139	Mobilization (take-down) of splenic flexure performed in conjunction with partial colectomy (List separately in addition to primary procedure)	X		
44140	Colectomy, partial; with anastomosis	X		
44141	Colectomy, partial; with skin level cecostomy or colostomy	X		
44143	Colectomy, partial; with end colostomy and closure of distal segment (Hartmann type procedure)	X		
44144	Colectomy, partial; with resection, with colostomy or ileostomy and creation of mucofistula	X		
44145	Colectomy, partial; with coloproctostomy (low pelvic anastomosis)	X		
44146	Colectomy, partial; with coloproctostomy (low pelvic anastomosis), with colostomy	X		
44147	Colectomy, partial; abdominal and transanal approach	X	O	
44150	Colectomy, total, abdominal, without proctectomy; with ileostomy or ileoproctostomy	X		
44151	Colectomy, total, abdominal, without proctectomy; with continent ileostomy	X		
44155	Colectomy, total, abdominal, with proctectomy; with ileostomy	X	O	
44156	Colectomy, total, abdominal, with proctectomy; with continent ileostomy	X	O	
44157	Colectomy, total, abdominal, with proctectomy; with ileoanal anastomosis, includes loop ileostomy, and rectal mucosectomy, when performed	X	O	
44158	Colectomy, total, abdominal, with proctectomy; with ileoanal anastomosis, creation of ileal reservoir (S or J), includes loop ileostomy, and rectal mucosectomy, when performed	X	O	
44160	Colectomy, partial, with removal of terminal ileum with ileocolostomy	X		
44180	Laparoscopy, surgical, enterolysis (freeing of intestinal adhesion) (separate procedure)	X		
44186	Laparoscopy, surgical; jejunostomy (eg, for decompression or feeding)	X		
44187	Laparoscopy, surgical; ileostomy or jejunostomy, non-tube	X		
44188	Laparoscopy, surgical, colostomy or skin level cecostomy	X		
44202	Laparoscopy, surgical; enterectomy, resection of small intestine, single resection and anastomosis	X		
44203	Laparoscopy, surgical; each additional small intestine resection and anastomosis (List separately in addition to code for primary procedure)	X		
44204	Laparoscopy, surgical; colectomy, partial, with anastomosis	X		
44205	Laparoscopy, surgical; colectomy, partial, with removal of terminal ileum with ileocolostomy	X		
44206	Laparoscopy, surgical; colectomy, partial, with end colostomy and closure of distal segment (Hartmann type procedure)	X		
44207	Laparoscopy, surgical; colectomy, partial, with anastomosis, with coloproctostomy (low pelvic anastomosis)	X	O	
44208	Laparoscopy, surgical; colectomy, partial, with anastomosis, with coloproctostomy (low pelvic anastomosis) with colostomy	X	O	
44210	Laparoscopy, surgical; colectomy, total, abdominal, without proctectomy, with ileostomy or ileoproctostomy	X	O	
44211	Laparoscopy, surgical; colectomy, total, abdominal, with proctectomy, with ileoanal anastomosis, creation of ileal reservoir (S or J), with loop ileostomy, includes rectal mucosectomy, when performed	X	O	
44212	Laparoscopy, surgical; colectomy, total, abdominal, with proctectomy, with ileostomy	X	O	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
44213	Laparoscopy, surgical, mobilization (take-down) of splenic flexure performed in conjunction with partial colectomy (List separately in addition to primary procedure)	X		
44227	Laparoscopy, surgical, closure of enterostomy, large or small intestine, with resection and anastomosis	X	O	
44300	Placement, enterostomy or cecostomy, tube open (eg, for feeding or decompression) (separate procedure)	X		
44310	Ileostomy or jejunostomy, non-tube	X		
44312	Revision of ileostomy; simple (release of superficial scar) (separate procedure)			X
44314	Revision of ileostomy; complicated (reconstruction in-depth) (separate procedure)	X		
44316	Continent ileostomy (Kock procedure) (separate procedure)	X		
44320	Colostomy or skin level cecostomy;	X		
44322	Colostomy or skin level cecostomy; with multiple biopsies (eg, for congenital megacolon) (separate procedure)	X		
44340	Revision of colostomy; simple (release of superficial scar) (separate procedure)			X
44345	Revision of colostomy; complicated (reconstruction in-depth) (separate procedure)	X		
44346	Revision of colostomy; with repair of paracolostomy hernia (separate procedure)	X		
44360	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
44361	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with biopsy, single or multiple			X
44363	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of foreign body(s)			X
44364	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique			X
44365	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery			X
44366	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)			X
44369	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique			X
44370	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with transendoscopic stent placement (includes predilation)			X
44372	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with placement of percutaneous jejunostomy tube		X	
44373	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; with conversion of percutaneous gastrostomy tube to percutaneous jejunostomy tube		X	
44376	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; diagnostic, with or without collection of specimen(s) by brushing or washing (separate procedure)			X
44377	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with biopsy, single or multiple			X

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44378	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)			X
44379	Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, including ileum; with transendoscopic stent placement (includes predilation)			X
44380	Ileoscopy, through stoma; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
44381	Ileoscopy, through stoma; with transendoscopic balloon dilation			X
44382	Ileoscopy, through stoma; with biopsy, single or multiple			X
44384	Ileoscopy, through stoma; with placement of endoscopic stent (includes pre- and post-dilation and guide wire passage, when performed)			X
44385	Endoscopic evaluation of small intestinal pouch (eg, Kock pouch, ileal reservoir [S or J]); diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
44386	Endoscopic evaluation of small intestinal pouch (eg, Kock pouch, ileal reservoir [S or J]); with biopsy, single or multiple			X
44388	Colonoscopy through stoma; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
44389	Colonoscopy through stoma; with biopsy, single or multiple			X
44390	Colonoscopy through stoma; with removal of foreign body(s)			X
44391	Colonoscopy through stoma; with control of bleeding, any method			X
44392	Colonoscopy through stoma; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps			X
44394	Colonoscopy through stoma; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique			X
44401	Colonoscopy through stoma; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre-and post-dilation and guide wire passage, when performed)			X
44402	Colonoscopy through stoma; with endoscopic stent placement (including pre- and post-dilation and guide wire passage, when performed)		X	
44403	Colonoscopy through stoma; with endoscopic mucosal resection		X	
44404	Colonoscopy through stoma; with directed submucosal injection(s), any substance			X
44405	Colonoscopy through stoma; with transendoscopic balloon dilation			X
44406	Colonoscopy through stoma; with endoscopic ultrasound examination, limited to the sigmoid, descending, transverse, or ascending colon and cecum and adjacent structures		X	
44407	Colonoscopy through stoma; with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s), includes endoscopic ultrasound examination limited to the sigmoid, descending, transverse, or ascending colon and cecum and adjacent structures			X
44408	Colonoscopy through stoma; with decompression (for pathologic distention) (eg, volvulus, megacolon), including placement of decompression tube, when performed			X
44500	Introduction of long gastrointestinal tube (eg, Miller-Abbott) (separate procedure)		X	
44602	Suture of small intestine (enterorrhaphy) for perforated ulcer, diverticulum, wound, injury or rupture; single perforation	X		
44603	Suture of small intestine (enterorrhaphy) for perforated ulcer, diverticulum, wound, injury or rupture; multiple perforations	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
44604	Suture of large intestine (colorrhaphy) for perforated ulcer, diverticulum, wound, injury or rupture (single or multiple perforations); without colostomy	X		
44605	Suture of large intestine (colorrhaphy) for perforated ulcer, diverticulum, wound, injury or rupture (single or multiple perforations); with colostomy	X		
44615	Intestinal stricturoplasty (enterotomy and enterorrhaphy) with or without dilation, for intestinal obstruction	X		
44620	Closure of enterostomy, large or small intestine;	X		
44625	Closure of enterostomy, large or small intestine; with resection and anastomosis other than colorectal	X		
44626	Closure of enterostomy, large or small intestine; with resection and colorectal anastomosis (eg, closure of Hartmann type procedure)	X		
44640	Closure of intestinal cutaneous fistula	X		
44650	Closure of enteroenteric or enterocolic fistula	X		
44660	Closure of enterovesical fistula; without intestinal or bladder resection	X		
44661	Closure of enterovesical fistula; with intestine and/or bladder resection	X		
44680	Intestinal plication (separate procedure)	X		
44700	Exclusion of small intestine from pelvis by mesh or other prosthesis, or native tissue (eg, bladder or omentum)	X		
44701	Intraoperative colonic lavage (List separately in addition to code for primary procedure)		X	
44705	Preparation of fecal microbiota for instillation, including assessment of donor specimen			X
44715	Backbench standard preparation of cadaver or living donor intestine allograft prior to transplantation, including mobilization and fashioning of the superior mesenteric artery and vein	X		
44720	Backbench reconstruction of cadaver or living donor intestine allograft prior to transplantation; venous anastomosis, each	X		
44721	Backbench reconstruction of cadaver or living donor intestine allograft prior to transplantation; arterial anastomosis, each	X		
44800	Excision of Meckel's diverticulum (diverticulectomy) or omphalomesenteric duct	X		
44820	Excision of lesion of mesentery (separate procedure)	X		
44850	Suture of mesentery (separate procedure)	X		
44900	Incision and drainage of appendiceal abscess, open	X		
44950	Appendectomy;		X	
44955	Appendectomy; when done for indicated purpose at time of other major procedure (not as separate procedure) (List separately in addition to code for primary procedure)		X	
44960	Appendectomy; for ruptured appendix with abscess or generalized peritonitis	X		
44970	Laparoscopy, surgical, appendectomy		X	
45000	Transrectal drainage of pelvic abscess		X	
45005	Incision and drainage of submucosal abscess, rectum			X
45020	Incision and drainage of deep supralelevator, pelvirectal, or retrorectal abscess		X	
45100	Biopsy of anorectal wall, anal approach (eg, congenital megacolon)		X	
45108	Anorectal myomectomy		X	
45110	Proctectomy; complete, combined abdominoperineal, with colostomy	X	O	
45111	Proctectomy; partial resection of rectum, transabdominal approach	X		
45112	Proctectomy, combined abdominoperineal, pull-through procedure (eg, colo-anal anastomosis)	X	O	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
45113	Proctectomy, partial, with rectal mucosectomy, ileoanal anastomosis, creation of ileal reservoir (S or J), with or without loop ileostomy	X	O	
45114	Proctectomy, partial, with anastomosis; abdominal and transsacral approach	X	O	
45116	Proctectomy, partial, with anastomosis; transsacral approach only (Kraske type)	X	O	
45119	Proctectomy, combined abdominoperineal pull-through procedure (eg, colo-anal anastomosis), with creation of colonic reservoir (eg, J-pouch), with diverting enterostomy when performed	X	O	
45120	Proctectomy, complete (for congenital megacolon), abdominal and perineal approach; with pull-through procedure and anastomosis (eg, Swenson, Duhamel, or Soave type operation)	X	O	
45121	Proctectomy, complete (for congenital megacolon), abdominal and perineal approach; with subtotal or total colectomy, with multiple biopsies	X	O	
45123	Proctectomy, partial, without anastomosis, perineal approach	X	O	
45126	Pelvic exenteration for colorectal malignancy, with proctectomy (with or without colostomy), with removal of bladder and ureteral transplantations, and/or hysterectomy, or cervicectomy, with or without removal of tube(s), with or without removal of ovary(s), or any combination thereof	X	O	
45130	Excision of rectal procidentia, with anastomosis; perineal approach	X		
45135	Excision of rectal procidentia, with anastomosis; abdominal and perineal approach	X		
45136	Excision of ileoanal reservoir with ileostomy	X		
45150	Division of stricture of rectum		X	
45160	Excision of rectal tumor by proctotomy, transsacral or transcoccygeal approach	X		
45171	Excision of rectal tumor, transanal approach; not including muscularis propria (ie, partial thickness)		X	
45172	Excision of rectal tumor, transanal approach; including muscularis propria (ie, full thickness)		X	
45190	Destruction of rectal tumor (eg, electrodesiccation, electrosurgery, laser ablation, laser resection, cryosurgery) transanal approach		X	
45300	Proctosigmoidoscopy, rigid; diagnostic, with or without collection of specimen(s) by brushing or washing (separate procedure)			X
45303	Proctosigmoidoscopy, rigid; with dilation (eg, balloon, guide wire, bougie)			X
45305	Proctosigmoidoscopy, rigid; with biopsy, single or multiple			X
45307	Proctosigmoidoscopy, rigid; with removal of foreign body			X
45308	Proctosigmoidoscopy, rigid; with removal of single tumor, polyp, or other lesion by hot biopsy forceps or bipolar cautery			X
45309	Proctosigmoidoscopy, rigid; with removal of single tumor, polyp, or other lesion by snare technique			X
45315	Proctosigmoidoscopy, rigid; with removal of multiple tumors, polyps, or other lesions by hot biopsy forceps, bipolar cautery or snare technique			X
45317	Proctosigmoidoscopy, rigid; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)			X
45320	Proctosigmoidoscopy, rigid; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique (eg, laser)			X
45321	Proctosigmoidoscopy, rigid; with decompression of volvulus			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
45327	Proctosigmoidoscopy, rigid; with transendoscopic stent placement (includes predilation)			X
45330	Sigmoidoscopy, flexible; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
45331	Sigmoidoscopy, flexible; with biopsy, single or multiple			X
45332	Sigmoidoscopy, flexible; with removal of foreign body(s)			X
45333	Sigmoidoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps			X
45334	Sigmoidoscopy, flexible; with control of bleeding, any method			X
45335	Sigmoidoscopy, flexible; with directed submucosal injection(s), any substance			X
45337	Sigmoidoscopy, flexible; with decompression (for pathologic distention) (eg, volvulus, megacolon), including placement of decompression tube, when performed			X
45338	Sigmoidoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique			X
45340	Sigmoidoscopy, flexible; with transendoscopic balloon dilation			X
45341	Sigmoidoscopy, flexible; with endoscopic ultrasound examination			X
45342	Sigmoidoscopy, flexible; with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s)			X
45346	Sigmoidoscopy, flexible; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre- and post-dilation and guide wire passage, when performed)			X
45347	Sigmoidoscopy, flexible; with placement of endoscopic stent (includes pre- and post-dilation and guide wire passage, when performed)		X	
45349	Sigmoidoscopy, flexible; with endoscopic mucosal resection		X	
45350	Sigmoidoscopy, flexible; with band ligation(s) (eg, hemorrhoids)			X
45378	Colonoscopy, flexible; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
45379	Colonoscopy, flexible; with removal of foreign body(s)			X
45380	Colonoscopy, flexible; with biopsy, single or multiple			X
45381	Colonoscopy, flexible; with directed submucosal injection(s), any substance			X
45382	Colonoscopy, flexible; with control of bleeding, any method			X
45384	Colonoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps			X
45385	Colonoscopy, flexible; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique			X
45386	Colonoscopy, flexible; with transendoscopic balloon dilation			X
45388	Colonoscopy, flexible; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre- and post-dilation and guide wire passage, when performed)			X
45389	Colonoscopy, flexible; with endoscopic stent placement (includes pre- and post-dilation and guide wire passage, when performed)		X	
45390	Colonoscopy, flexible; with endoscopic mucosal resection		X	
45391	Colonoscopy, flexible; with endoscopic ultrasound examination limited to the rectum, sigmoid, descending, transverse, or ascending colon and cecum, and adjacent structures			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
45392	Colonoscopy, flexible; with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s), includes endoscopic ultrasound examination limited to the rectum, sigmoid, descending, transverse, or ascending colon and cecum, and adjacent structures			X
45393	Colonoscopy, flexible; with decompression (for pathologic distention) (eg, volvulus, megacolon), including placement of decompression tube, when performed			X
45395	Laparoscopy, surgical; proctectomy, complete, combined abdominoperineal, with colostomy	X	O	
45397	Laparoscopy, surgical; proctectomy, combined abdominoperineal pull-through procedure (eg, colo-anal anastomosis), with creation of colonic reservoir (eg, J-pouch), with diverting enterostomy, when performed	X	O	
45398	Colonoscopy, flexible; with band ligation(s) (eg, hemorrhoids)			X
45400	Laparoscopy, surgical; proctopexy (for prolapse)	X		
45402	Laparoscopy, surgical; proctopexy (for prolapse), with sigmoid resection	X		
45500	Proctoplasty; for stenosis		X	
45505	Proctoplasty; for prolapse of mucous membrane		X	
45520	Perirectal injection of sclerosing solution for prolapse			X
45540	Proctopexy (eg, for prolapse); abdominal approach	X		
45541	Proctopexy (eg, for prolapse); perineal approach	X		
45550	Proctopexy (eg, for prolapse); with sigmoid resection, abdominal approach	X		
45560	Repair of rectocele (separate procedure)	X		
45562	Exploration, repair, and presacral drainage for rectal injury;		X	
45563	Exploration, repair, and presacral drainage for rectal injury; with colostomy	X		
45800	Closure of rectovesical fistula;	X	O	
45805	Closure of rectovesical fistula; with colostomy	X	O	
45820	Closure of rectourethral fistula;	X	O	
45825	Closure of rectourethral fistula; with colostomy	X	O	
45900	Reduction of procidentia (separate procedure) under anesthesia			X
45905	Dilation of anal sphincter (separate procedure) under anesthesia other than local			X
45910	Dilation of rectal stricture (separate procedure) under anesthesia other than local			X
45915	Removal of fecal impaction or foreign body (separate procedure) under anesthesia		X	
45990	Anorectal exam, surgical, requiring anesthesia (general, spinal, or epidural), diagnostic			X
46020	Placement of seton		X	
46030	Removal of anal seton, other marker			X
46040	Incision and drainage of ischiorectal and/or perirectal abscess (separate procedure)			X
46045	Incision and drainage of intramural, intramuscular, or submucosal abscess, transanal, under anesthesia		X	
46050	Incision and drainage, perianal abscess, superficial			X
46060	Incision and drainage of ischiorectal or intramural abscess, with fistulectomy or fistulotomy, submuscular, with or without placement of seton		X	
46070	Incision, anal septum (infant)		X	
46080	Sphincterotomy, anal, division of sphincter (separate procedure)			X
46083	Incision of thrombosed hemorrhoid, external			X
46200	Fissurectomy, including sphincterotomy, when performed			X

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46220	Excision of single external papilla or tag, anus			X
46221	Hemorrhoidectomy, internal, by rubber band ligation(s)		X	
46230	Excision of multiple external papillae or tags, anus			X
46250	Hemorrhoidectomy, external, 2 or more columns/groups		X	
46255	Hemorrhoidectomy, internal and external, single column/group;		X	
46257	Hemorrhoidectomy, internal and external, single column/group; with fissurectomy		X	
46258	Hemorrhoidectomy, internal and external, single column/group; with fistulectomy, including fissurectomy, when performed		X	
46260	Hemorrhoidectomy, internal and external, 2 or more columns/groups;		X	
46261	Hemorrhoidectomy, internal and external, 2 or more columns/groups; with fissurectomy		X	
46262	Hemorrhoidectomy, internal and external, 2 or more columns/groups; with fistulectomy, including fissurectomy, when performed		X	
46270	Surgical treatment of anal fistula (fistulectomy/fistulotomy); subcutaneous			X
46275	Surgical treatment of anal fistula (fistulectomy/fistulotomy); intersphincteric		X	
46280	Surgical treatment of anal fistula (fistulectomy/fistulotomy); transsphincteric, suprasphincteric, extrasphincteric or multiple, including placement of seton, when performed		X	
46285	Surgical treatment of anal fistula (fistulectomy/fistulotomy); second stage		X	
46288	Closure of anal fistula with rectal advancement flap		X	
46320	Excision of thrombosed hemorrhoid, external			X
46500	Injection of sclerosing solution, hemorrhoids			X
46505	Chemodenervation of internal anal sphincter			X
46600	Anoscopy; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)			X
46601	Anoscopy; diagnostic, with high-resolution magnification (HRA) (eg, colposcope, operating microscope) and chemical agent enhancement, including collection of specimen(s) by brushing or washing, when performed			X
46604	Anoscopy; with dilation (eg, balloon, guide wire, bougie)			X
46606	Anoscopy; with biopsy, single or multiple			X
46607	Anoscopy; with high-resolution magnification (HRA) (eg, colposcope, operating microscope) and chemical agent enhancement, with biopsy, single or multiple			X
46608	Anoscopy; with removal of foreign body			X
46610	Anoscopy; with removal of single tumor, polyp, or other lesion by hot biopsy forceps or bipolar cautery			X
46611	Anoscopy; with removal of single tumor, polyp, or other lesion by snare technique			X
46612	Anoscopy; with removal of multiple tumors, polyps, or other lesions by hot biopsy forceps, bipolar cautery or snare technique			X
46614	Anoscopy; with control of bleeding (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator)			X
46615	Anoscopy; with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique		X	
46700	Anoplasty, plastic operation for stricture; adult		X	
46705	Anoplasty, plastic operation for stricture; infant		X	
46706	Repair of anal fistula with fibrin glue			X

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46707	Repair of anorectal fistula with plug (eg, porcine small intestine submucosa [SIS])			X
46710	Repair of ileoanal pouch fistula/sinus (eg, perineal or vaginal), pouch advancement; transperineal approach	X		
46712	Repair of ileoanal pouch fistula/sinus (eg, perineal or vaginal), pouch advancement; combined transperineal and transabdominal approach	X		
46715	Repair of low imperforate anus; with anoperineal fistula (cut-back procedure)		X	
46716	Repair of low imperforate anus; with transposition of anoperineal or anovestibular fistula	X		
46730	Repair of high imperforate anus without fistula; perineal or sacroperineal approach	X		
46735	Repair of high imperforate anus without fistula; combined transabdominal and sacroperineal approaches	X		
46740	Repair of high imperforate anus with rectourethral or rectovaginal fistula; perineal or sacroperineal approach	X		
46742	Repair of high imperforate anus with rectourethral or rectovaginal fistula; combined transabdominal and sacroperineal approaches	X		
46744	Repair of cloacal anomaly by anorectovaginoplasty and urethroplasty, sacroperineal approach	X		
46746	Repair of cloacal anomaly by anorectovaginoplasty and urethroplasty, combined abdominal and sacroperineal approach;	X		
46748	Repair of cloacal anomaly by anorectovaginoplasty and urethroplasty, combined abdominal and sacroperineal approach; with vaginal lengthening by intestinal graft or pedicle flaps	X		
46750	Sphincteroplasty, anal, for incontinence or prolapse; adult		X	
46751	Sphincteroplasty, anal, for incontinence or prolapse; child		X	
46753	Graft (Thiersch operation) for rectal incontinence and/or prolapse		X	
46754	Removal of Thiersch wire or suture, anal canal			X
46760	Sphincteroplasty, anal, for incontinence, adult; muscle transplant		X	
46761	Sphincteroplasty, anal, for incontinence, adult; levator muscle imbrication (Park posterior anal repair)		X	
46762	Sphincteroplasty, anal, for incontinence, adult; implantation artificial sphincter	X		
46900	Destruction of lesion(s), anus (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; chemical			X
46910	Destruction of lesion(s), anus (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; electrodesiccation			X
46916	Destruction of lesion(s), anus (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; cryosurgery			X
46917	Destruction of lesion(s), anus (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; laser surgery			X
46922	Destruction of lesion(s), anus (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; surgical excision			X
46924	Destruction of lesion(s), anus (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), extensive (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery)		X	
46930	Destruction of internal hemorrhoid(s) by thermal energy (eg, infrared coagulation, cautery, radiofrequency)			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
46940	Curettage or cautery of anal fissure, including dilation of anal sphincter (separate procedure); initial			X
46942	Curettage or cautery of anal fissure, including dilation of anal sphincter (separate procedure); subsequent			X
46945	Hemorrhoidectomy, internal, by ligation other than rubber band; single hemorrhoid column/group			X
46946	Hemorrhoidectomy, internal, by ligation other than rubber band; 2 or more hemorrhoid columns/groups			X
46947	Hemorrhoidopexy (eg, for prolapsing internal hemorrhoids) by stapling			X
47000	Biopsy of liver, needle; percutaneous			X
47001	Biopsy of liver, needle; when done for indicated purpose at time of other major procedure (List separately in addition to code for primary procedure)			X
47010	Hepatotomy, for open drainage of abscess or cyst, 1 or 2 stages	X		
47015	Laparotomy, with aspiration and/or injection of hepatic parasitic (eg, amoebic or echinococcal) cyst(s) or abscess(es)	X		
47100	Biopsy of liver, wedge	X		
47120	Hepatectomy, resection of liver; partial lobectomy	X		
47122	Hepatectomy, resection of liver; trisegmentectomy	X		
47125	Hepatectomy, resection of liver; total left lobectomy	X		
47130	Hepatectomy, resection of liver; total right lobectomy	X		
47133	Donor hepatectomy (including cold preservation), from cadaver donor	X		
47135	Liver allotransplantation, orthotopic, partial or whole, from cadaver or living donor, any age	X	O	
47140	Donor hepatectomy (including cold preservation), from living donor; left lateral segment only (segments II and III)	X	O	
47141	Donor hepatectomy (including cold preservation), from living donor; total left lobectomy (segments II, III and IV)	X	O	
47142	Donor hepatectomy (including cold preservation), from living donor; total right lobectomy (segments V, VI, VII and VIII)	X	O	
47143	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; without trisegment or lobe split	X		
47144	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with trisegment split of whole liver graft into 2 partial liver grafts (ie, left lateral segment [segments II and III] and right trisegment [segments I and IV through VIII])	X		
47145	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with lobe split of whole liver graft into 2 partial liver grafts (ie, left lobe [segments II, III, and IV] and right lobe [segments I and V through VIII])	X		
47146	Backbench reconstruction of cadaver or living donor liver graft prior to allotransplantation; venous anastomosis, each	X		

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47147	Backbench reconstruction of cadaver or living donor liver graft prior to allotransplantation; arterial anastomosis, each	X		
47300	Marsupialization of cyst or abscess of liver	X		
47350	Management of liver hemorrhage; simple suture of liver wound or injury	X		
47360	Management of liver hemorrhage; complex suture of liver wound or injury, with or without hepatic artery ligation	X		
47361	Management of liver hemorrhage; exploration of hepatic wound, extensive debridement, coagulation and/or suture, with or without packing of liver	X	O	
47362	Management of liver hemorrhage; re-exploration of hepatic wound for removal of packing	X	O	
47370	Laparoscopy, surgical, ablation of 1 or more liver tumor(s); radiofrequency	X		
47371	Laparoscopy, surgical, ablation of 1 or more liver tumor(s); cryosurgical	X		
47380	Ablation, open, of 1 or more liver tumor(s); radiofrequency	X		
47381	Ablation, open, of 1 or more liver tumor(s); cryosurgical	X		
47382	Ablation, 1 or more liver tumor(s), percutaneous, radiofrequency	X		
47383	Ablation, 1 or more liver tumor(s), percutaneous, cryoablation		X	
47400	Hepaticotomy or hepaticostomy with exploration, drainage, or removal of calculus	X		
47420	Choledochotomy or choledochostomy with exploration, drainage, or removal of calculus, with or without cholecystotomy; without transduodenal sphincterotomy or sphincteroplasty	X		
47425	Choledochotomy or choledochostomy with exploration, drainage, or removal of calculus, with or without cholecystotomy; with transduodenal sphincterotomy or sphincteroplasty	X		
47460	Transduodenal sphincterotomy or sphincteroplasty, with or without transduodenal extraction of calculus (separate procedure)	X		
47480	Cholecystotomy or cholecystostomy, open, with exploration, drainage, or removal of calculus (separate procedure)		X	
47490	Cholecystostomy, percutaneous, complete procedure, including imaging guidance, catheter placement, cholecystogram when performed, and radiological supervision and interpretation		X	
47531	Injection procedure for cholangiography, percutaneous, complete diagnostic procedure including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation; existing access			X
47532	Injection procedure for cholangiography, percutaneous, complete diagnostic procedure including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation; new access (eg, percutaneous transhepatic cholangiogram)			X
47533	Placement of biliary drainage catheter, percutaneous, including diagnostic cholangiography when performed, imaging guidance (eg, ultrasound and/or fluoroscopy), and all associated radiological supervision and interpretation; external			X
47534	Placement of biliary drainage catheter, percutaneous, including diagnostic cholangiography when performed, imaging guidance (eg, ultrasound and/or fluoroscopy), and all associated radiological supervision and interpretation; internal-external			X

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47535	Conversion of external biliary drainage catheter to internal-external biliary drainage catheter, percutaneous, including diagnostic cholangiography when performed, imaging guidance (eg, fluoroscopy), and all associated radiological supervision and interpretation			X
47536	Exchange of biliary drainage catheter (eg, external, internal-external, or conversion of internal-external to external only), percutaneous, including diagnostic cholangiography when performed, imaging guidance (eg, fluoroscopy), and all associated radiological supervision and interpretation			X
47537	Removal of biliary drainage catheter, percutaneous, requiring fluoroscopic guidance (eg, with concurrent indwelling biliary stents), including diagnostic cholangiography when performed, imaging guidance (eg, fluoroscopy), and all associated radiological supervision and interpretation			X
47538	Placement of stent(s) into a bile duct, percutaneous, including diagnostic cholangiography, imaging guidance (eg, fluoroscopy and/or ultrasound), balloon dilation, catheter exchange(s) and catheter removal(s) when performed, and all associated radiological supervision and interpretation, each stent; existing access			X
47539	Placement of stent(s) into a bile duct, percutaneous, including diagnostic cholangiography, imaging guidance (eg, fluoroscopy and/or ultrasound), balloon dilation, catheter exchange(s) and catheter removal(s) when performed, and all associated radiological supervision and interpretation, each stent; new access, without placement of separate biliary drainage catheter			X
47540	Placement of stent(s) into a bile duct, percutaneous, including diagnostic cholangiography, imaging guidance (eg, fluoroscopy and/or ultrasound), balloon dilation, catheter exchange(s) and catheter removal(s) when performed, and all associated radiological supervision and interpretation, each stent; new access, with placement of separate biliary drainage catheter (eg, external or internal-external)			X
47541	Placement of access through the biliary tree and into small bowel to assist with an endoscopic biliary procedure (eg, rendezvous procedure), percutaneous, including diagnostic cholangiography when performed, imaging guidance (eg, ultrasound and/or fluoroscopy), and all associated radiological supervision and interpretation, new access			X
47542	Balloon dilation of biliary duct(s) or of ampulla (sphincteroplasty), percutaneous, including imaging guidance (eg, fluoroscopy), and all associated radiological supervision and interpretation, each duct (List separately in addition to code for primary procedure)			X
47543	Endoluminal biopsy(ies) of biliary tree, percutaneous, any method(s) (eg, brush, forceps, and/or needle), including imaging guidance (eg, fluoroscopy), and all associated radiological supervision and interpretation, single or multiple (List separately in addition to code for primary procedure)			X
47544	Removal of calculi/debris from biliary duct(s) and/or gallbladder, percutaneous, including destruction of calculi by any method (eg, mechanical, electrohydraulic, lithotripsy) when performed, imaging guidance (eg, fluoroscopy), and all associated radiological supervision and interpretation (List separately in addition to code for primary procedure)			X
47550	Biliary endoscopy, intraoperative (choledochoscopy) (List separately in addition to code for primary procedure)		X	
47552	Biliary endoscopy, percutaneous via T-tube or other tract; diagnostic, with collection of specimen(s) by brushing and/or washing, when performed (separate procedure)			X
47553	Biliary endoscopy, percutaneous via T-tube or other tract; with biopsy, single or multiple			X

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47554	Biliary endoscopy, percutaneous via T-tube or other tract; with removal of calculus/calculi			X
47555	Biliary endoscopy, percutaneous via T-tube or other tract; with dilation of biliary duct stricture(s) without stent			X
47556	Biliary endoscopy, percutaneous via T-tube or other tract; with dilation of biliary duct stricture(s) with stent		X	
47562	Laparoscopy, surgical; cholecystectomy	X		
47563	Laparoscopy, surgical; cholecystectomy with cholangiography	X		
47564	Laparoscopy, surgical; cholecystectomy with exploration of common duct	X		
47570	Laparoscopy, surgical; cholecystoenterostomy	X		
47600	Cholecystectomy;	X		
47605	Cholecystectomy; with cholangiography	X		
47610	Cholecystectomy with exploration of common duct;	X		
47612	Cholecystectomy with exploration of common duct; with choledochenterostomy	X		
47620	Cholecystectomy with exploration of common duct; with transduodenal sphincterotomy or sphincteroplasty, with or without cholangiography	X		
47700	Exploration for congenital atresia of bile ducts, without repair, with or without liver biopsy, with or without cholangiography	X		
47701	Portoenterostomy (eg, Kasai procedure)	X	O	
47711	Excision of bile duct tumor, with or without primary repair of bile duct; extrahepatic	X	O	
47712	Excision of bile duct tumor, with or without primary repair of bile duct; intrahepatic	X	O	
47715	Excision of choledochal cyst	X		
47720	Cholecystoenterostomy; direct	X		
47721	Cholecystoenterostomy; with gastroenterostomy	X		
47740	Cholecystoenterostomy; Roux-en-Y	X		
47741	Cholecystoenterostomy; Roux-en-Y with gastroenterostomy	X		
47760	Anastomosis, of extrahepatic biliary ducts and gastrointestinal tract	X		
47765	Anastomosis, of intrahepatic ducts and gastrointestinal tract	X		
47780	Anastomosis, Roux-en-Y, of extrahepatic biliary ducts and gastrointestinal tract	X		
47785	Anastomosis, Roux-en-Y, of intrahepatic biliary ducts and gastrointestinal tract	X	O	
47800	Reconstruction, plastic, of extrahepatic biliary ducts with end-to-end anastomosis	X		
47801	Placement of choledochal stent		X	
47802	U-tube hepaticoenterostomy	X		
47900	Suture of extrahepatic biliary duct for pre-existing injury (separate procedure)	X		
48000	Placement of drains, peripancreatic, for acute pancreatitis;	X		
48001	Placement of drains, peripancreatic, for acute pancreatitis; with cholecystostomy, gastrostomy, and jejunostomy	X		
48020	Removal of pancreatic calculus	X		
48100	Biopsy of pancreas, open (eg, fine needle aspiration, needle core biopsy, wedge biopsy)	X		
48102	Biopsy of pancreas, percutaneous needle			X
48105	Resection or debridement of pancreas and peripancreatic tissue for acute necrotizing pancreatitis	X		
48120	Excision of lesion of pancreas (eg, cyst, adenoma)	X		

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48140	Pancreatectomy, distal subtotal, with or without splenectomy; without pancreaticojejunostomy	X		
48145	Pancreatectomy, distal subtotal, with or without splenectomy; with pancreaticojejunostomy	X		
48146	Pancreatectomy, distal, near-total with preservation of duodenum (Child-type procedure)	X		
48148	Excision of ampulla of Vater	X		
48150	Pancreatectomy, proximal subtotal with total duodenectomy, partial gastrectomy, choledochenterostomy and gastrojejunostomy (Whipple-type procedure); with pancreaticojejunostomy	X	O	
48152	Pancreatectomy, proximal subtotal with total duodenectomy, partial gastrectomy, choledochenterostomy and gastrojejunostomy (Whipple-type procedure); without pancreaticojejunostomy	X	O	
48153	Pancreatectomy, proximal subtotal with near-total duodenectomy, choledochenterostomy and duodenojejunostomy (pylorus-sparing, Whipple-type procedure); with pancreaticojejunostomy	X	O	
48154	Pancreatectomy, proximal subtotal with near-total duodenectomy, choledochenterostomy and duodenojejunostomy (pylorus-sparing, Whipple-type procedure); without pancreaticojejunostomy	X	O	
48155	Pancreatectomy, total	X	O	
48160	Pancreatectomy, total or subtotal, with autologous transplantation of pancreas or pancreatic islet cells	X	O	
48400	Injection procedure for intraoperative pancreatography (List separately in addition to code for primary procedure)		X	
48500	Marsupialization of pancreatic cyst	X		
48510	External drainage, pseudocyst of pancreas, open	X		
48520	Internal anastomosis of pancreatic cyst to gastrointestinal tract; direct	X		
48540	Internal anastomosis of pancreatic cyst to gastrointestinal tract; Roux-en-Y	X		
48545	Pancreatorrhaphy for injury	X		
48547	Duodenal exclusion with gastrojejunostomy for pancreatic injury	X		
48548	Pancreaticojejunostomy, side-to-side anastomosis (Puestow-type operation)	X		
48550	Donor pancreatectomy (including cold preservation), with or without duodenal segment for transplantation	X	O	
48551	Backbench standard preparation of cadaver donor pancreas allograft prior to transplantation, including dissection of allograft from surrounding soft tissues, splenectomy, duodenotomy, ligation of bile duct, ligation of mesenteric vessels, and Y-graft arterial anastomoses from iliac artery to superior mesenteric artery and to splenic artery	X		
48552	Backbench reconstruction of cadaver donor pancreas allograft prior to transplantation, venous anastomosis, each	X		
48554	Transplantation of pancreatic allograft	X	O	
48556	Removal of transplanted pancreatic allograft	X		
49000	Exploratory laparotomy, exploratory celiotomy with or without biopsy(s) (separate procedure)	X		
49002	Reopening of recent laparotomy		X	
49010	Exploration, retroperitoneal area with or without biopsy(s) (separate procedure)	X		

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49020	Drainage of peritoneal abscess or localized peritonitis, exclusive of appendiceal abscess, open	X		
49040	Drainage of subdiaphragmatic or subphrenic abscess, open	X		
49060	Drainage of retroperitoneal abscess, open	X		
49062	Drainage of extraperitoneal lymphocele to peritoneal cavity, open		X	
49082	Abdominal paracentesis (diagnostic or therapeutic); without imaging guidance			X
49083	Abdominal paracentesis (diagnostic or therapeutic); with imaging guidance			X
49084	Peritoneal lavage, including imaging guidance, when performed		X	
49180	Biopsy, abdominal or retroperitoneal mass, percutaneous needle			X
49185	Sclerotherapy of a fluid collection (eg, lymphocele, cyst, or seroma), percutaneous, including contrast injection(s), sclerosant injection(s), diagnostic study, imaging guidance (eg, ultrasound, fluoroscopy) and radiological supervision and interpretation when performed			X
49203	Excision or destruction, open, intra-abdominal tumors, cysts or endometriomas, 1 or more peritoneal, mesenteric, or retroperitoneal primary or secondary tumors; largest tumor 5 cm diameter or less	X		
49204	Excision or destruction, open, intra-abdominal tumors, cysts or endometriomas, 1 or more peritoneal, mesenteric, or retroperitoneal primary or secondary tumors; largest tumor 5.1-10.0 cm diameter	X		
49205	Excision or destruction, open, intra-abdominal tumors, cysts or endometriomas, 1 or more peritoneal, mesenteric, or retroperitoneal primary or secondary tumors; largest tumor greater than 10.0 cm diameter	X		
49215	Excision of presacral or sacrococcygeal tumor	X		
49220	Staging laparotomy for Hodgkins disease or lymphoma (includes splenectomy, needle or open biopsies of both liver lobes, possibly also removal of abdominal nodes, abdominal node and/or bone marrow biopsies, ovarian repositioning)	X		
49250	Umbilectomy, omphalectomy, excision of umbilicus (separate procedure)			X
49255	Omentectomy, epiploectomy, resection of omentum (separate procedure)	X		
49320	Laparoscopy, abdomen, peritoneum, and omentum, diagnostic, with or without collection of specimen(s) by brushing or washing (separate procedure)		X	
49321	Laparoscopy, surgical; with biopsy (single or multiple)		X	
49322	Laparoscopy, surgical; with aspiration of cavity or cyst (eg, ovarian cyst) (single or multiple)		X	
49323	Laparoscopy, surgical; with drainage of lymphocele to peritoneal cavity	X		
49324	Laparoscopy, surgical; with insertion of tunneled intraperitoneal catheter		X	
49325	Laparoscopy, surgical; with revision of previously placed intraperitoneal cannula or catheter, with removal of intraluminal obstructive material if performed	X		
49326	Laparoscopy, surgical; with omentopexy (omental tacking procedure) (List separately in addition to code for primary procedure)	X		
49327	Laparoscopy, surgical; with placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), intra-abdominal, intrapelvic, and/or retroperitoneum, including imaging guidance, if performed, single or multiple (List separately in addition to code for primary procedure)		X	
49400	Injection of air or contrast into peritoneal cavity (separate procedure)			X
49402	Removal of peritoneal foreign body from peritoneal cavity	X		

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49405	Image-guided fluid collection drainage by catheter (eg, abscess, hematoma, seroma, lymphocele, cyst); visceral (eg, kidney, liver, spleen, lung/mediastinum), percutaneous			X
49406	Image-guided fluid collection drainage by catheter (eg, abscess, hematoma, seroma, lymphocele, cyst); peritoneal or retroperitoneal, percutaneous			X
49407	Image-guided fluid collection drainage by catheter (eg, abscess, hematoma, seroma, lymphocele, cyst); peritoneal or retroperitoneal, transvaginal or transrectal			X
49411	Placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), percutaneous, intra-abdominal, intra-pelvic (except prostate), and/or retroperitoneum, single or multiple			X
49412	Placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), open, intra-abdominal, intrapelvic, and/or retroperitoneum, including image guidance, if performed, single or multiple (List separately in addition to code for primary procedure)		X	
49418	Insertion of tunneled intraperitoneal catheter (eg, dialysis, intraperitoneal chemotherapy instillation, management of ascites), complete procedure, including imaging guidance, catheter placement, contrast injection when performed, and radiological supervision and interpretation, percutaneous			X
49419	Insertion of tunneled intraperitoneal catheter, with subcutaneous port (ie, totally implantable)	X		
49421	Insertion of tunneled intraperitoneal catheter for dialysis, open		X	
49422	Removal of tunneled intraperitoneal catheter		X	
49423	Exchange of previously placed abscess or cyst drainage catheter under radiological guidance (separate procedure)			X
49424	Contrast injection for assessment of abscess or cyst via previously placed drainage catheter or tube (separate procedure)			X
49425	Insertion of peritoneal-venous shunt		X	
49426	Revision of peritoneal-venous shunt		X	
49427	Injection procedure (eg, contrast media) for evaluation of previously placed peritoneal-venous shunt			X
49428	Ligation of peritoneal-venous shunt		X	
49429	Removal of peritoneal-venous shunt		X	
49435	Insertion of subcutaneous extension to intraperitoneal cannula or catheter with remote chest exit site (List separately in addition to code for primary procedure)		X	
49436	Delayed creation of exit site from embedded subcutaneous segment of intraperitoneal cannula or catheter		X	
49440	Insertion of gastrostomy tube, percutaneous, under fluoroscopic guidance including contrast injection(s), image documentation and report			X
49441	Insertion of duodenostomy or jejunostomy tube, percutaneous, under fluoroscopic guidance including contrast injection(s), image documentation and report			X
49442	Insertion of cecostomy or other colonic tube, percutaneous, under fluoroscopic guidance including contrast injection(s), image documentation and report			X
49446	Conversion of gastrostomy tube to gastro-jejunostomy tube, percutaneous, under fluoroscopic guidance including contrast injection(s), image documentation and report			X
49450	Replacement of gastrostomy or cecostomy (or other colonic) tube, percutaneous, under fluoroscopic guidance including contrast injection(s), image documentation and report			X

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49451	Replacement of duodenostomy or jejunostomy tube, percutaneous, under fluoroscopic guidance including contrast injection(s), image documentation and report			X
49452	Replacement of gastro-jejunostomy tube, percutaneous, under fluoroscopic guidance including contrast injection(s), image documentation and report			X
49460	Mechanical removal of obstructive material from gastrostomy, duodenostomy, jejunostomy, gastro-jejunostomy, or cecostomy (or other colonic) tube, any method, under fluoroscopic guidance including contrast injection(s), if performed, image documentation and report			X
49465	Contrast injection(s) for radiological evaluation of existing gastrostomy, duodenostomy, jejunostomy, gastro-jejunostomy, or cecostomy (or other colonic) tube, from a percutaneous approach including image documentation and report			X
49491	Repair, initial inguinal hernia, preterm infant (younger than 37 weeks gestation at birth), performed from birth up to 50 weeks postconception age, with or without hydrocelectomy; reducible		X	
49492	Repair, initial inguinal hernia, preterm infant (younger than 37 weeks gestation at birth), performed from birth up to 50 weeks postconception age, with or without hydrocelectomy; incarcerated or strangulated		X	
49495	Repair, initial inguinal hernia, full term infant younger than age 6 months, or preterm infant older than 50 weeks postconception age and younger than age 6 months at the time of surgery, with or without hydrocelectomy; reducible		X	
49496	Repair, initial inguinal hernia, full term infant younger than age 6 months, or preterm infant older than 50 weeks postconception age and younger than age 6 months at the time of surgery, with or without hydrocelectomy; incarcerated or strangulated		X	
49500	Repair initial inguinal hernia, age 6 months to younger than 5 years, with or without hydrocelectomy; reducible		X	
49501	Repair initial inguinal hernia, age 6 months to younger than 5 years, with or without hydrocelectomy; incarcerated or strangulated		X	
49505	Repair initial inguinal hernia, age 5 years or older; reducible		X	
49507	Repair initial inguinal hernia, age 5 years or older; incarcerated or strangulated		X	
49520	Repair recurrent inguinal hernia, any age; reducible		X	
49521	Repair recurrent inguinal hernia, any age; incarcerated or strangulated		X	
49525	Repair inguinal hernia, sliding, any age		X	
49540	Repair lumbar hernia		X	
49550	Repair initial femoral hernia, any age; reducible		X	
49553	Repair initial femoral hernia, any age; incarcerated or strangulated		X	
49555	Repair recurrent femoral hernia; reducible		X	
49557	Repair recurrent femoral hernia; incarcerated or strangulated		X	
49560	Repair initial incisional or ventral hernia; reducible		X	
49561	Repair initial incisional or ventral hernia; incarcerated or strangulated		X	
49565	Repair recurrent incisional or ventral hernia; reducible	X		
49566	Repair recurrent incisional or ventral hernia; incarcerated or strangulated	X		
49568	Implantation of mesh or other prosthesis for open incisional or ventral hernia repair or mesh for closure of debridement for necrotizing soft tissue infection (List separately in addition to code for the incisional or ventral hernia repair)		X	
49570	Repair epigastric hernia (eg, preperitoneal fat); reducible (separate procedure)		X	
49572	Repair epigastric hernia (eg, preperitoneal fat); incarcerated or strangulated		X	

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49580	Repair umbilical hernia, younger than age 5 years; reducible		X	
49582	Repair umbilical hernia, younger than age 5 years; incarcerated or strangulated		X	
49585	Repair umbilical hernia, age 5 years or older; reducible		X	
49587	Repair umbilical hernia, age 5 years or older; incarcerated or strangulated		X	
49590	Repair spigelian hernia		X	
49600	Repair of small omphalocele, with primary closure		X	
49605	Repair of large omphalocele or gastroschisis; with or without prosthesis	X		
49606	Repair of large omphalocele or gastroschisis; with removal of prosthesis, final reduction and closure, in operating room	X		
49610	Repair of omphalocele (Gross type operation); first stage	X		
49611	Repair of omphalocele (Gross type operation); second stage	X		
49650	Laparoscopy, surgical; repair initial inguinal hernia	X		
49651	Laparoscopy, surgical; repair recurrent inguinal hernia	X		
49652	Laparoscopy, surgical, repair, ventral, umbilical, spigelian or epigastric hernia (includes mesh insertion, when performed); reducible	X		
49653	Laparoscopy, surgical, repair, ventral, umbilical, spigelian or epigastric hernia (includes mesh insertion, when performed); incarcerated or strangulated	X		
49654	Laparoscopy, surgical, repair, incisional hernia (includes mesh insertion, when performed); reducible	X		
49655	Laparoscopy, surgical, repair, incisional hernia (includes mesh insertion, when performed); incarcerated or strangulated	X		
49656	Laparoscopy, surgical, repair, recurrent incisional hernia (includes mesh insertion, when performed); reducible	X		
49657	Laparoscopy, surgical, repair, recurrent incisional hernia (includes mesh insertion, when performed); incarcerated or strangulated	X		
49900	Suture, secondary, of abdominal wall for evisceration or dehiscence		X	
49904	Omental flap, extra-abdominal (eg, for reconstruction of sternal and chest wall defects)	X	O	
49905	Omental flap, intra-abdominal (List separately in addition to code for primary procedure)	X		
49906	Free omental flap with microvascular anastomosis	X		
50010	Renal exploration, not necessitating other specific procedures	X		
50020	Drainage of perirenal or renal abscess, open	X		
50040	Nephrostomy, nephrotomy with drainage	X		
50045	Nephrotomy, with exploration	X		
50060	Nephrolithotomy; removal of calculus	X		
50065	Nephrolithotomy; secondary surgical operation for calculus	X		
50070	Nephrolithotomy; complicated by congenital kidney abnormality	X		
50075	Nephrolithotomy; removal of large staghorn calculus filling renal pelvis and calyces (including anatomic pyelolithotomy)	X		
50080	Percutaneous nephrostolithotomy or pyelostolithotomy, with or without dilation, endoscopy, lithotripsy, stenting, or basket extraction; up to 2 cm		X	
50081	Percutaneous nephrostolithotomy or pyelostolithotomy, with or without dilation, endoscopy, lithotripsy, stenting, or basket extraction; over 2 cm		X	
50100	Transection or repositioning of aberrant renal vessels (separate procedure)	X		

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50120	Pyelotomy; with exploration	X		
50125	Pyelotomy; with drainage, pyelostomy	X		
50130	Pyelotomy; with removal of calculus (pyelolithotomy, pelviolithotomy, including coagulum pyelolithotomy)	X		
50135	Pyelotomy; complicated (eg, secondary operation, congenital kidney abnormality)	X		
50200	Renal biopsy; percutaneous, by trocar or needle			X
50205	Renal biopsy; by surgical exposure of kidney	X		
50220	Nephrectomy, including partial ureterectomy, any open approach including rib resection;	X		
50225	Nephrectomy, including partial ureterectomy, any open approach including rib resection; complicated because of previous surgery on same kidney	X		
50230	Nephrectomy, including partial ureterectomy, any open approach including rib resection; radical, with regional lymphadenectomy and/or vena caval thrombectomy	X		
50234	Nephrectomy with total ureterectomy and bladder cuff; through same incision	X		
50236	Nephrectomy with total ureterectomy and bladder cuff; through separate incision	X		
50240	Nephrectomy, partial	X		
50250	Ablation, open, 1 or more renal mass lesion(s), cryosurgical, including intraoperative ultrasound guidance and monitoring, if performed	X		
50280	Excision or unroofing of cyst(s) of kidney	X		
50290	Excision of perinephric cyst	X		
50300	Donor nephrectomy (including cold preservation); from cadaver donor, unilateral or bilateral	X		
50320	Donor nephrectomy (including cold preservation); open, from living donor	X		
50323	Backbench standard preparation of cadaver donor renal allograft prior to transplantation, including dissection and removal of perinephric fat, diaphragmatic and retroperitoneal attachments, excision of adrenal gland, and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary	X		
50325	Backbench standard preparation of living donor renal allograft (open or laparoscopic) prior to transplantation, including dissection and removal of perinephric fat and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary	X		
50327	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; venous anastomosis, each	X		
50328	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; arterial anastomosis, each	X		
50329	Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; ureteral anastomosis, each	X		
50340	Recipient nephrectomy (separate procedure)	X		
50360	Renal allotransplantation, implantation of graft; without recipient nephrectomy	X		
50365	Renal allotransplantation, implantation of graft; with recipient nephrectomy	X		
50370	Removal of transplanted renal allograft	X		
50380	Renal autotransplantation, reimplantation of kidney	X		
50382	Removal (via snare/capture) and replacement of internally dwelling ureteral stent via percutaneous approach, including radiological supervision and interpretation			X
50384	Removal (via snare/capture) of internally dwelling ureteral stent via percutaneous approach, including radiological supervision and interpretation			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
50385	Removal (via snare/capture) and replacement of internally dwelling ureteral stent via transurethral approach, without use of cystoscopy, including radiological supervision and interpretation			X
50386	Removal (via snare/capture) of internally dwelling ureteral stent via transurethral approach, without use of cystoscopy, including radiological supervision and interpretation			X
50387	Removal and replacement of externally accessible nephroureteral catheter (eg, external/internal stent) requiring fluoroscopic guidance, including radiological supervision and interpretation			X
50389	Removal of nephrostomy tube, requiring fluoroscopic guidance (eg, with concurrent indwelling ureteral stent)			X
50390	Aspiration and/or injection of renal cyst or pelvis by needle, percutaneous			X
50391	Instillation(s) of therapeutic agent into renal pelvis and/or ureter through established nephrostomy, pyelostomy or ureterostomy tube (eg, anticarcinogenic or antifungal agent)			X
50395	Introduction of guide into renal pelvis and/or ureter with dilation to establish nephrostomy tract, percutaneous			X
50396	Manometric studies through nephrostomy or pyelostomy tube, or indwelling ureteral catheter			X
50400	Pyeloplasty (Foley Y-pyeloplasty), plastic operation on renal pelvis, with or without plastic operation on ureter, nephropexy, nephrostomy, pyelostomy, or ureteral splinting; simple	X		
50405	Pyeloplasty (Foley Y-pyeloplasty), plastic operation on renal pelvis, with or without plastic operation on ureter, nephropexy, nephrostomy, pyelostomy, or ureteral splinting; complicated (congenital kidney abnormality, secondary pyeloplasty, solitary kidney, calycolasty)	X		
50430	Injection procedure for antegrade nephrostogram and/or ureterogram, complete diagnostic procedure including imaging guidance (eg, ultrasound and fluoroscopy) and all associated radiological supervision and interpretation; new access			X
50431	Injection procedure for antegrade nephrostogram and/or ureterogram, complete diagnostic procedure including imaging guidance (eg, ultrasound and fluoroscopy) and all associated radiological supervision and interpretation; existing access			X
50432	Placement of nephrostomy catheter, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation			X
50433	Placement of nephroureteral catheter, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation, new access			X
50434	Convert nephrostomy catheter to nephroureteral catheter, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation, via pre-existing nephrostomy tract			X
50435	Exchange nephrostomy catheter, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation			X
50500	Nephrorrhaphy, suture of kidney wound or injury	X		
50520	Closure of nephrocutaneous or pyelocutaneous fistula	X		

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50525	Closure of nephrovisceral fistula (eg, renocolic), including visceral repair; abdominal approach	X		
50526	Closure of nephrovisceral fistula (eg, renocolic), including visceral repair; thoracic approach	X		
50540	Symphysiotomy for horseshoe kidney with or without pyeloplasty and/or other plastic procedure, unilateral or bilateral (1 operation)	X		
50541	Laparoscopy, surgical; ablation of renal cysts	X		
50542	Laparoscopy, surgical; ablation of renal mass lesion(s), including intraoperative ultrasound guidance and monitoring, when performed	X		
50543	Laparoscopy, surgical; partial nephrectomy	X		
50544	Laparoscopy, surgical; pyeloplasty	X		
50545	Laparoscopy, surgical; radical nephrectomy (includes removal of Gerota's fascia and surrounding fatty tissue, removal of regional lymph nodes, and adrenalectomy)	X		
50546	Laparoscopy, surgical; nephrectomy, including partial ureterectomy	X		
50547	Laparoscopy, surgical; donor nephrectomy (including cold preservation), from living donor	X		
50548	Laparoscopy, surgical; nephrectomy with total ureterectomy	X		
50551	Renal endoscopy through established nephrostomy or pyelostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;			X
50553	Renal endoscopy through established nephrostomy or pyelostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with ureteral catheterization, with or without dilation of ureter			X
50555	Renal endoscopy through established nephrostomy or pyelostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with biopsy			X
50557	Renal endoscopy through established nephrostomy or pyelostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with fulguration and/or incision, with or without biopsy			X
50561	Renal endoscopy through established nephrostomy or pyelostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with removal of foreign body or calculus			X
50562	Renal endoscopy through established nephrostomy or pyelostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with resection of tumor			X
50570	Renal endoscopy through nephrotomy or pyelotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;			X
50572	Renal endoscopy through nephrotomy or pyelotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with ureteral catheterization, with or without dilation of ureter		X	
50574	Renal endoscopy through nephrotomy or pyelotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with biopsy		X	
50575	Renal endoscopy through nephrotomy or pyelotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with endopyelotomy (includes cystoscopy, ureteroscopy, dilation of ureter and ureteral pelvic junction, incision of ureteral pelvic junction and insertion of endopyelotomy stent)		X	
50576	Renal endoscopy through nephrotomy or pyelotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with fulguration and/or incision, with or without biopsy		X	

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50580	Renal endoscopy through nephrotomy or pyelotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with removal of foreign body or calculus		X	
50590	Lithotripsy, extracorporeal shock wave			X
50592	Ablation, 1 or more renal tumor(s), percutaneous, unilateral, radiofrequency		X	
50593	Ablation, renal tumor(s), unilateral, percutaneous, cryotherapy		X	
50600	Ureterotomy with exploration or drainage (separate procedure)	X		
50605	Ureterotomy for insertion of indwelling stent, all types	X		
50606	Endoluminal biopsy of ureter and/or renal pelvis, non-endoscopic, including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation (List separately in addition to code for primary procedure)		X	
50610	Ureterolithotomy; upper one-third of ureter	X		
50620	Ureterolithotomy; middle one-third of ureter	X		
50630	Ureterolithotomy; lower one-third of ureter	X		
50650	Ureterectomy, with bladder cuff (separate procedure)	X		
50660	Ureterectomy, total, ectopic ureter, combination abdominal, vaginal and/or perineal approach	X		
50684	Injection procedure for ureterography or ureteropyelography through ureterostomy or indwelling ureteral catheter			X
50686	Manometric studies through ureterostomy or indwelling ureteral catheter			X
50688	Change of ureterostomy tube or externally accessible ureteral stent via ileal conduit			X
50690	Injection procedure for visualization of ileal conduit and/or ureteropyelography, exclusive of radiologic service			X
50693	Placement of ureteral stent, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy), and all associated radiological supervision and interpretation; pre-existing nephrostomy tract			X
50694	Placement of ureteral stent, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy), and all associated radiological supervision and interpretation; new access, without separate nephrostomy catheter			X
50695	Placement of ureteral stent, percutaneous, including diagnostic nephrostogram and/or ureterogram when performed, imaging guidance (eg, ultrasound and/or fluoroscopy), and all associated radiological supervision and interpretation; new access, with separate nephrostomy catheter			X
50700	Ureteroplasty, plastic operation on ureter (eg, stricture)	X		
50705	Ureteral embolization or occlusion, including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation (List separately in addition to code for primary procedure)		X	
50706	Balloon dilation, ureteral stricture, including imaging guidance (eg, ultrasound and/or fluoroscopy) and all associated radiological supervision and interpretation (List separately in addition to code for primary procedure)			X
50715	Ureterolysis, with or without repositioning of ureter for retroperitoneal fibrosis	X		
50722	Ureterolysis for ovarian vein syndrome	X		
50725	Ureterolysis for retrocaval ureter, with reanastomosis of upper urinary tract or vena cava	X		

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50727	Revision of urinary-cutaneous anastomosis (any type urostomy);	X		
50728	Revision of urinary-cutaneous anastomosis (any type urostomy); with repair of fascial defect and hernia	X		
50740	Ureteropyelostomy, anastomosis of ureter and renal pelvis	X		
50750	Ureterocalycostomy, anastomosis of ureter to renal calyx	X		
50760	Ureteroureterostomy	X		
50770	Transureteroureterostomy, anastomosis of ureter to contralateral ureter	X		
50780	Ureteroneocystostomy; anastomosis of single ureter to bladder	X		
50782	Ureteroneocystostomy; anastomosis of duplicated ureter to bladder	X		
50783	Ureteroneocystostomy; with extensive ureteral tailoring	X		
50785	Ureteroneocystostomy; with vesico-psoas hitch or bladder flap	X		
50800	Ureteroenterostomy, direct anastomosis of ureter to intestine	X		
50810	Ureterosigmoidostomy, with creation of sigmoid bladder and establishment of abdominal or perineal colostomy, including intestine anastomosis	X	O	
50815	Ureterocolon conduit, including intestine anastomosis	X	O	
50820	Ureteroileal conduit (ileal bladder), including intestine anastomosis (Bricker operation)	X	O	
50825	Continent diversion, including intestine anastomosis using any segment of small and/or large intestine (Kock pouch or Camey enterocystoplasty)	X	O	
50830	Urinary undiversion (eg, taking down of ureteroileal conduit, ureterosigmoidostomy or ureteroenterostomy with ureteroureterostomy or ureteroneocystostomy)	X	O	
50840	Replacement of all or part of ureter by intestine segment, including intestine anastomosis	X	O	
50845	Cutaneous appendico-vesicostomy	X		
50860	Ureterostomy, transplantation of ureter to skin	X		
50900	Ureterorrhaphy, suture of ureter (separate procedure)	X		
50920	Closure of ureterocutaneous fistula	X		
50930	Closure of ureterovisceral fistula (including visceral repair)	X		
50940	Deligation of ureter	X		
50945	Laparoscopy, surgical; ureterolithotomy	X		
50947	Laparoscopy, surgical; ureteroneocystostomy with cystoscopy and ureteral stent placement	X		
50948	Laparoscopy, surgical; ureteroneocystostomy without cystoscopy and ureteral stent placement	X		
50951	Ureteral endoscopy through established ureterostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;			X
50953	Ureteral endoscopy through established ureterostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with ureteral catheterization, with or without dilation of ureter			X
50955	Ureteral endoscopy through established ureterostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with biopsy			X
50957	Ureteral endoscopy through established ureterostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with fulguration and/or incision, with or without biopsy			X

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50961	Ureteral endoscopy through established ureterostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with removal of foreign body or calculus			X
50970	Ureteral endoscopy through ureterotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;			X
50972	Ureteral endoscopy through ureterotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with ureteral catheterization, with or without dilation of ureter			X
50974	Ureteral endoscopy through ureterotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with biopsy			X
50976	Ureteral endoscopy through ureterotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with fulguration and/or incision, with or without biopsy			X
50980	Ureteral endoscopy through ureterotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with removal of foreign body or calculus			X
51020	Cystotomy or cystostomy; with fulguration and/or insertion of radioactive material		X	
51030	Cystotomy or cystostomy; with cryosurgical destruction of intravesical lesion		X	
51040	Cystostomy, cystostomy with drainage		X	
51045	Cystotomy, with insertion of ureteral catheter or stent (separate procedure)		X	
51050	Cystolithotomy, cystotomy with removal of calculus, without vesical neck resection		X	
51060	Transvesical ureterolithotomy	X		
51065	Cystotomy, with calculus basket extraction and/or ultrasonic or electrohydraulic fragmentation of ureteral calculus		X	
51080	Drainage of perivesical or prevesical space abscess		X	
51100	Aspiration of bladder; by needle			X
51101	Aspiration of bladder; by trocar or intracatheter			X
51102	Aspiration of bladder; with insertion of suprapubic catheter			X
51500	Excision of urachal cyst or sinus, with or without umbilical hernia repair	X		
51520	Cystotomy; for simple excision of vesical neck (separate procedure)	X		
51525	Cystotomy; for excision of bladder diverticulum, single or multiple (separate procedure)	X		
51530	Cystotomy; for excision of bladder tumor	X		
51535	Cystotomy for excision, incision, or repair of ureterocele	X		
51550	Cystectomy, partial; simple	X		
51555	Cystectomy, partial; complicated (eg, postradiation, previous surgery, difficult location)	X		
51565	Cystectomy, partial, with reimplantation of ureter(s) into bladder (ureteroneocystostomy)	X		
51570	Cystectomy, complete; (separate procedure)	X		
51575	Cystectomy, complete; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes	X		
51580	Cystectomy, complete, with ureterosigmoidostomy or ureterocutaneous transplantations;	X		
51585	Cystectomy, complete, with ureterosigmoidostomy or ureterocutaneous transplantations; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes	X		

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51590	Cystectomy, complete, with ureteroileal conduit or sigmoid bladder, including intestine anastomosis;	X	O	
51595	Cystectomy, complete, with ureteroileal conduit or sigmoid bladder, including intestine anastomosis; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes	X	O	
51596	Cystectomy, complete, with continent diversion, any open technique, using any segment of small and/or large intestine to construct neobladder	X	O	
51597	Pelvic exenteration, complete, for vesical, prostatic or urethral malignancy, with removal of bladder and ureteral transplantations, with or without hysterectomy and/or abdominoperineal resection of rectum and colon and colostomy, or any combination thereof	X	O	
51600	Injection procedure for cystography or voiding urethrocystography			X
51605	Injection procedure and placement of chain for contrast and/or chain urethrocystography			X
51610	Injection procedure for retrograde urethrocystography			X
51700	Bladder irrigation, simple, lavage and/or instillation			X
51701	Insertion of non-indwelling bladder catheter (eg, straight catheterization for residual urine)			X
51702	Insertion of temporary indwelling bladder catheter; simple (eg, Foley)			X
51703	Insertion of temporary indwelling bladder catheter; complicated (eg, altered anatomy, fractured catheter/balloon)			X
51705	Change of cystostomy tube; simple			X
51710	Change of cystostomy tube; complicated			X
51715	Endoscopic injection of implant material into the submucosal tissues of the urethra and/or bladder neck			X
51720	Bladder instillation of anticarcinogenic agent (including retention time)			X
51725	Simple cystometrogram (CMG) (eg, spinal manometer)			X
51726	Complex cystometrogram (ie, calibrated electronic equipment);			X
51727	Complex cystometrogram (ie, calibrated electronic equipment); with urethral pressure profile studies (ie, urethral closure pressure profile), any technique			X
51728	Complex cystometrogram (ie, calibrated electronic equipment); with voiding pressure studies (ie, bladder voiding pressure), any technique			X
51729	Complex cystometrogram (ie, calibrated electronic equipment); with voiding pressure studies (ie, bladder voiding pressure) and urethral pressure profile studies (ie, urethral closure pressure profile), any technique			X
51736	Simple uroflowmetry (UFR) (eg, stop-watch flow rate, mechanical uroflowmeter)			X
51741	Complex uroflowmetry (eg, calibrated electronic equipment)			X
51784	Electromyography studies (EMG) of anal or urethral sphincter, other than needle, any technique			X
51785	Needle electromyography studies (EMG) of anal or urethral sphincter, any technique			X
51792	Stimulus evoked response (eg, measurement of bulbocavernosus reflex latency time)			X
51797	Voiding pressure studies, intra-abdominal (ie, rectal, gastric, intraperitoneal) (List separately in addition to code for primary procedure)			X
51798	Measurement of post-voiding residual urine and/or bladder capacity by ultrasound, non-imaging			X

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51800	Cystoplasty or cystourethroplasty, plastic operation on bladder and/or vesical neck (anterior Y-plasty, vesical fundus resection), any procedure, with or without wedge resection of posterior vesical neck	X		
51820	Cystourethroplasty with unilateral or bilateral ureteroneocystostomy	X		
51840	Anterior vesicourethropexy, or urethropexy (eg, Marshall-Marchetti-Krantz, Burch); simple	X		
51841	Anterior vesicourethropexy, or urethropexy (eg, Marshall-Marchetti-Krantz, Burch); complicated (eg, secondary repair)	X		
51845	Abdomino-vaginal vesical neck suspension, with or without endoscopic control (eg, Stamey, Raz, modified Pereyra)	X		
51860	Cystorrhaphy, suture of bladder wound, injury or rupture; simple	X		
51865	Cystorrhaphy, suture of bladder wound, injury or rupture; complicated	X		
51880	Closure of cystostomy (separate procedure)		X	
51900	Closure of vesicovaginal fistula, abdominal approach	X		
51920	Closure of vesicouterine fistula;	X		
51925	Closure of vesicouterine fistula; with hysterectomy	X		
51940	Closure, exstrophy of bladder	X		
51960	Enterocystoplasty, including intestinal anastomosis	X		
51980	Cutaneous vesicostomy	X		
51990	Laparoscopy, surgical; urethral suspension for stress incontinence	X		
51992	Laparoscopy, surgical; sling operation for stress incontinence (eg, fascia or synthetic)	X		
52000	Cystourethroscopy (separate procedure)			X
52001	Cystourethroscopy with irrigation and evacuation of multiple obstructing clots			X
52005	Cystourethroscopy, with ureteral catheterization, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service;			X
52007	Cystourethroscopy, with ureteral catheterization, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with brush biopsy of ureter and/or renal pelvis			X
52010	Cystourethroscopy, with ejaculatory duct catheterization, with or without irrigation, instillation, or duct radiography, exclusive of radiologic service			X
52204	Cystourethroscopy, with biopsy(s)			X
52214	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) of trigone, bladder neck, prostatic fossa, urethra, or periurethral glands			X
52224	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) or treatment of MINOR (less than 0.5 cm) lesion(s) with or without biopsy			X
52234	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; SMALL bladder tumor(s) (0.5 up to 2.0 cm)			X
52235	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; MEDIUM bladder tumor(s) (2.0 to 5.0 cm)			X
52240	Cystourethroscopy, with fulguration (including cryosurgery or laser surgery) and/or resection of; LARGE bladder tumor(s)			X
52250	Cystourethroscopy with insertion of radioactive substance, with or without biopsy or fulguration			X
52260	Cystourethroscopy, with dilation of bladder for interstitial cystitis; general or conduction (spinal) anesthesia			X

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52265	Cystourethroscopy, with dilation of bladder for interstitial cystitis; local anesthesia			X
52270	Cystourethroscopy, with internal urethrotomy; female			X
52275	Cystourethroscopy, with internal urethrotomy; male			X
52276	Cystourethroscopy with direct vision internal urethrotomy			X
52277	Cystourethroscopy, with resection of external sphincter (sphincterotomy)			X
52281	Cystourethroscopy, with calibration and/or dilation of urethral stricture or stenosis, with or without meatotomy, with or without injection procedure for cystography, male or female			X
52282	Cystourethroscopy, with insertion of permanent urethral stent			X
52283	Cystourethroscopy, with steroid injection into stricture			X
52285	Cystourethroscopy for treatment of the female urethral syndrome with any or all of the following: urethral meatotomy, urethral dilation, internal urethrotomy, lysis of urethrovaginal septal fibrosis, lateral incisions of the bladder neck, and fulguration of polyp(s) of urethra, bladder neck, and/or trigone			X
52287	Cystourethroscopy, with injection(s) for chemodenervation of the bladder			X
52290	Cystourethroscopy; with ureteral meatotomy, unilateral or bilateral			X
52300	Cystourethroscopy; with resection or fulguration of orthotopic ureterocele(s), unilateral or bilateral			X
52301	Cystourethroscopy; with resection or fulguration of ectopic ureterocele(s), unilateral or bilateral			X
52305	Cystourethroscopy; with incision or resection of orifice of bladder diverticulum, single or multiple			X
52310	Cystourethroscopy, with removal of foreign body, calculus, or ureteral stent from urethra or bladder (separate procedure); simple			X
52315	Cystourethroscopy, with removal of foreign body, calculus, or ureteral stent from urethra or bladder (separate procedure); complicated			X
52317	Litholapaxy: crushing or fragmentation of calculus by any means in bladder and removal of fragments; simple or small (less than 2.5 cm)			X
52318	Litholapaxy: crushing or fragmentation of calculus by any means in bladder and removal of fragments; complicated or large (over 2.5 cm)			X
52320	Cystourethroscopy (including ureteral catheterization); with removal of ureteral calculus			X
52325	Cystourethroscopy (including ureteral catheterization); with fragmentation of ureteral calculus (eg, ultrasonic or electro-hydraulic technique)			X
52327	Cystourethroscopy (including ureteral catheterization); with subureteric injection of implant material			X
52330	Cystourethroscopy (including ureteral catheterization); with manipulation, without removal of ureteral calculus			X
52332	Cystourethroscopy, with insertion of indwelling ureteral stent (eg, Gibbons or double-J type)			X
52334	Cystourethroscopy with insertion of ureteral guide wire through kidney to establish a percutaneous nephrostomy, retrograde			X
52341	Cystourethroscopy; with treatment of ureteral stricture (eg, balloon dilation, laser, electrocautery, and incision)			X
52342	Cystourethroscopy; with treatment of ureteropelvic junction stricture (eg, balloon dilation, laser, electrocautery, and incision)			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
52343	Cystourethroscopy; with treatment of intra-renal stricture (eg, balloon dilation, laser, electrocautery, and incision)			X
52344	Cystourethroscopy with ureteroscopy; with treatment of ureteral stricture (eg, balloon dilation, laser, electrocautery, and incision)			X
52345	Cystourethroscopy with ureteroscopy; with treatment of ureteropelvic junction stricture (eg, balloon dilation, laser, electrocautery, and incision)			X
52346	Cystourethroscopy with ureteroscopy; with treatment of intra-renal stricture (eg, balloon dilation, laser, electrocautery, and incision)			X
52351	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; diagnostic			X
52352	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with removal or manipulation of calculus (ureteral catheterization is included)			X
52353	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with lithotripsy (ureteral catheterization is included)			X
52354	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with biopsy and/or fulguration of ureteral or renal pelvic lesion			X
52355	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with resection of ureteral or renal pelvic tumor			X
52356	Cystourethroscopy, with ureteroscopy and/or pyeloscopy; with lithotripsy including insertion of indwelling ureteral stent (eg, Gibbons or double-J type)			X
52400	Cystourethroscopy with incision, fulguration, or resection of congenital posterior urethral valves, or congenital obstructive hypertrophic mucosal folds			X
52402	Cystourethroscopy with transurethral resection or incision of ejaculatory ducts			X
52441	Cystourethroscopy, with insertion of permanent adjustable transprostatic implant; single implant			X
52442	Cystourethroscopy, with insertion of permanent adjustable transprostatic implant; each additional permanent adjustable transprostatic implant (List separately in addition to code for primary procedure)			X
52450	Transurethral incision of prostate			X
52500	Transurethral resection of bladder neck (separate procedure)			X
52601	Transurethral electrosurgical resection of prostate, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, and internal urethrotomy are included)			X
52630	Transurethral resection; residual or regrowth of obstructive prostate tissue including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, and internal urethrotomy are included)			X
52640	Transurethral resection; of postoperative bladder neck contracture			X
52647	Laser coagulation of prostate, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, and internal urethrotomy are included if performed)			X
52648	Laser vaporization of prostate, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, internal urethrotomy and transurethral resection of prostate are included if performed)			X
52649	Laser enucleation of the prostate with morcellation, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, internal urethrotomy and transurethral resection of prostate are included if performed)			X

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52700	Transurethral drainage of prostatic abscess			X
53000	Urethrotomy or urethrostomy, external (separate procedure); pendulous urethra			X
53010	Urethrotomy or urethrostomy, external (separate procedure); perineal urethra, external			X
53020	Meatotomy, cutting of meatus (separate procedure); except infant			X
53025	Meatotomy, cutting of meatus (separate procedure); infant			X
53040	Drainage of deep periurethral abscess			X
53060	Drainage of Skene's gland abscess or cyst			X
53080	Drainage of perineal urinary extravasation; uncomplicated (separate procedure)			X
53085	Drainage of perineal urinary extravasation; complicated	X		
53200	Biopsy of urethra			X
53210	Urethrectomy, total, including cystostomy; female	X		
53215	Urethrectomy, total, including cystostomy; male	X		
53220	Excision or fulguration of carcinoma of urethra			X
53230	Excision of urethral diverticulum (separate procedure); female		X	
53235	Excision of urethral diverticulum (separate procedure); male		X	
53240	Marsupialization of urethral diverticulum, male or female		X	
53250	Excision of bulbourethral gland (Cowper's gland)		X	
53260	Excision or fulguration; urethral polyp(s), distal urethra		X	
53265	Excision or fulguration; urethral caruncle		X	
53270	Excision or fulguration; Skene's glands		X	
53275	Excision or fulguration; urethral prolapse		X	
53400	Urethroplasty; first stage, for fistula, diverticulum, or stricture (eg, Johanssen type)	X		
53405	Urethroplasty; second stage (formation of urethra), including urinary diversion	X		
53410	Urethroplasty, 1-stage reconstruction of male anterior urethra	X		
53415	Urethroplasty, transpubic or perineal, 1-stage, for reconstruction or repair of prostatic or membranous urethra	X		
53420	Urethroplasty, 2-stage reconstruction or repair of prostatic or membranous urethra; first stage	X		
53425	Urethroplasty, 2-stage reconstruction or repair of prostatic or membranous urethra; second stage	X		
53430	Urethroplasty, reconstruction of female urethra	X		
53431	Urethroplasty with tubularization of posterior urethra and/or lower bladder for incontinence (eg, Tenago, Leadbetter procedure)	X		
53440	Sling operation for correction of male urinary incontinence (eg, fascia or synthetic)	X		
53442	Removal or revision of sling for male urinary incontinence (eg, fascia or synthetic)	X		
53444	Insertion of tandem cuff (dual cuff)	X		
53445	Insertion of inflatable urethral/bladder neck sphincter, including placement of pump, reservoir, and cuff	X		
53446	Removal of inflatable urethral/bladder neck sphincter, including pump, reservoir, and cuff	X		
53447	Removal and replacement of inflatable urethral/bladder neck sphincter including pump, reservoir, and cuff at the same operative session	X		

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53448	Removal and replacement of inflatable urethral/bladder neck sphincter including pump, reservoir, and cuff through an infected field at the same operative session including irrigation and debridement of infected tissue	X		
53449	Repair of inflatable urethral/bladder neck sphincter, including pump, reservoir, and cuff	X		
53450	Urethromeatoplasty, with mucosal advancement	X		
53460	Urethromeatoplasty, with partial excision of distal urethral segment (Richardson type procedure)	X		
53500	Urethrolysis, transvaginal, secondary, open, including cystourethroscopy (eg, postsurgical obstruction, scarring)	X		
53502	Urethrorrhaphy, suture of urethral wound or injury, female	X		
53505	Urethrorrhaphy, suture of urethral wound or injury; penile	X		
53510	Urethrorrhaphy, suture of urethral wound or injury; perineal	X		
53515	Urethrorrhaphy, suture of urethral wound or injury; prostaticmembranous	X		
53520	Closure of urethrostomy or urethrocutaneous fistula, male (separate procedure)	X		
53600	Dilation of urethral stricture by passage of sound or urethral dilator, male; initial			X
53601	Dilation of urethral stricture by passage of sound or urethral dilator, male; subsequent			X
53605	Dilation of urethral stricture or vesical neck by passage of sound or urethral dilator, male, general or conduction (spinal) anesthesia			X
53620	Dilation of urethral stricture by passage of filiform and follower, male; initial			X
53621	Dilation of urethral stricture by passage of filiform and follower, male; subsequent			X
53660	Dilation of female urethra including suppository and/or instillation; initial			X
53661	Dilation of female urethra including suppository and/or instillation; subsequent			X
53665	Dilation of female urethra, general or conduction (spinal) anesthesia			X
53850	Transurethral destruction of prostate tissue; by microwave thermotherapy			X
53852	Transurethral destruction of prostate tissue; by radiofrequency thermotherapy			X
53855	Insertion of a temporary prostatic urethral stent, including urethral measurement			X
53860	Transurethral radiofrequency micro-remodeling of the female bladder neck and proximal urethra for stress urinary incontinence			X
54000	Slitting of prepuce, dorsal or lateral (separate procedure); newborn			X
54001	Slitting of prepuce, dorsal or lateral (separate procedure); except newborn			X
54015	Incision and drainage of penis, deep			X
54050	Destruction of lesion(s), penis (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; chemical			X
54055	Destruction of lesion(s), penis (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; electrodesiccation			X
54056	Destruction of lesion(s), penis (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; cryosurgery			X
54057	Destruction of lesion(s), penis (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; laser surgery			X
54060	Destruction of lesion(s), penis (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), simple; surgical excision			X
54065	Destruction of lesion(s), penis (eg, condyloma, papilloma, mollusum contagiosum, herpetic vesicle), extensive (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery)			X
54100	Biopsy of penis; (separate procedure)			X

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54105	Biopsy of penis; deep structures		X	
54110	Excision of penile plaque (Peyronie disease);		X	
54111	Excision of penile plaque (Peyronie disease); with graft to 5 cm in length	X		
54112	Excision of penile plaque (Peyronie disease); with graft greater than 5 cm in length	X		
54115	Removal foreign body from deep penile tissue (eg, plastic implant)		X	
54120	Amputation of penis; partial	X		
54125	Amputation of penis; complete	X		
54130	Amputation of penis, radical; with bilateral inguofemoral lymphadenectomy	X		
54135	Amputation of penis, radical; in continuity with bilateral pelvic lymphadenectomy, including external iliac, hypogastric and obturator nodes	X		
54150	Circumcision, using clamp or other device with regional dorsal penile or ring block			X
54160	Circumcision, surgical excision other than clamp, device, or dorsal slit; neonate (28 days of age or less)			X
54161	Circumcision, surgical excision other than clamp, device, or dorsal slit; older than 28 days of age			X
54162	Lysis or excision of penile post-circumcision adhesions			X
54163	Repair incomplete circumcision			X
54164	Frenulotomy of penis			X
54200	Injection procedure for Peyronie disease;			X
54205	Injection procedure for Peyronie disease; with surgical exposure of plaque		X	
54220	Irrigation of corpora cavernosa for priapism			X
54230	Injection procedure for corpora cavernosography			X
54231	Dynamic cavernosometry, including intracavernosal injection of vasoactive drugs (eg, papaverine, phentolamine)			X
54235	Injection of corpora cavernosa with pharmacologic agent(s) (eg, papaverine, phentolamine)			X
54240	Penile plethysmography			X
54250	Nocturnal penile tumescence and/or rigidity test			X
54300	Plastic operation of penis for straightening of chordee (eg, hypospadias), with or without mobilization of urethra	X		
54304	Plastic operation on penis for correction of chordee or for first stage hypospadias repair with or without transplantation of prepuce and/or skin flaps	X		
54308	Urethroplasty for second stage hypospadias repair (including urinary diversion); less than 3 cm	X		
54312	Urethroplasty for second stage hypospadias repair (including urinary diversion); greater than 3 cm	X		
54316	Urethroplasty for second stage hypospadias repair (including urinary diversion) with free skin graft obtained from site other than genitalia	X		
54318	Urethroplasty for third stage hypospadias repair to release penis from scrotum (eg, third stage Cecil repair)	X		
54322	1-stage distal hypospadias repair (with or without chordee or circumcision); with simple meatal advancement (eg, Magpi, V-flap)	X		
54324	1-stage distal hypospadias repair (with or without chordee or circumcision); with urethroplasty by local skin flaps (eg, flip-flap, prepuce flap)	X		

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54326	1-stage distal hypospadias repair (with or without chordee or circumcision); with urethroplasty by local skin flaps and mobilization of urethra	X		
54328	1-stage distal hypospadias repair (with or without chordee or circumcision); with extensive dissection to correct chordee and urethroplasty with local skin flaps, skin graft patch, and/or island flap	X		
54332	1-stage proximal penile or penoscrotal hypospadias repair requiring extensive dissection to correct chordee and urethroplasty by use of skin graft tube and/or island flap	X		
54336	1-stage perineal hypospadias repair requiring extensive dissection to correct chordee and urethroplasty by use of skin graft tube and/or island flap	X		
54340	Repair of hypospadias complications (ie, fistula, stricture, diverticula); by closure, incision, or excision, simple	X		
54344	Repair of hypospadias complications (ie, fistula, stricture, diverticula); requiring mobilization of skin flaps and urethroplasty with flap or patch graft	X		
54348	Repair of hypospadias complications (ie, fistula, stricture, diverticula); requiring extensive dissection and urethroplasty with flap, patch or tubed graft (includes urinary diversion)	X		
54352	Repair of hypospadias cripple requiring extensive dissection and excision of previously constructed structures including re-release of chordee and reconstruction of urethra and penis by use of local skin as grafts and island flaps and skin brought in as flaps or grafts	X		
54360	Plastic operation on penis to correct angulation	X		
54380	Plastic operation on penis for epispadias distal to external sphincter;	X		
54385	Plastic operation on penis for epispadias distal to external sphincter; with incontinence	X		
54390	Plastic operation on penis for epispadias distal to external sphincter; with exstrophy of bladder	X		
54400	Insertion of penile prosthesis; non-inflatable (semi-rigid)	X		
54401	Insertion of penile prosthesis; inflatable (self-contained)	X		
54405	Insertion of multi-component, inflatable penile prosthesis, including placement of pump, cylinders, and reservoir	X		
54406	Removal of all components of a multi-component, inflatable penile prosthesis without replacement of prosthesis	X		
54408	Repair of component(s) of a multi-component, inflatable penile prosthesis	X		
54410	Removal and replacement of all component(s) of a multi-component, inflatable penile prosthesis at the same operative session	X		
54411	Removal and replacement of all components of a multi-component inflatable penile prosthesis through an infected field at the same operative session, including irrigation and debridement of infected tissue	X		
54415	Removal of non-inflatable (semi-rigid) or inflatable (self-contained) penile prosthesis, without replacement of prosthesis	X		
54416	Removal and replacement of non-inflatable (semi-rigid) or inflatable (self-contained) penile prosthesis at the same operative session	X		
54417	Removal and replacement of non-inflatable (semi-rigid) or inflatable (self-contained) penile prosthesis through an infected field at the same operative session, including irrigation and debridement of infected tissue	X		
54420	Corpora cavernosa-saphenous vein shunt (priapism operation), unilateral or bilateral	X		

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54430	Corpora cavernosa-corpora spongiosum shunt (priapism operation), unilateral or bilateral	X		
54435	Corpora cavernosa-glans penis fistulization (eg, biopsy needle, Winter procedure, rongeur, or punch) for priapism		X	
54437	Repair of traumatic corporeal tear(s)		X	
54438	Replantation, penis, complete amputation including urethral repair	X		
54440	Plastic operation of penis for injury	X		
54450	Foreskin manipulation including lysis of preputial adhesions and stretching			X
54500	Biopsy of testis, needle (separate procedure)			X
54505	Biopsy of testis, incisional (separate procedure)			X
54512	Excision of extraparenchymal lesion of testis		X	
54520	Orchiectomy, simple (including subcapsular), with or without testicular prosthesis, scrotal or inguinal approach			X
54522	Orchiectomy, partial		X	
54530	Orchiectomy, radical, for tumor; inguinal approach		X	
54535	Orchiectomy, radical, for tumor; with abdominal exploration	X		
54550	Exploration for undescended testis (inguinal or scrotal area)		X	
54560	Exploration for undescended testis with abdominal exploration	X		
54600	Reduction of torsion of testis, surgical, with or without fixation of contralateral testis			X
54620	Fixation of contralateral testis (separate procedure)			X
54640	Orchiopexy, inguinal approach, with or without hernia repair		X	
54650	Orchiopexy, abdominal approach, for intra-abdominal testis (eg, Fowler-Stephens)	X		
54660	Insertion of testicular prosthesis (separate procedure)			X
54670	Suture or repair of testicular injury			X
54680	Transplantation of testis(es) to thigh (because of scrotal destruction)		X	
54690	Laparoscopy, surgical; orchiectomy	X		
54692	Laparoscopy, surgical; orchiopexy for intra-abdominal testis	X		
54700	Incision and drainage of epididymis, testis and/or scrotal space (eg, abscess or hematoma)			X
54800	Biopsy of epididymis, needle			X
54830	Excision of local lesion of epididymis			X
54840	Excision of spermatocele, with or without epididymectomy			X
54860	Epididymectomy; unilateral			X
54861	Epididymectomy; bilateral			X
54865	Exploration of epididymis, with or without biopsy			X
54900	Epididymovasostomy, anastomosis of epididymis to vas deferens; unilateral	X		
54901	Epididymovasostomy, anastomosis of epididymis to vas deferens; bilateral	X		
55000	Puncture aspiration of hydrocele, tunica vaginalis, with or without injection of medication			X
55040	Excision of hydrocele; unilateral			X
55041	Excision of hydrocele; bilateral			X
55060	Repair of tunica vaginalis hydrocele (Bottle type)			X
55100	Drainage of scrotal wall abscess			X

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55110	Scrotal exploration			X
55120	Removal of foreign body in scrotum		X	
55150	Resection of scrotum		X	
55175	Scrotoplasty; simple		X	
55180	Scrotoplasty; complicated	X		
55200	Vasotomy, cannulization with or without incision of vas, unilateral or bilateral (separate procedure)			X
55250	Vasectomy, unilateral or bilateral (separate procedure), including postoperative semen examination(s)			X
55300	Vasotomy for vasograms, seminal vesiculograms, or epididymograms, unilateral or bilateral			X
55400	Vasovasostomy, vasovasorrhaphy	X		
55450	Ligation (percutaneous) of vas deferens, unilateral or bilateral (separate procedure)			X
55500	Excision of hydrocele of spermatic cord, unilateral (separate procedure)			X
55520	Excision of lesion of spermatic cord (separate procedure)		X	
55530	Excision of varicocele or ligation of spermatic veins for varicocele; (separate procedure)			X
55535	Excision of varicocele or ligation of spermatic veins for varicocele; abdominal approach	X		
55540	Excision of varicocele or ligation of spermatic veins for varicocele; with hernia repair		X	
55550	Laparoscopy, surgical, with ligation of spermatic veins for varicocele	X		
55600	Vesiculotomy;	X		
55605	Vesiculotomy; complicated	X		
55650	Vesiculectomy, any approach	X		
55680	Excision of Mullerian duct cyst	X		
55700	Biopsy, prostate; needle or punch, single or multiple, any approach			X
55705	Biopsy, prostate; incisional, any approach	X		
55706	Biopsies, prostate, needle, transperineal, stereotactic template guided saturation sampling, including imaging guidance			X
55720	Prostatotomy, external drainage of prostatic abscess, any approach; simple	X		
55725	Prostatotomy, external drainage of prostatic abscess, any approach; complicated	X		
55801	Prostatectomy, perineal, subtotal (including control of postoperative bleeding, vasectomy, meatotomy, urethral calibration and/or dilation, and internal urethrotomy)	X		
55810	Prostatectomy, perineal radical;	X		
55812	Prostatectomy, perineal radical; with lymph node biopsy(s) (limited pelvic lymphadenectomy)	X		
55815	Prostatectomy, perineal radical; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric and obturator nodes	X		
55821	Prostatectomy (including control of postoperative bleeding, vasectomy, meatotomy, urethral calibration and/or dilation, and internal urethrotomy); suprapubic, subtotal, 1 or 2 stages	X		
55831	Prostatectomy (including control of postoperative bleeding, vasectomy, meatotomy, urethral calibration and/or dilation, and internal urethrotomy); retropubic, subtotal	X		
55840	Prostatectomy, retropubic radical, with or without nerve sparing;	X		

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55842	Prostatectomy, retropubic radical, with or without nerve sparing; with lymph node biopsy(s) (limited pelvic lymphadenectomy)	X		
55845	Prostatectomy, retropubic radical, with or without nerve sparing; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes	X		
55860	Exposure of prostate, any approach, for insertion of radioactive substance;	X		
55862	Exposure of prostate, any approach, for insertion of radioactive substance; with lymph node biopsy(s) (limited pelvic lymphadenectomy)	X		
55865	Exposure of prostate, any approach, for insertion of radioactive substance; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric and obturator nodes	X		
55866	Laparoscopy, surgical prostatectomy, retropubic radical, including nerve sparing, includes robotic assistance, when performed	X		
55870	Electroejaculation			X
55873	Cryosurgical ablation of the prostate (includes ultrasonic guidance and monitoring)		X	
55875	Transperineal placement of needles or catheters into prostate for interstitial radioelement application, with or without cystoscopy		X	
55876	Placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), prostate (via needle, any approach), single or multiple		X	
55920	Placement of needles or catheters into pelvic organs and/or genitalia (except prostate) for subsequent interstitial radioelement application		X	
55970	Intersex surgery; male to female	X		
55980	Intersex surgery; female to male	X		
56405	Incision and drainage of vulva or perineal abscess			X
56420	Incision and drainage of Bartholin's gland abscess			X
56440	Marsupialization of Bartholin's gland cyst			X
56441	Lysis of labial adhesions			X
56442	Hymenotomy, simple incision			X
56501	Destruction of lesion(s), vulva; simple (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery)			X
56515	Destruction of lesion(s), vulva; extensive (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery)		X	
56605	Biopsy of vulva or perineum (separate procedure); 1 lesion			X
56606	Biopsy of vulva or perineum (separate procedure); each separate additional lesion (List separately in addition to code for primary procedure)			X
56620	Vulvectomy simple; partial		X	
56625	Vulvectomy simple; complete	X		
56630	Vulvectomy, radical, partial;	X		
56631	Vulvectomy, radical, partial; with unilateral inguofemoral lymphadenectomy	X		
56632	Vulvectomy, radical, partial; with bilateral inguofemoral lymphadenectomy	X		
56633	Vulvectomy, radical, complete;	X		
56634	Vulvectomy, radical, complete; with unilateral inguofemoral lymphadenectomy	X		
56637	Vulvectomy, radical, complete; with bilateral inguofemoral lymphadenectomy	X		
56640	Vulvectomy, radical, complete, with inguofemoral, iliac, and pelvic lymphadenectomy	X		
56700	Partial hymenectomy or revision of hymenal ring	X		
56740	Excision of Bartholin's gland or cyst		X	

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
56800	Plastic repair of introitus		X	
56805	Clitoroplasty for intersex state	X		
56810	Perineoplasty, repair of perineum, nonobstetrical (separate procedure)		X	
56820	Colposcopy of the vulva;			X
56821	Colposcopy of the vulva; with biopsy(s)			X
57000	Colpotomy; with exploration		X	
57010	Colpotomy; with drainage of pelvic abscess		X	
57020	Colpocentesis (separate procedure)			X
57022	Incision and drainage of vaginal hematoma; obstetrical/postpartum		X	
57023	Incision and drainage of vaginal hematoma; non-obstetrical (eg, post-trauma, spontaneous bleeding)		X	
57061	Destruction of vaginal lesion(s); simple (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery)			X
57065	Destruction of vaginal lesion(s); extensive (eg, laser surgery, electrosurgery, cryosurgery, chemosurgery)		X	
57100	Biopsy of vaginal mucosa; simple (separate procedure)			X
57105	Biopsy of vaginal mucosa; extensive, requiring suture (including cysts)		X	
57106	Vaginectomy, partial removal of vaginal wall;	X		
57107	Vaginectomy, partial removal of vaginal wall; with removal of paravaginal tissue (radical vaginectomy)	X		
57109	Vaginectomy, partial removal of vaginal wall; with removal of paravaginal tissue (radical vaginectomy) with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling (biopsy)	X		
57110	Vaginectomy, complete removal of vaginal wall;	X		
57111	Vaginectomy, complete removal of vaginal wall; with removal of paravaginal tissue (radical vaginectomy)	X		
57112	Vaginectomy, complete removal of vaginal wall; with removal of paravaginal tissue (radical vaginectomy) with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling (biopsy)	X		
57120	Colpocleisis (Le Fort type)	X		
57130	Excision of vaginal septum		X	
57135	Excision of vaginal cyst or tumor		X	
57150	Irrigation of vagina and/or application of medicament for treatment of bacterial, parasitic, or fungoid disease			X
57155	Insertion of uterine tandem and/or vaginal ovoids for clinical brachytherapy		X	
57156	Insertion of a vaginal radiation afterloading apparatus for clinical brachytherapy		X	
57160	Fitting and insertion of pessary or other intravaginal support device			X
57170	Diaphragm or cervical cap fitting with instructions			X
57180	Introduction of any hemostatic agent or pack for spontaneous or traumatic nonobstetrical vaginal hemorrhage (separate procedure)			X
57200	Colporrhaphy, suture of injury of vagina (nonobstetrical)		X	
57210	Colpoperineorrhaphy, suture of injury of vagina and/or perineum (nonobstetrical)		X	
57220	Plastic operation on urethral sphincter, vaginal approach (eg, Kelly urethral plication)	X		
57230	Plastic repair of urethrocele		X	

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57240	Anterior colporrhaphy, repair of cystocele with or without repair of urethrocele	X		
57250	Posterior colporrhaphy, repair of rectocele with or without perineorrhaphy	X		
57260	Combined anteroposterior colporrhaphy;	X		
57265	Combined anteroposterior colporrhaphy; with enterocele repair	X		
57267	Insertion of mesh or other prosthesis for repair of pelvic floor defect, each site (anterior, posterior compartment), vaginal approach (List separately in addition to code for primary procedure)	X		
57268	Repair of enterocele, vaginal approach (separate procedure)	X		
57270	Repair of enterocele, abdominal approach (separate procedure)	X		
57280	Colpopexy, abdominal approach	X		
57282	Colpopexy, vaginal; extra-peritoneal approach (sacrospinous, iliococcygeus)	X		
57283	Colpopexy, vaginal; intra-peritoneal approach (uterosacral, levator myorrhaphy)	X		
57284	Paravaginal defect repair (including repair of cystocele, if performed); open abdominal approach	X		
57285	Paravaginal defect repair (including repair of cystocele, if performed); vaginal approach	X		
57287	Removal or revision of sling for stress incontinence (eg, fascia or synthetic)	X		
57288	Sling operation for stress incontinence (eg, fascia or synthetic)	X		
57289	Pereyra procedure, including anterior colporrhaphy	X		
57291	Construction of artificial vagina; without graft	X		
57292	Construction of artificial vagina; with graft	X		
57295	Revision (including removal) of prosthetic vaginal graft; vaginal approach	X		
57296	Revision (including removal) of prosthetic vaginal graft; open abdominal approach	X		
57300	Closure of rectovaginal fistula; vaginal or transanal approach	X		
57305	Closure of rectovaginal fistula; abdominal approach	X		
57307	Closure of rectovaginal fistula; abdominal approach, with concomitant colostomy	X		
57308	Closure of rectovaginal fistula; transperineal approach, with perineal body reconstruction, with or without levator plication	X		
57310	Closure of urethrovaginal fistula;	X		
57311	Closure of urethrovaginal fistula; with bulbo cavernosus transplant	X		
57320	Closure of vesicovaginal fistula; vaginal approach	X		
57330	Closure of vesicovaginal fistula; transvesical and vaginal approach	X		
57335	Vaginoplasty for intersex state	X		
57400	Dilation of vagina under anesthesia (other than local)		X	
57410	Pelvic examination under anesthesia (other than local)			X
57415	Removal of impacted vaginal foreign body (separate procedure) under anesthesia (other than local)			X
57420	Colposcopy of the entire vagina, with cervix if present;			X
57421	Colposcopy of the entire vagina, with cervix if present; with biopsy(s) of vagina/cervix			X
57423	Paravaginal defect repair (including repair of cystocele, if performed), laparoscopic approach	X		
57425	Laparoscopy, surgical, colpopexy (suspension of vaginal apex)	X		
57426	Revision (including removal) of prosthetic vaginal graft, laparoscopic approach	X		

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57452	Colposcopy of the cervix including upper/adjacent vagina;			X
57454	Colposcopy of the cervix including upper/adjacent vagina; with biopsy(s) of the cervix and endocervical curettage			X
57455	Colposcopy of the cervix including upper/adjacent vagina; with biopsy(s) of the cervix			X
57456	Colposcopy of the cervix including upper/adjacent vagina; with endocervical curettage			X
57460	Colposcopy of the cervix including upper/adjacent vagina; with loop electrode biopsy(s) of the cervix			X
57461	Colposcopy of the cervix including upper/adjacent vagina; with loop electrode conization of the cervix			X
57500	Biopsy of cervix, single or multiple, or local excision of lesion, with or without fulguration (separate procedure)			X
57505	Endocervical curettage (not done as part of a dilation and curettage)			X
57510	Cautery of cervix; electro or thermal			X
57511	Cautery of cervix; cryocautery, initial or repeat			X
57513	Cautery of cervix; laser ablation			X
57520	Conization of cervix, with or without fulguration, with or without dilation and curettage, with or without repair; cold knife or laser		X	
57522	Conization of cervix, with or without fulguration, with or without dilation and curettage, with or without repair; loop electrode excision			X
57530	Trachelectomy (cervicectomy), amputation of cervix (separate procedure)	X		
57531	Radical trachelectomy, with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling biopsy, with or without removal of tube(s), with or without removal of ovary(s)	X		
57540	Excision of cervical stump, abdominal approach;	X		
57545	Excision of cervical stump, abdominal approach; with pelvic floor repair	X		
57550	Excision of cervical stump, vaginal approach;	X		
57555	Excision of cervical stump, vaginal approach; with anterior and/or posterior repair	X		
57556	Excision of cervical stump, vaginal approach; with repair of enterocele	X		
57558	Dilation and curettage of cervical stump			X
57700	Cerclage of uterine cervix, nonobstetrical		X	
57720	Trachelorrhaphy, plastic repair of uterine cervix, vaginal approach		X	
57800	Dilation of cervical canal, instrumental (separate procedure)			X
58100	Endometrial sampling (biopsy) with or without endocervical sampling (biopsy), without cervical dilation, any method (separate procedure)			X
58110	Endometrial sampling (biopsy) performed in conjunction with colposcopy (List separately in addition to code for primary procedure)			X
58120	Dilation and curettage, diagnostic and/or therapeutic (nonobstetrical)			X
58140	Myomectomy, excision of fibroid tumor(s) of uterus, 1 to 4 intramural myoma(s) with total weight of 250 g or less and/or removal of surface myomas; abdominal approach	X		
58145	Myomectomy, excision of fibroid tumor(s) of uterus, 1 to 4 intramural myoma(s) with total weight of 250 g or less and/or removal of surface myomas; vaginal approach	X		
58146	Myomectomy, excision of fibroid tumor(s) of uterus, 5 or more intramural myomas and/or intramural myomas with total weight greater than 250 g, abdominal approach	X		
58150	Total abdominal hysterectomy (corpus and cervix), with or without removal of tube(s), with or without removal of ovary(s);	X		

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58152	Total abdominal hysterectomy (corpus and cervix), with or without removal of tube(s), with or without removal of ovary(s); with colpo-urethrocystopexy (eg, Marshall-Marchetti-Krantz, Burch)	X		
58180	Supracervical abdominal hysterectomy (subtotal hysterectomy), with or without removal of tube(s), with or without removal of ovary(s)	X		
58200	Total abdominal hysterectomy, including partial vaginectomy, with para-aortic and pelvic lymph node sampling, with or without removal of tube(s), with or without removal of ovary(s)	X		
58210	Radical abdominal hysterectomy, with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling (biopsy), with or without removal of tube(s), with or without removal of ovary(s)	X		
58240	Pelvic exenteration for gynecologic malignancy, with total abdominal hysterectomy or cervicectomy, with or without removal of tube(s), with or without removal of ovary(s), with removal of bladder and ureteral transplantations, and/or abdominoperineal resection of rectum and colon and colostomy, or any combination thereof	X		
58260	Vaginal hysterectomy, for uterus 250 g or less;	X		
58262	Vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s), and/or ovary(s)	X		
58263	Vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s), and/or ovary(s), with repair of enterocele	X		
58267	Vaginal hysterectomy, for uterus 250 g or less; with colpo-urethrocystopexy (Marshall-Marchetti-Krantz type, Pereyra type) with or without endoscopic control	X		
58270	Vaginal hysterectomy, for uterus 250 g or less; with repair of enterocele	X		
58275	Vaginal hysterectomy, with total or partial vaginectomy;	X		
58280	Vaginal hysterectomy, with total or partial vaginectomy; with repair of enterocele	X		
58285	Vaginal hysterectomy, radical (Schauta type operation)	X		
58290	Vaginal hysterectomy, for uterus greater than 250 g;	X		
58291	Vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	X		
58292	Vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s), with repair of enterocele	X		
58293	Vaginal hysterectomy, for uterus greater than 250 g; with colpo-urethrocystopexy (Marshall-Marchetti-Krantz type, Pereyra type) with or without endoscopic control	X		
58294	Vaginal hysterectomy, for uterus greater than 250 g; with repair of enterocele	X		
58300	Insertion of intrauterine device (IUD)			X
58301	Removal of intrauterine device (IUD)			X
58321	Artificial insemination; intra-cervical			X
58322	Artificial insemination; intra-uterine			X
58323	Sperm washing for artificial insemination			X
58340	Catheterization and introduction of saline or contrast material for saline infusion sonohysterography (SIS) or hysterosalpingography			X
58345	Transcervical introduction of fallopian tube catheter for diagnosis and/or re-establishing patency (any method), with or without hysterosalpingography		X	
58346	Insertion of Heyman capsules for clinical brachytherapy			X
58350	Chromotubation of oviduct, including materials			X
58353	Endometrial ablation, thermal, without hysteroscopic guidance		X	

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58356	Endometrial cryoablation with ultrasonic guidance, including endometrial curettage, when performed			X
58400	Uterine suspension, with or without shortening of round ligaments, with or without shortening of sacrouterine ligaments; (separate procedure)	X		
58410	Uterine suspension, with or without shortening of round ligaments, with or without shortening of sacrouterine ligaments; with presacral sympathectomy	X		
58520	Hysterorrhaphy, repair of ruptured uterus (nonobstetrical)	X		
58540	Hysteroplasty, repair of uterine anomaly (Strassman type)	X		
58541	Laparoscopy, surgical, supracervical hysterectomy, for uterus 250 g or less;	X		
58542	Laparoscopy, surgical, supracervical hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	X		
58543	Laparoscopy, surgical, supracervical hysterectomy, for uterus greater than 250 g;	X		
58544	Laparoscopy, surgical, supracervical hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	X		
58545	Laparoscopy, surgical, myomectomy, excision; 1 to 4 intramural myomas with total weight of 250 g or less and/or removal of surface myomas	X		
58546	Laparoscopy, surgical, myomectomy, excision; 5 or more intramural myomas and/or intramural myomas with total weight greater than 250 g	X		
58548	Laparoscopy, surgical, with radical hysterectomy, with bilateral total pelvic lymphadenectomy and para-aortic lymph node sampling (biopsy), with removal of tube(s) and ovary(s), if performed	X		
58550	Laparoscopy, surgical, with vaginal hysterectomy, for uterus 250 g or less;	X		
58552	Laparoscopy, surgical, with vaginal hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	X		
58553	Laparoscopy, surgical, with vaginal hysterectomy, for uterus greater than 250 g;	X		
58554	Laparoscopy, surgical, with vaginal hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	X		
58555	Hysteroscopy, diagnostic (separate procedure)			X
58558	Hysteroscopy, surgical; with sampling (biopsy) of endometrium and/or polypectomy, with or without D & C			X
58559	Hysteroscopy, surgical; with lysis of intrauterine adhesions (any method)		X	
58560	Hysteroscopy, surgical; with division or resection of intrauterine septum (any method)		X	
58561	Hysteroscopy, surgical; with removal of leiomyomata		X	
58562	Hysteroscopy, surgical; with removal of impacted foreign body			X
58563	Hysteroscopy, surgical; with endometrial ablation (eg, endometrial resection, electrosurgical ablation, thermoablation)		X	
58565	Hysteroscopy, surgical; with bilateral fallopian tube cannulation to induce occlusion by placement of permanent implants	X		
58570	Laparoscopy, surgical, with total hysterectomy, for uterus 250 g or less;	X		
58571	Laparoscopy, surgical, with total hysterectomy, for uterus 250 g or less; with removal of tube(s) and/or ovary(s)	X		
58572	Laparoscopy, surgical, with total hysterectomy, for uterus greater than 250 g;	X		
58573	Laparoscopy, surgical, with total hysterectomy, for uterus greater than 250 g; with removal of tube(s) and/or ovary(s)	X		
58600	Ligation or transection of fallopian tube(s), abdominal or vaginal approach, unilateral or bilateral		X	

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58605	Ligation or transection of fallopian tube(s), abdominal or vaginal approach, postpartum, unilateral or bilateral, during same hospitalization (separate procedure)		X	
58611	Ligation or transection of fallopian tube(s) when done at the time of cesarean delivery or intra-abdominal surgery (not a separate procedure) (List separately in addition to code for primary procedure)	X		
58615	Occlusion of fallopian tube(s) by device (eg, band, clip, Falope ring) vaginal or suprapubic approach		X	
58660	Laparoscopy, surgical; with lysis of adhesions (salpingolysis, ovariolysis) (separate procedure)		X	
58661	Laparoscopy, surgical; with removal of adnexal structures (partial or total oophorectomy and/or salpingectomy)	X		
58662	Laparoscopy, surgical; with fulguration or excision of lesions of the ovary, pelvic viscera, or peritoneal surface by any method		X	
58670	Laparoscopy, surgical; with fulguration of oviducts (with or without transection)		X	
58671	Laparoscopy, surgical; with occlusion of oviducts by device (eg, band, clip, or Falope ring)		X	
58672	Laparoscopy, surgical; with fimbrioplasty		X	
58673	Laparoscopy, surgical; with salpingostomy (salpingoneostomy)		X	
58700	Salpingectomy, complete or partial, unilateral or bilateral (separate procedure)		X	
58720	Salpingo-oophorectomy, complete or partial, unilateral or bilateral (separate procedure)	X		
58740	Lysis of adhesions (salpingolysis, ovariolysis)		X	
58750	Tubotubal anastomosis	X		
58752	Tubouterine implantation	X		
58760	Fimbrioplasty	X		
58770	Salpingostomy (salpingoneostomy)	X		
58800	Drainage of ovarian cyst(s), unilateral or bilateral (separate procedure); vaginal approach		X	
58805	Drainage of ovarian cyst(s), unilateral or bilateral (separate procedure); abdominal approach	X		
58820	Drainage of ovarian abscess; vaginal approach, open		X	
58822	Drainage of ovarian abscess; abdominal approach	X		
58825	Transposition, ovary(s)	X		
58900	Biopsy of ovary, unilateral or bilateral (separate procedure)		X	
58920	Wedge resection or bisection of ovary, unilateral or bilateral		X	
58925	Ovarian cystectomy, unilateral or bilateral	X		
58940	Oophorectomy, partial or total, unilateral or bilateral;	X		
58943	Oophorectomy, partial or total, unilateral or bilateral; for ovarian, tubal or primary peritoneal malignancy, with para-aortic and pelvic lymph node biopsies, peritoneal washings, peritoneal biopsies, diaphragmatic assessments, with or without salpingectomy(s), with or without omentectomy	X		
58950	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy;	X		
58951	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy; with total abdominal hysterectomy, pelvic and limited para-aortic lymphadenectomy	X		

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58952	Resection (initial) of ovarian, tubal or primary peritoneal malignancy with bilateral salpingo-oophorectomy and omentectomy; with radical dissection for debulking (ie, radical excision or destruction, intra-abdominal or retroperitoneal tumors)	X		
58953	Bilateral salpingo-oophorectomy with omentectomy, total abdominal hysterectomy and radical dissection for debulking;	X		
58954	Bilateral salpingo-oophorectomy with omentectomy, total abdominal hysterectomy and radical dissection for debulking; with pelvic lymphadenectomy and limited para-aortic lymphadenectomy	X		
58956	Bilateral salpingo-oophorectomy with total omentectomy, total abdominal hysterectomy for malignancy	X		
58957	Resection (tumor debulking) of recurrent ovarian, tubal, primary peritoneal, uterine malignancy (intra-abdominal, retroperitoneal tumors), with omentectomy, if performed;	X		
58958	Resection (tumor debulking) of recurrent ovarian, tubal, primary peritoneal, uterine malignancy (intra-abdominal, retroperitoneal tumors), with omentectomy, if performed; with pelvic lymphadenectomy and limited para-aortic lymphadenectomy	X	O	
58960	Laparotomy, for staging or restaging of ovarian, tubal, or primary peritoneal malignancy (second look), with or without omentectomy, peritoneal washing, biopsy of abdominal and pelvic peritoneum, diaphragmatic assessment with pelvic and limited para-aortic lymphadenectomy	X		
58970	Follicle puncture for oocyte retrieval, any method		X	
58974	Embryo transfer, intrauterine			X
58976	Gamete, zygote, or embryo intrafallopian transfer, any method		X	
59000	Amniocentesis; diagnostic			X
59001	Amniocentesis; therapeutic amniotic fluid reduction (includes ultrasound guidance)		X	
59012	Cordocentesis (intrauterine), any method		X	
59015	Chorionic villus sampling, any method		X	
59020	Fetal contraction stress test			X
59025	Fetal non-stress test			X
59030	Fetal scalp blood sampling			X
59050	Fetal monitoring during labor by consulting physician (ie, non-attending physician) with written report; supervision and interpretation			X
59051	Fetal monitoring during labor by consulting physician (ie, non-attending physician) with written report; interpretation only			X
59070	Transabdominal amnioinfusion, including ultrasound guidance			X
59072	Fetal umbilical cord occlusion, including ultrasound guidance		X	
59074	Fetal fluid drainage (eg, vesicocentesis, thoracocentesis, paracentesis), including ultrasound guidance		X	
59076	Fetal shunt placement, including ultrasound guidance		X	
59100	Hysterotomy, abdominal (eg, for hydatidiform mole, abortion)	X		
59120	Surgical treatment of ectopic pregnancy; tubal or ovarian, requiring salpingectomy and/or oophorectomy, abdominal or vaginal approach	X		
59121	Surgical treatment of ectopic pregnancy; tubal or ovarian, without salpingectomy and/or oophorectomy	X		
59130	Surgical treatment of ectopic pregnancy; abdominal pregnancy	X		
59135	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy requiring total hysterectomy	X		

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59136	Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy with partial resection of uterus	X		
59140	Surgical treatment of ectopic pregnancy; cervical, with evacuation	X		
59150	Laparoscopic treatment of ectopic pregnancy; without salpingectomy and/or oophorectomy	X		
59151	Laparoscopic treatment of ectopic pregnancy; with salpingectomy and/or oophorectomy	X		
59160	Curettage, postpartum			X
59200	Insertion of cervical dilator (eg, laminaria, prostaglandin) (separate procedure)			X
59300	Episiotomy or vaginal repair, by other than attending			X
59320	Cerclage of cervix, during pregnancy; vaginal		X	
59325	Cerclage of cervix, during pregnancy; abdominal	X		
59350	Hysterorrhaphy of ruptured uterus	X		
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care			X
59409	Vaginal delivery only (with or without episiotomy and/or forceps);			X
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care			X
59412	External cephalic version, with or without tocolysis			X
59414	Delivery of placenta (separate procedure)			X
59425	Antepartum care only; 4-6 visits			X
59426	Antepartum care only; 7 or more visits			X
59430	Postpartum care only (separate procedure)			X
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care	X		
59514	Cesarean delivery only;	X		
59515	Cesarean delivery only; including postpartum care	X		
59525	Subtotal or total hysterectomy after cesarean delivery (List separately in addition to code for primary procedure)	X		
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery			X
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);			X
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care			X
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	X		
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	X		
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	X		
59812	Treatment of incomplete abortion, any trimester, completed surgically			X
59820	Treatment of missed abortion, completed surgically; first trimester			X
59821	Treatment of missed abortion, completed surgically; second trimester			X
59830	Treatment of septic abortion, completed surgically			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
59840	Induced abortion, by dilation and curettage			X
59841	Induced abortion, by dilation and evacuation			X
59850	Induced abortion, by 1 or more intra-amniotic injections (amniocentesis-injections), including hospital admission and visits, delivery of fetus and secundines;			X
59851	Induced abortion, by 1 or more intra-amniotic injections (amniocentesis-injections), including hospital admission and visits, delivery of fetus and secundines; with dilation and curettage and/or evacuation			X
59852	Induced abortion, by 1 or more intra-amniotic injections (amniocentesis-injections), including hospital admission and visits, delivery of fetus and secundines; with hysterotomy (failed intra-amniotic injection)			X
59855	Induced abortion, by 1 or more vaginal suppositories (eg, prostaglandin) with or without cervical dilation (eg, laminaria), including hospital admission and visits, delivery of fetus and secundines;			X
59856	Induced abortion, by 1 or more vaginal suppositories (eg, prostaglandin) with or without cervical dilation (eg, laminaria), including hospital admission and visits, delivery of fetus and secundines; with dilation and curettage and/or evacuation			X
59857	Induced abortion, by 1 or more vaginal suppositories (eg, prostaglandin) with or without cervical dilation (eg, laminaria), including hospital admission and visits, delivery of fetus and secundines; with hysterotomy (failed medical evacuation)	X		
59866	Multifetal pregnancy reduction(s) (MPR)			X
59870	Uterine evacuation and curettage for hydatidiform mole		X	
59871	Removal of cerclage suture under anesthesia (other than local)		X	
60000	Incision and drainage of thyroglossal duct cyst, infected		X	
60100	Biopsy thyroid, percutaneous core needle			X
60200	Excision of cyst or adenoma of thyroid, or transection of isthmus	X		
60210	Partial thyroid lobectomy, unilateral; with or without isthmusectomy	X		
60212	Partial thyroid lobectomy, unilateral; with contralateral subtotal lobectomy, including isthmusectomy	X		
60220	Total thyroid lobectomy, unilateral; with or without isthmusectomy	X		
60225	Total thyroid lobectomy, unilateral; with contralateral subtotal lobectomy, including isthmusectomy	X		
60240	Thyroidectomy, total or complete	X		
60252	Thyroidectomy, total or subtotal for malignancy; with limited neck dissection	X		
60254	Thyroidectomy, total or subtotal for malignancy; with radical neck dissection	X		
60260	Thyroidectomy, removal of all remaining thyroid tissue following previous removal of a portion of thyroid	X		
60270	Thyroidectomy, including substernal thyroid; sternal split or transthoracic approach	X		
60271	Thyroidectomy, including substernal thyroid; cervical approach	X		
60280	Excision of thyroglossal duct cyst or sinus;	X		
60281	Excision of thyroglossal duct cyst or sinus; recurrent	X		
60300	Aspiration and/or injection, thyroid cyst			X
60500	Parathyroidectomy or exploration of parathyroid(s);	X		
60502	Parathyroidectomy or exploration of parathyroid(s); re-exploration	X		
60505	Parathyroidectomy or exploration of parathyroid(s); with mediastinal exploration, sternal split or transthoracic approach	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
60512	Parathyroid autotransplantation (List separately in addition to code for primary procedure)	X		
60520	Thymectomy, partial or total; transcervical approach (separate procedure)	X		
60521	Thymectomy, partial or total; sternal split or transthoracic approach, without radical mediastinal dissection (separate procedure)	X		
60522	Thymectomy, partial or total; sternal split or transthoracic approach, with radical mediastinal dissection (separate procedure)	X	O	
60540	Adrenalectomy, partial or complete, or exploration of adrenal gland with or without biopsy, transabdominal, lumbar or dorsal (separate procedure);	X		
60545	Adrenalectomy, partial or complete, or exploration of adrenal gland with or without biopsy, transabdominal, lumbar or dorsal (separate procedure); with excision of adjacent retroperitoneal tumor	X		
60600	Excision of carotid body tumor; without excision of carotid artery	X		
60605	Excision of carotid body tumor; with excision of carotid artery	X		
60650	Laparoscopy, surgical, with adrenalectomy, partial or complete, or exploration of adrenal gland with or without biopsy, transabdominal, lumbar or dorsal	X		
61000	Subdural tap through fontanelle, or suture, infant, unilateral or bilateral; initial			X
61001	Subdural tap through fontanelle, or suture, infant, unilateral or bilateral; subsequent taps			X
61020	Ventricular puncture through previous burr hole, fontanelle, suture, or implanted ventricular catheter/reservoir; without injection			X
61026	Ventricular puncture through previous burr hole, fontanelle, suture, or implanted ventricular catheter/reservoir; with injection of medication or other substance for diagnosis or treatment			X
61050	Cisternal or lateral cervical (C1-C2) puncture; without injection (separate procedure)			X
61055	Cisternal or lateral cervical (C1-C2) puncture; with injection of medication or other substance for diagnosis or treatment			X
61070	Puncture of shunt tubing or reservoir for aspiration or injection procedure			X
61105	Twist drill hole for subdural or ventricular puncture			X
61107	Twist drill hole(s) for subdural, intracerebral, or ventricular puncture; for implanting ventricular catheter, pressure recording device, or other intracerebral monitoring device			X
61108	Twist drill hole(s) for subdural, intracerebral, or ventricular puncture; for evacuation and/or drainage of subdural hematoma			X
61120	Burr hole(s) for ventricular puncture (including injection of gas, contrast media, dye, or radioactive material)			X
61140	Burr hole(s) or trephine; with biopsy of brain or intracranial lesion		X	
61150	Burr hole(s) or trephine; with drainage of brain abscess or cyst		X	
61151	Burr hole(s) or trephine; with subsequent tapping (aspiration) of intracranial abscess or cyst			X
61154	Burr hole(s) with evacuation and/or drainage of hematoma, extradural or subdural		X	
61156	Burr hole(s); with aspiration of hematoma or cyst, intracerebral		X	
61210	Burr hole(s); for implanting ventricular catheter, reservoir, EEG electrode(s), pressure recording device, or other cerebral monitoring device (separate procedure)		X	
61215	Insertion of subcutaneous reservoir, pump or continuous infusion system for connection to ventricular catheter			X

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61250	Burr hole(s) or trephine, supratentorial, exploratory, not followed by other surgery		X	
61253	Burr hole(s) or trephine, infratentorial, unilateral or bilateral		X	
61304	Craniectomy or craniotomy, exploratory; supratentorial	X		
61305	Craniectomy or craniotomy, exploratory; infratentorial (posterior fossa)	X		
61312	Craniectomy or craniotomy for evacuation of hematoma, supratentorial; extradural or subdural	X		
61313	Craniectomy or craniotomy for evacuation of hematoma, supratentorial; intracerebral	X		
61314	Craniectomy or craniotomy for evacuation of hematoma, infratentorial; extradural or subdural	X		
61315	Craniectomy or craniotomy for evacuation of hematoma, infratentorial; intracerebellar	X		
61316	Incision and subcutaneous placement of cranial bone graft (List separately in addition to code for primary procedure)		X	
61320	Craniectomy or craniotomy, drainage of intracranial abscess; supratentorial	X		
61321	Craniectomy or craniotomy, drainage of intracranial abscess; infratentorial	X		
61322	Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; without lobectomy	X		
61323	Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; with lobectomy	X		
61330	Decompression of orbit only, transcranial approach	X		
61332	Exploration of orbit (transcranial approach); with biopsy	X		
61333	Exploration of orbit (transcranial approach); with removal of lesion	X		
61340	Subtemporal cranial decompression (pseudotumor cerebri, slit ventricle syndrome)	X		
61343	Craniectomy, suboccipital with cervical laminectomy for decompression of medulla and spinal cord, with or without dural graft (eg, Arnold-Chiari malformation)	X		
61345	Other cranial decompression, posterior fossa	X		
61450	Craniectomy, subtemporal, for section, compression, or decompression of sensory root of gasserian ganglion	X		
61458	Craniectomy, suboccipital; for exploration or decompression of cranial nerves	X		
61460	Craniectomy, suboccipital; for section of 1 or more cranial nerves	X		
61480	Craniectomy, suboccipital; for mesencephalic tractotomy or pedunculotomy	X		
61500	Craniectomy; with excision of tumor or other bone lesion of skull	X		
61501	Craniectomy; for osteomyelitis	X		
61510	Craniectomy, trephination, bone flap craniotomy; for excision of brain tumor, supratentorial, except meningioma	X		
61512	Craniectomy, trephination, bone flap craniotomy; for excision of meningioma, supratentorial	X		
61514	Craniectomy, trephination, bone flap craniotomy; for excision of brain abscess, supratentorial	X		
61516	Craniectomy, trephination, bone flap craniotomy; for excision or fenestration of cyst, supratentorial	X		
61517	Implantation of brain intracavitary chemotherapy agent (List separately in addition to code for primary procedure)		X	

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2016 Assistant at Surgery Consensus¹				
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61518	Craniectomy for excision of brain tumor, infratentorial or posterior fossa; except meningioma, cerebellopontine angle tumor, or midline tumor at base of skull	X		
61519	Craniectomy for excision of brain tumor, infratentorial or posterior fossa; meningioma	X		
61520	Craniectomy for excision of brain tumor, infratentorial or posterior fossa; cerebellopontine angle tumor	X		
61521	Craniectomy for excision of brain tumor, infratentorial or posterior fossa; midline tumor at base of skull	X		
61522	Craniectomy, infratentorial or posterior fossa; for excision of brain abscess	X		
61524	Craniectomy, infratentorial or posterior fossa; for excision or fenestration of cyst	X		
61526	Craniectomy, bone flap craniotomy, transtemporal (mastoid) for excision of cerebellopontine angle tumor;	X		
61530	Craniectomy, bone flap craniotomy, transtemporal (mastoid) for excision of cerebellopontine angle tumor; combined with middle/posterior fossa craniotomy/craniectomy	X		
61531	Subdural implantation of strip electrodes through 1 or more burr or trephine hole(s) for long-term seizure monitoring		X	
61533	Craniotomy with elevation of bone flap; for subdural implantation of an electrode array, for long-term seizure monitoring	X		
61534	Craniotomy with elevation of bone flap; for excision of epileptogenic focus without electrocorticography during surgery	X		
61535	Craniotomy with elevation of bone flap; for removal of epidural or subdural electrode array, without excision of cerebral tissue (separate procedure)	X		
61536	Craniotomy with elevation of bone flap; for excision of cerebral epileptogenic focus, with electrocorticography during surgery (includes removal of electrode array)	X		
61537	Craniotomy with elevation of bone flap; for lobectomy, temporal lobe, without electrocorticography during surgery	X		
61538	Craniotomy with elevation of bone flap; for lobectomy, temporal lobe, with electrocorticography during surgery	X		
61539	Craniotomy with elevation of bone flap; for lobectomy, other than temporal lobe, partial or total, with electrocorticography during surgery	X		
61540	Craniotomy with elevation of bone flap; for lobectomy, other than temporal lobe, partial or total, without electrocorticography during surgery	X		
61541	Craniotomy with elevation of bone flap; for transection of corpus callosum	X		
61543	Craniotomy with elevation of bone flap; for partial or subtotal (functional) hemispherectomy	X		
61544	Craniotomy with elevation of bone flap; for excision or coagulation of choroid plexus	X		
61545	Craniotomy with elevation of bone flap; for excision of craniopharyngioma	X		
61546	Craniotomy for hypophysectomy or excision of pituitary tumor, intracranial approach	X		
61548	Hypophysectomy or excision of pituitary tumor, transnasal or transseptal approach, nonstereotactic	X		
61550	Craniectomy for craniosynostosis; single cranial suture	X		
61552	Craniectomy for craniosynostosis; multiple cranial sutures	X		
61556	Craniotomy for craniosynostosis; frontal or parietal bone flap	X		
61557	Craniotomy for craniosynostosis; bifrontal bone flap	X		
61558	Extensive craniectomy for multiple cranial suture craniosynostosis (eg, cloverleaf skull); not requiring bone grafts	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
61559	Extensive craniectomy for multiple cranial suture craniosynostosis (eg, cloverleaf skull); recontouring with multiple osteotomies and bone autografts (eg, barrel-stave procedure) (includes obtaining grafts)	X		
61563	Excision, intra and extracranial, benign tumor of cranial bone (eg, fibrous dysplasia); without optic nerve decompression	X		
61564	Excision, intra and extracranial, benign tumor of cranial bone (eg, fibrous dysplasia); with optic nerve decompression	X		
61566	Craniotomy with elevation of bone flap; for selective amygdalohippocampectomy	X		
61567	Craniotomy with elevation of bone flap; for multiple subpial transections, with electrocorticography during surgery	X		
61570	Craniectomy or craniotomy; with excision of foreign body from brain	X		
61571	Craniectomy or craniotomy; with treatment of penetrating wound of brain	X		
61575	Transoral approach to skull base, brain stem or upper spinal cord for biopsy, decompression or excision of lesion;	X		
61576	Transoral approach to skull base, brain stem or upper spinal cord for biopsy, decompression or excision of lesion; requiring splitting of tongue and/or mandible (including tracheostomy)	X		
61580	Craniofacial approach to anterior cranial fossa; extradural, including lateral rhinotomy, ethmoidectomy, sphenoidectomy, without maxillectomy or orbital exenteration	X	O	
61581	Craniofacial approach to anterior cranial fossa; extradural, including lateral rhinotomy, orbital exenteration, ethmoidectomy, sphenoidectomy and/or maxillectomy	X	O	
61582	Craniofacial approach to anterior cranial fossa; extradural, including unilateral or bifrontal craniotomy, elevation of frontal lobe(s), osteotomy of base of anterior cranial fossa	X	O	
61583	Craniofacial approach to anterior cranial fossa; intradural, including unilateral or bifrontal craniotomy, elevation or resection of frontal lobe, osteotomy of base of anterior cranial fossa	X	O	
61584	Orbitocranial approach to anterior cranial fossa, extradural, including supraorbital ridge osteotomy and elevation of frontal and/or temporal lobe(s); without orbital exenteration	X	O	
61585	Orbitocranial approach to anterior cranial fossa, extradural, including supraorbital ridge osteotomy and elevation of frontal and/or temporal lobe(s); with orbital exenteration	X	O	
61586	Bicoronal, transzygomatic and/or LeFort I osteotomy approach to anterior cranial fossa with or without internal fixation, without bone graft	X	O	
61590	Infratemporal pre-auricular approach to middle cranial fossa (parapharyngeal space, infratemporal and midline skull base, nasopharynx), with or without disarticulation of the mandible, including parotidectomy, craniotomy, decompression and/or mobilization of the facial nerve and/or petrous carotid artery	X	O	
61591	Infratemporal post-auricular approach to middle cranial fossa (internal auditory meatus, petrous apex, tentorium, cavernous sinus, parasellar area, infratemporal fossa) including mastoidectomy, resection of sigmoid sinus, with or without decompression and/or mobilization of contents of auditory canal or petrous carotid artery	X	O	
61592	Orbitocranial zygomatic approach to middle cranial fossa (cavernous sinus and carotid artery, clivus, basilar artery or petrous apex) including osteotomy of zygoma, craniotomy, extra- or intradural elevation of temporal lobe	X	O	
61595	Transtemporal approach to posterior cranial fossa, jugular foramen or midline skull base, including mastoidectomy, decompression of sigmoid sinus and/or facial nerve, with or without mobilization	X	O	

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61596	Transcochlear approach to posterior cranial fossa, jugular foramen or midline skull base, including labyrinthectomy, decompression, with or without mobilization of facial nerve and/or petrous carotid artery	X	O	
61597	Transcondylar (far lateral) approach to posterior cranial fossa, jugular foramen or midline skull base, including occipital condylectomy, mastoidectomy, resection of C1-C3 vertebral body(s), decompression of vertebral artery, with or without mobilization	X	O	
61598	Transpetrosal approach to posterior cranial fossa, clivus or foramen magnum, including ligation of superior petrosal sinus and/or sigmoid sinus	X	O	
61600	Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; extradural	X	O	
61601	Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; intradural, including dural repair, with or without graft	X	O	
61605	Resection or excision of neoplastic, vascular or infectious lesion of infratemporal fossa, parapharyngeal space, petrous apex; extradural	X	O	
61606	Resection or excision of neoplastic, vascular or infectious lesion of infratemporal fossa, parapharyngeal space, petrous apex; intradural, including dural repair, with or without graft	X	O	
61607	Resection or excision of neoplastic, vascular or infectious lesion of parasellar area, cavernous sinus, clivus or midline skull base; extradural	X		
61608	Resection or excision of neoplastic, vascular or infectious lesion of parasellar area, cavernous sinus, clivus or midline skull base; intradural, including dural repair, with or without graft	X		
61610	Transection or ligation, carotid artery in cavernous sinus, with repair by anastomosis or graft (List separately in addition to code for primary procedure)	X		
61611	Transection or ligation, carotid artery in petrous canal; without repair (List separately in addition to code for primary procedure)	X		
61612	Transection or ligation, carotid artery in petrous canal; with repair by anastomosis or graft (List separately in addition to code for primary procedure)	X		
61613	Obliteration of carotid aneurysm, arteriovenous malformation, or carotid-cavernous fistula by dissection within cavernous sinus	X		
61615	Resection or excision of neoplastic, vascular or infectious lesion of base of posterior cranial fossa, jugular foramen, foramen magnum, or C1-C3 vertebral bodies; extradural	X	O	
61616	Resection or excision of neoplastic, vascular or infectious lesion of base of posterior cranial fossa, jugular foramen, foramen magnum, or C1-C3 vertebral bodies; intradural, including dural repair, with or without graft	X	O	
61618	Secondary repair of dura for cerebrospinal fluid leak, anterior, middle or posterior cranial fossa following surgery of the skull base; by free tissue graft (eg, pericranium, fascia, tensor fascia lata, adipose tissue, homologous or synthetic grafts)	X		
61619	Secondary repair of dura for cerebrospinal fluid leak, anterior, middle or posterior cranial fossa following surgery of the skull base; by local or regionalized vascularized pedicle flap or myocutaneous flap (including galea, temporalis, frontalis or occipitalis muscle)	X		
61623	Endovascular temporary balloon arterial occlusion, head or neck (extracranial/intracranial) including selective catheterization of vessel to be occluded, positioning and inflation of occlusion balloon, concomitant neurological monitoring, and radiologic supervision and interpretation of all angiography required for balloon occlusion and to exclude vascular injury post occlusion	X		

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61624	Transcatheter permanent occlusion or embolization (eg, for tumor destruction, to achieve hemostasis, to occlude a vascular malformation), percutaneous, any method; central nervous system (intracranial, spinal cord)		X	
61626	Transcatheter permanent occlusion or embolization (eg, for tumor destruction, to achieve hemostasis, to occlude a vascular malformation), percutaneous, any method; non-central nervous system, head or neck (extracranial, brachiocephalic branch)		X	
61630	Balloon angioplasty, intracranial (eg, atherosclerotic stenosis), percutaneous	X		
61635	Transcatheter placement of intravascular stent(s), intracranial (eg, atherosclerotic stenosis), including balloon angioplasty, if performed	X		
61640	Balloon dilatation of intracranial vasospasm, percutaneous; initial vessel	X		
61641	Balloon dilatation of intracranial vasospasm, percutaneous; each additional vessel in same vascular family (List separately in addition to code for primary procedure)	X		
61642	Balloon dilatation of intracranial vasospasm, percutaneous; each additional vessel in different vascular family (List separately in addition to code for primary procedure)	X		
61645	Percutaneous arterial transluminal mechanical thrombectomy and/or infusion for thrombolysis, intracranial, any method, including diagnostic angiography, fluoroscopic guidance, catheter placement, and intraprocedural pharmacological thrombolytic injection(s)		X	
61650	Endovascular intracranial prolonged administration of pharmacologic agent(s) other than for thrombolysis, arterial, including catheter placement, diagnostic angiography, and imaging guidance; initial vascular territory			X
61651	Endovascular intracranial prolonged administration of pharmacologic agent(s) other than for thrombolysis, arterial, including catheter placement, diagnostic angiography, and imaging guidance; each additional vascular territory (List separately in addition to code for primary procedure)			X
61680	Surgery of intracranial arteriovenous malformation; supratentorial, simple	X		
61682	Surgery of intracranial arteriovenous malformation; supratentorial, complex	X		
61684	Surgery of intracranial arteriovenous malformation; infratentorial, simple	X		
61686	Surgery of intracranial arteriovenous malformation; infratentorial, complex	X		
61690	Surgery of intracranial arteriovenous malformation; dural, simple	X		
61692	Surgery of intracranial arteriovenous malformation; dural, complex	X		
61697	Surgery of complex intracranial aneurysm, intracranial approach; carotid circulation	X		
61698	Surgery of complex intracranial aneurysm, intracranial approach; vertebrobasilar circulation	X		
61700	Surgery of simple intracranial aneurysm, intracranial approach; carotid circulation	X		
61702	Surgery of simple intracranial aneurysm, intracranial approach; vertebrobasilar circulation	X		
61703	Surgery of intracranial aneurysm, cervical approach by application of occluding clamp to cervical carotid artery (Selverstone-Crutchfield type)	X		
61705	Surgery of aneurysm, vascular malformation or carotid-cavernous fistula; by intracranial and cervical occlusion of carotid artery	X		
61708	Surgery of aneurysm, vascular malformation or carotid-cavernous fistula; by intracranial electrothrombosis	X		
61710	Surgery of aneurysm, vascular malformation or carotid-cavernous fistula; by intra-arterial embolization, injection procedure, or balloon catheter	X		
61711	Anastomosis, arterial, extracranial-intracranial (eg, middle cerebral/cortical) arteries	X		

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61720	Creation of lesion by stereotactic method, including burr hole(s) and localizing and recording techniques, single or multiple stages; globus pallidus or thalamus		X	
61735	Creation of lesion by stereotactic method, including burr hole(s) and localizing and recording techniques, single or multiple stages; subcortical structure(s) other than globus pallidus or thalamus		X	
61750	Stereotactic biopsy, aspiration, or excision, including burr hole(s), for intracranial lesion;			X
61751	Stereotactic biopsy, aspiration, or excision, including burr hole(s), for intracranial lesion; with computed tomography and/or magnetic resonance guidance			X
61760	Stereotactic implantation of depth electrodes into the cerebrum for long-term seizure monitoring			X
61770	Stereotactic localization, including burr hole(s), with insertion of catheter(s) or probe(s) for placement of radiation source			X
61781	Stereotactic computer-assisted (navigational) procedure; cranial, intradural (List separately in addition to code for primary procedure)			X
61782	Stereotactic computer-assisted (navigational) procedure; cranial, extradural (List separately in addition to code for primary procedure)			X
61783	Stereotactic computer-assisted (navigational) procedure; spinal (List separately in addition to code for primary procedure)			X
61790	Creation of lesion by stereotactic method, percutaneous, by neurolytic agent (eg, alcohol, thermal, electrical, radiofrequency); gasserian ganglion			X
61791	Creation of lesion by stereotactic method, percutaneous, by neurolytic agent (eg, alcohol, thermal, electrical, radiofrequency); trigeminal medullary tract			X
61796	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 simple cranial lesion			X
61797	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional cranial lesion, simple (List separately in addition to code for primary procedure)			X
61798	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 complex cranial lesion			X
61799	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional cranial lesion, complex (List separately in addition to code for primary procedure)			X
61800	Application of stereotactic headframe for stereotactic radiosurgery (List separately in addition to code for primary procedure)			X
61850	Twist drill or burr hole(s) for implantation of neurostimulator electrodes, cortical		X	
61860	Craniectomy or craniotomy for implantation of neurostimulator electrodes, cerebral, cortical		X	
61863	Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), without use of intraoperative microelectrode recording; first array	X		
61864	Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), without use of intraoperative microelectrode recording; each additional array (List separately in addition to primary procedure)	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
61867	Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), with use of intraoperative microelectrode recording; first array	X		
61868	Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), with use of intraoperative microelectrode recording; each additional array (List separately in addition to primary procedure)	X		
61870	Craniectomy for implantation of neurostimulator electrodes, cerebellar, cortical		X	
61880	Revision or removal of intracranial neurostimulator electrodes		X	
61885	Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to a single electrode array			X
61886	Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to 2 or more electrode arrays		X	
61888	Revision or removal of cranial neurostimulator pulse generator or receiver			X
62000	Elevation of depressed skull fracture; simple, extradural		X	
62005	Elevation of depressed skull fracture; compound or comminuted, extradural	X		
62010	Elevation of depressed skull fracture; with repair of dura and/or debridement of brain	X		
62100	Craniotomy for repair of dural/cerebrospinal fluid leak, including surgery for rhinorrhea/otorrhea	X		
62115	Reduction of craniomegalic skull (eg, treated hydrocephalus); not requiring bone grafts or cranioplasty	X		
62117	Reduction of craniomegalic skull (eg, treated hydrocephalus); requiring craniotomy and reconstruction with or without bone graft (includes obtaining grafts)	X		
62120	Repair of encephalocele, skull vault, including cranioplasty	X		
62121	Craniotomy for repair of encephalocele, skull base	X		
62140	Cranioplasty for skull defect; up to 5 cm diameter	X		
62141	Cranioplasty for skull defect; larger than 5 cm diameter	X		
62142	Removal of bone flap or prosthetic plate of skull	X		
62143	Replacement of bone flap or prosthetic plate of skull	X		
62145	Cranioplasty for skull defect with reparative brain surgery	X		
62146	Cranioplasty with autograft (includes obtaining bone grafts); up to 5 cm diameter	X		
62147	Cranioplasty with autograft (includes obtaining bone grafts); larger than 5 cm diameter	X		
62148	Incision and retrieval of subcutaneous cranial bone graft for cranioplasty (List separately in addition to code for primary procedure)		X	
62160	Neuroendoscopy, intracranial, for placement or replacement of ventricular catheter and attachment to shunt system or external drainage (List separately in addition to code for primary procedure)	X		
62161	Neuroendoscopy, intracranial; with dissection of adhesions, fenestration of septum pellucidum or intraventricular cysts (including placement, replacement, or removal of ventricular catheter)	X		
62162	Neuroendoscopy, intracranial; with fenestration or excision of colloid cyst, including placement of external ventricular catheter for drainage	X		
62163	Neuroendoscopy, intracranial; with retrieval of foreign body	X		

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2016 Assistant at Surgery Consensus¹				
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62164	Neuroendoscopy, intracranial; with excision of brain tumor, including placement of external ventricular catheter for drainage	X		
62165	Neuroendoscopy, intracranial; with excision of pituitary tumor, transnasal or trans-sphenoidal approach	X		
62180	Ventriculocisternostomy (Torkildsen type operation)	X		
62190	Creation of shunt; subarachnoid/subdural-atrial, -jugular, -auricular	X		
62192	Creation of shunt; subarachnoid/subdural-peritoneal, -pleural, other terminus	X		
62194	Replacement or irrigation, subarachnoid/subdural catheter		X	
62200	Ventriculocisternostomy, third ventricle;	X		
62201	Ventriculocisternostomy, third ventricle; stereotactic, neuroendoscopic method			X
62220	Creation of shunt; ventriculo-atrial, -jugular, -auricular	X		
62223	Creation of shunt; ventriculo-peritoneal, -pleural, other terminus	X		
62225	Replacement or irrigation, ventricular catheter		X	
62230	Replacement or revision of cerebrospinal fluid shunt, obstructed valve, or distal catheter in shunt system		X	
62252	Reprogramming of programmable cerebrospinal shunt			X
62256	Removal of complete cerebrospinal fluid shunt system; without replacement		X	
62258	Removal of complete cerebrospinal fluid shunt system; with replacement by similar or other shunt at same operation	X		
62263	Percutaneous lysis of epidural adhesions using solution injection (eg, hypertonic saline, enzyme) or mechanical means (eg, catheter) including radiologic localization (includes contrast when administered), multiple adhesiolysis sessions; 2 or more days			X
62264	Percutaneous lysis of epidural adhesions using solution injection (eg, hypertonic saline, enzyme) or mechanical means (eg, catheter) including radiologic localization (includes contrast when administered), multiple adhesiolysis sessions; 1 day		X	
62267	Percutaneous aspiration within the nucleus pulposus, intervertebral disc, or paravertebral tissue for diagnostic purposes		X	
62268	Percutaneous aspiration, spinal cord cyst or syrinx			X
62269	Biopsy of spinal cord, percutaneous needle			X
62270	Spinal puncture, lumbar, diagnostic			X
62272	Spinal puncture, therapeutic, for drainage of cerebrospinal fluid (by needle or catheter)			X
62273	Injection, epidural, of blood or clot patch			X
62280	Injection/infusion of neurolytic substance (eg, alcohol, phenol, iced saline solutions), with or without other therapeutic substance; subarachnoid			X
62281	Injection/infusion of neurolytic substance (eg, alcohol, phenol, iced saline solutions), with or without other therapeutic substance; epidural, cervical or thoracic			X
62282	Injection/infusion of neurolytic substance (eg, alcohol, phenol, iced saline solutions), with or without other therapeutic substance; epidural, lumbar, sacral (caudal)			X
62284	Injection procedure for myelography and/or computed tomography, lumbar			X
62287	Decompression procedure, percutaneous, of nucleus pulposus of intervertebral disc, any method utilizing needle based technique to remove disc material under fluoroscopic imaging or other form of indirect visualization, with the use of an endoscope, with discography and/or epidural injection(s) at the treated level(s), when performed, single or multiple levels, lumbar		X	
62290	Injection procedure for discography, each level; lumbar			X

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62291	Injection procedure for discography, each level; cervical or thoracic			X
62292	Injection procedure for chemonucleolysis, including discography, intervertebral disc, single or multiple levels, lumbar			X
62294	Injection procedure, arterial, for occlusion of arteriovenous malformation, spinal			X
62302	Myelography via lumbar injection, including radiological supervision and interpretation; cervical			X
62303	Myelography via lumbar injection, including radiological supervision and interpretation; thoracic			X
62304	Myelography via lumbar injection, including radiological supervision and interpretation; lumbosacral			X
62305	Myelography via lumbar injection, including radiological supervision and interpretation; 2 or more regions (eg, lumbar/thoracic, cervical/thoracic, lumbar/cervical, lumbar/thoracic/cervical)			X
62310	Injection(s), of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, includes contrast for localization when performed, epidural or subarachnoid; cervical or thoracic			X
62311	Injection(s), of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, includes contrast for localization when performed, epidural or subarachnoid; lumbar or sacral (caudal)			X
62318	Injection(s), including indwelling catheter placement, continuous infusion or intermittent bolus, of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, includes contrast for localization when performed, epidural or subarachnoid; cervical or thoracic			X
62319	Injection(s), including indwelling catheter placement, continuous infusion or intermittent bolus, of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, includes contrast for localization when performed, epidural or subarachnoid; lumbar or sacral (caudal)			X
62350	Implantation, revision or repositioning of tunneled intrathecal or epidural catheter, for long-term medication administration via an external pump or implantable reservoir/infusion pump; without laminectomy		X	
62351	Implantation, revision or repositioning of tunneled intrathecal or epidural catheter, for long-term medication administration via an external pump or implantable reservoir/infusion pump; with laminectomy	X		
62355	Removal of previously implanted intrathecal or epidural catheter		X	
62360	Implantation or replacement of device for intrathecal or epidural drug infusion; subcutaneous reservoir		X	
62361	Implantation or replacement of device for intrathecal or epidural drug infusion; nonprogrammable pump		X	
62362	Implantation or replacement of device for intrathecal or epidural drug infusion; programmable pump, including preparation of pump, with or without programming		X	
62365	Removal of subcutaneous reservoir or pump, previously implanted for intrathecal or epidural infusion		X	
62367	Electronic analysis of programmable, implanted pump for intrathecal or epidural drug infusion (includes evaluation of reservoir status, alarm status, drug prescription status); without reprogramming or refill			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
62368	Electronic analysis of programmable, implanted pump for intrathecal or epidural drug infusion (includes evaluation of reservoir status, alarm status, drug prescription status); with reprogramming			X
62369	Electronic analysis of programmable, implanted pump for intrathecal or epidural drug infusion (includes evaluation of reservoir status, alarm status, drug prescription status); with reprogramming and refill			X
62370	Electronic analysis of programmable, implanted pump for intrathecal or epidural drug infusion (includes evaluation of reservoir status, alarm status, drug prescription status); with reprogramming and refill (requiring skill of a physician or other qualified health care professional)			X
63001	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; cervical	X		
63003	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; thoracic	X		
63005	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; lumbar, except for spondylolisthesis	X		
63011	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; sacral	X		
63012	Laminectomy with removal of abnormal facets and/or pars inter-articularis with decompression of cauda equina and nerve roots for spondylolisthesis, lumbar (Gill type procedure)	X		
63015	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; cervical	X		
63016	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; thoracic	X		
63017	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; lumbar	X		
63020	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, cervical	X		
63030	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, lumbar	X		
63035	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; each additional interspace, cervical or lumbar (List separately in addition to code for primary procedure)	X		
63040	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; cervical	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
63042	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; lumbar	X		
63043	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; each additional cervical interspace (List separately in addition to code for primary procedure)	X		
63044	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; each additional lumbar interspace (List separately in addition to code for primary procedure)	X		
63045	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; cervical	X		
63046	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; thoracic	X		
63047	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; lumbar	X		
63048	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; each additional segment, cervical, thoracic, or lumbar (List separately in addition to code for primary procedure)	X		
63050	Laminoplasty, cervical, with decompression of the spinal cord, 2 or more vertebral segments;	X		
63051	Laminoplasty, cervical, with decompression of the spinal cord, 2 or more vertebral segments; with reconstruction of the posterior bony elements (including the application of bridging bone graft and non-segmental fixation devices [eg, wire, suture, mini-plates], when performed)	X		
63055	Transpedicular approach with decompression of spinal cord, equina and/or nerve root(s) (eg, herniated intervertebral disc), single segment; thoracic	X		
63056	Transpedicular approach with decompression of spinal cord, equina and/or nerve root(s) (eg, herniated intervertebral disc), single segment; lumbar (including transfacet, or lateral extraforaminal approach) (eg, far lateral herniated intervertebral disc)	X		
63057	Transpedicular approach with decompression of spinal cord, equina and/or nerve root(s) (eg, herniated intervertebral disc), single segment; each additional segment, thoracic or lumbar (List separately in addition to code for primary procedure)	X		
63064	Costovertebral approach with decompression of spinal cord or nerve root(s) (eg, herniated intervertebral disc), thoracic; single segment	X		
63066	Costovertebral approach with decompression of spinal cord or nerve root(s) (eg, herniated intervertebral disc), thoracic; each additional segment (List separately in addition to code for primary procedure)	X		
63075	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophytectomy; cervical, single interspace	X		
63076	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophytectomy; cervical, each additional interspace (List separately in addition to code for primary procedure)	X		

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
63077	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophylectomy; thoracic, single interspace	X		
63078	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophylectomy; thoracic, each additional interspace (List separately in addition to code for primary procedure)	X		
63081	Vertebral corpectomy (vertebral body resection), partial or complete, anterior approach with decompression of spinal cord and/or nerve root(s); cervical, single segment	X		
63082	Vertebral corpectomy (vertebral body resection), partial or complete, anterior approach with decompression of spinal cord and/or nerve root(s); cervical, each additional segment (List separately in addition to code for primary procedure)	X		
63085	Vertebral corpectomy (vertebral body resection), partial or complete, transthoracic approach with decompression of spinal cord and/or nerve root(s); thoracic, single segment	X		
63086	Vertebral corpectomy (vertebral body resection), partial or complete, transthoracic approach with decompression of spinal cord and/or nerve root(s); thoracic, each additional segment (List separately in addition to code for primary procedure)	X		
63087	Vertebral corpectomy (vertebral body resection), partial or complete, combined thoracolumbar approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic or lumbar; single segment	X		
63088	Vertebral corpectomy (vertebral body resection), partial or complete, combined thoracolumbar approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic or lumbar; each additional segment (List separately in addition to code for primary procedure)	X		
63090	Vertebral corpectomy (vertebral body resection), partial or complete, transperitoneal or retroperitoneal approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic, lumbar, or sacral; single segment	X		
63091	Vertebral corpectomy (vertebral body resection), partial or complete, transperitoneal or retroperitoneal approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic, lumbar, or sacral; each additional segment (List separately in addition to code for primary procedure)	X		
63101	Vertebral corpectomy (vertebral body resection), partial or complete, lateral extracavitary approach with decompression of spinal cord and/or nerve root(s) (eg, for tumor or retropulsed bone fragments); thoracic, single segment	X		
63102	Vertebral corpectomy (vertebral body resection), partial or complete, lateral extracavitary approach with decompression of spinal cord and/or nerve root(s) (eg, for tumor or retropulsed bone fragments); lumbar, single segment	X		
63103	Vertebral corpectomy (vertebral body resection), partial or complete, lateral extracavitary approach with decompression of spinal cord and/or nerve root(s) (eg, for tumor or retropulsed bone fragments); thoracic or lumbar, each additional segment (List separately in addition to code for primary procedure)	X		
63170	Laminectomy with myelotomy (eg, Bischof or DREZ type), cervical, thoracic, or thoracolumbar	X		
63172	Laminectomy with drainage of intramedullary cyst/syrinx; to subarachnoid space	X		
63173	Laminectomy with drainage of intramedullary cyst/syrinx; to peritoneal or pleural space	X		
63180	Laminectomy and section of dentate ligaments, with or without dural graft, cervical; 1 or 2 segments	X		
63182	Laminectomy and section of dentate ligaments, with or without dural graft, cervical; more than 2 segments	X		
63185	Laminectomy with rhizotomy; 1 or 2 segments	X		

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63190	Laminectomy with rhizotomy; more than 2 segments	X		
63191	Laminectomy with section of spinal accessory nerve	X		
63194	Laminectomy with cordotomy, with section of 1 spinothalamic tract, 1 stage; cervical	X		
63195	Laminectomy with cordotomy, with section of 1 spinothalamic tract, 1 stage; thoracic	X		
63196	Laminectomy with cordotomy, with section of both spinothalamic tracts, 1 stage; cervical	X		
63197	Laminectomy with cordotomy, with section of both spinothalamic tracts, 1 stage; thoracic	X		
63198	Laminectomy with cordotomy with section of both spinothalamic tracts, 2 stages within 14 days; cervical	X		
63199	Laminectomy with cordotomy with section of both spinothalamic tracts, 2 stages within 14 days; thoracic	X		
63200	Laminectomy, with release of tethered spinal cord, lumbar	X		
63250	Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; cervical	X		
63251	Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; thoracic	X		
63252	Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; thoracolumbar	X		
63265	Laminectomy for excision or evacuation of intraspinal lesion other than neoplasm, extradural; cervical	X		
63266	Laminectomy for excision or evacuation of intraspinal lesion other than neoplasm, extradural; thoracic	X		
63267	Laminectomy for excision or evacuation of intraspinal lesion other than neoplasm, extradural; lumbar	X		
63268	Laminectomy for excision or evacuation of intraspinal lesion other than neoplasm, extradural; sacral	X		
63270	Laminectomy for excision of intraspinal lesion other than neoplasm, intradural; cervical	X		
63271	Laminectomy for excision of intraspinal lesion other than neoplasm, intradural; thoracic	X		
63272	Laminectomy for excision of intraspinal lesion other than neoplasm, intradural; lumbar	X		
63273	Laminectomy for excision of intraspinal lesion other than neoplasm, intradural; sacral	X		
63275	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, cervical	X		
63276	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, thoracic	X		
63277	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, lumbar	X		
63278	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, sacral	X		
63280	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, cervical	X		
63281	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, thoracic	X		
63282	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, lumbar	X		
63283	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, sacral	X		
63285	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, cervical	X		

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63286	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, thoracic	X		
63287	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, thoracolumbar	X		
63290	Laminectomy for biopsy/excision of intraspinal neoplasm; combined extradural-intradural lesion, any level	X		
63295	Osteoplastic reconstruction of dorsal spinal elements, following primary intraspinal procedure (List separately in addition to code for primary procedure)	X		
63300	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, cervical	X		
63301	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, thoracic by transthoracic approach	X		
63302	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, thoracic by thoracolumbar approach	X		
63303	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, lumbar or sacral by transperitoneal or retroperitoneal approach	X		
63304	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, cervical	X		
63305	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, thoracic by transthoracic approach	X		
63306	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, thoracic by thoracolumbar approach	X		
63307	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, lumbar or sacral by transperitoneal or retroperitoneal approach	X		
63308	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; each additional segment (List separately in addition to codes for single segment)	X		
63600	Creation of lesion of spinal cord by stereotactic method, percutaneous, any modality (including stimulation and/or recording)			X
63610	Stereotactic stimulation of spinal cord, percutaneous, separate procedure not followed by other surgery			X
63615	Stereotactic biopsy, aspiration, or excision of lesion, spinal cord			X
63620	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 spinal lesion		X	
63621	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional spinal lesion (List separately in addition to code for primary procedure)		X	
63650	Percutaneous implantation of neurostimulator electrode array, epidural			X
63655	Laminectomy for implantation of neurostimulator electrodes, plate/paddle, epidural	X		
63661	Removal of spinal neurostimulator electrode percutaneous array(s), including fluoroscopy, when performed			X
63662	Removal of spinal neurostimulator electrode plate/paddle(s) placed via laminotomy or laminectomy, including fluoroscopy, when performed			X
63663	Revision including replacement, when performed, of spinal neurostimulator electrode percutaneous array(s), including fluoroscopy, when performed	X		

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
63664	Revision including replacement, when performed, of spinal neurostimulator electrode plate/paddle(s) placed via laminotomy or laminectomy, including fluoroscopy, when performed	X		
63685	Insertion or replacement of spinal neurostimulator pulse generator or receiver, direct or inductive coupling		X	
63688	Revision or removal of implanted spinal neurostimulator pulse generator or receiver		X	
63700	Repair of meningocele; less than 5 cm diameter		X	
63702	Repair of meningocele; larger than 5 cm diameter	X		
63704	Repair of myelomeningocele; less than 5 cm diameter	X		
63706	Repair of myelomeningocele; larger than 5 cm diameter	X		
63707	Repair of dural/cerebrospinal fluid leak, not requiring laminectomy		X	
63709	Repair of dural/cerebrospinal fluid leak or pseudomeningocele, with laminectomy	X		
63710	Dural graft, spinal	X		
63740	Creation of shunt, lumbar, subarachnoid-peritoneal, -pleural, or other; including laminectomy	X		
63741	Creation of shunt, lumbar, subarachnoid-peritoneal, -pleural, or other; percutaneous, not requiring laminectomy		X	
63744	Replacement, irrigation or revision of lumbosubarachnoid shunt		X	
63746	Removal of entire lumbosubarachnoid shunt system without replacement		X	
64400	Injection, anesthetic agent; trigeminal nerve, any division or branch			X
64402	Injection, anesthetic agent; facial nerve			X
64405	Injection, anesthetic agent; greater occipital nerve			X
64408	Injection, anesthetic agent; vagus nerve			X
64410	Injection, anesthetic agent; phrenic nerve			X
64413	Injection, anesthetic agent; cervical plexus			X
64415	Injection, anesthetic agent; brachial plexus, single			X
64416	Injection, anesthetic agent; brachial plexus, continuous infusion by catheter (including catheter placement)			X
64417	Injection, anesthetic agent; axillary nerve			X
64418	Injection, anesthetic agent; suprascapular nerve			X
64420	Injection, anesthetic agent; intercostal nerve, single			X
64421	Injection, anesthetic agent; intercostal nerves, multiple, regional block			X
64425	Injection, anesthetic agent; ilioinguinal, iliohypogastric nerves			X
64430	Injection, anesthetic agent; pudendal nerve			X
64435	Injection, anesthetic agent; paracervical (uterine) nerve			X
64445	Injection, anesthetic agent; sciatic nerve, single			X
64446	Injection, anesthetic agent; sciatic nerve, continuous infusion by catheter (including catheter placement)			X
64447	Injection, anesthetic agent; femoral nerve, single			X
64448	Injection, anesthetic agent; femoral nerve, continuous infusion by catheter (including catheter placement)			X
64449	Injection, anesthetic agent; lumbar plexus, posterior approach, continuous infusion by catheter (including catheter placement)			X
64450	Injection, anesthetic agent; other peripheral nerve or branch			X

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CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
64455	Injection(s), anesthetic agent and/or steroid, plantar common digital nerve(s) (eg, Morton's neuroma)			X
64461	Paravertebral block (PVB) (paraspinous block), thoracic; single injection site (includes imaging guidance, when performed)			X
64462	Paravertebral block (PVB) (paraspinous block), thoracic; second and any additional injection site(s) (includes imaging guidance, when performed) (List separately in addition to code for primary procedure)			X
64463	Paravertebral block (PVB) (paraspinous block), thoracic; continuous infusion by catheter (includes imaging guidance, when performed)			X
64479	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); cervical or thoracic, single level			X
64480	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); cervical or thoracic, each additional level (List separately in addition to code for primary procedure)			X
64483	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); lumbar or sacral, single level			X
64484	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); lumbar or sacral, each additional level (List separately in addition to code for primary procedure)			X
64486	Transversus abdominis plane (TAP) block (abdominal plane block, rectus sheath block) unilateral; by injection(s) (includes imaging guidance, when performed)			X
64487	Transversus abdominis plane (TAP) block (abdominal plane block, rectus sheath block) unilateral; by continuous infusion(s) (includes imaging guidance, when performed)			X
64488	Transversus abdominis plane (TAP) block (abdominal plane block, rectus sheath block) bilateral; by injections (includes imaging guidance, when performed)			X
64489	Transversus abdominis plane (TAP) block (abdominal plane block, rectus sheath block) bilateral; by continuous infusions (includes imaging guidance, when performed)			X
64490	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; single level			X
64491	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; second level (List separately in addition to code for primary procedure)			X
64492	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; third and any additional level(s) (List separately in addition to code for primary procedure)			X
64493	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; single level			X
64494	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; second level (List separately in addition to code for primary procedure)			X
64495	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; third and any additional level(s) (List separately in addition to code for primary procedure)			X
64505	Injection, anesthetic agent; sphenopalatine ganglion			X

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2016 Assistant at Surgery Consensus¹

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64508	Injection, anesthetic agent; carotid sinus (separate procedure)		X	
64510	Injection, anesthetic agent; stellate ganglion (cervical sympathetic)			X
64517	Injection, anesthetic agent; superior hypogastric plexus			X
64520	Injection, anesthetic agent; lumbar or thoracic (paravertebral sympathetic)			X
64530	Injection, anesthetic agent; celiac plexus, with or without radiologic monitoring			X
64550	Application of surface (transcutaneous) neurostimulator			X
64553	Percutaneous implantation of neurostimulator electrode array; cranial nerve		X	
64555	Percutaneous implantation of neurostimulator electrode array; peripheral nerve (excludes sacral nerve)			X
64561	Percutaneous implantation of neurostimulator electrode array; sacral nerve (transforaminal placement) including image guidance, if performed		X	
64565	Percutaneous implantation of neurostimulator electrode array; neuromuscular			X
64566	Posterior tibial neurostimulation, percutaneous needle electrode, single treatment, includes programming			X
64568	Incision for implantation of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator		X	
64569	Revision or replacement of cranial nerve (eg, vagus nerve) neurostimulator electrode array, including connection to existing pulse generator		X	
64570	Removal of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator		X	
64575	Incision for implantation of neurostimulator electrode array; peripheral nerve (excludes sacral nerve)			X
64580	Incision for implantation of neurostimulator electrode array; neuromuscular		X	
64581	Incision for implantation of neurostimulator electrode array; sacral nerve (transforaminal placement)		X	
64585	Revision or removal of peripheral neurostimulator electrode array		X	
64590	Insertion or replacement of peripheral or gastric neurostimulator pulse generator or receiver, direct or inductive coupling		X	
64595	Revision or removal of peripheral or gastric neurostimulator pulse generator or receiver		X	
64600	Destruction by neurolytic agent, trigeminal nerve; supraorbital, infraorbital, mental, or inferior alveolar branch			X
64605	Destruction by neurolytic agent, trigeminal nerve; second and third division branches at foramen ovale			X
64610	Destruction by neurolytic agent, trigeminal nerve; second and third division branches at foramen ovale under radiologic monitoring			X
64611	Chemodenervation of parotid and submandibular salivary glands, bilateral			X
64612	Chemodenervation of muscle(s); muscle(s) innervated by facial nerve, unilateral (eg, for blepharospasm, hemifacial spasm)			X
64615	Chemodenervation of muscle(s); muscle(s) innervated by facial, trigeminal, cervical spinal and accessory nerves, bilateral (eg, for chronic migraine)			X
64616	Chemodenervation of muscle(s); neck muscle(s), excluding muscles of the larynx, unilateral (eg, for cervical dystonia, spasmodic torticollis)			X
64617	Chemodenervation of muscle(s); larynx, unilateral, percutaneous (eg, for spasmodic dysphonia), includes guidance by needle electromyography, when performed			X
64620	Destruction by neurolytic agent, intercostal nerve			X

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64630	Destruction by neurolytic agent; pudendal nerve			X
64632	Destruction by neurolytic agent; plantar common digital nerve			X
64633	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); cervical or thoracic, single facet joint			X
64634	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); cervical or thoracic, each additional facet joint (List separately in addition to code for primary procedure)			X
64635	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); lumbar or sacral, single facet joint			X
64636	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); lumbar or sacral, each additional facet joint (List separately in addition to code for primary procedure)			X
64640	Destruction by neurolytic agent; other peripheral nerve or branch			X
64642	Chemodenervation of one extremity; 1-4 muscle(s)			X
64643	Chemodenervation of one extremity; each additional extremity, 1-4 muscle(s) (List separately in addition to code for primary procedure)			X
64644	Chemodenervation of one extremity; 5 or more muscles			X
64645	Chemodenervation of one extremity; each additional extremity, 5 or more muscles (List separately in addition to code for primary procedure)			X
64646	Chemodenervation of trunk muscle(s); 1-5 muscle(s)			X
64647	Chemodenervation of trunk muscle(s); 6 or more muscles			X
64650	Chemodenervation of eccrine glands; both axillae			X
64653	Chemodenervation of eccrine glands; other area(s) (eg, scalp, face, neck), per day			X
64680	Destruction by neurolytic agent, with or without radiologic monitoring; celiac plexus			X
64681	Destruction by neurolytic agent, with or without radiologic monitoring; superior hypogastric plexus			X
64702	Neuroplasty; digital, 1 or both, same digit		X	
64704	Neuroplasty; nerve of hand or foot	X		
64708	Neuroplasty, major peripheral nerve, arm or leg, open; other than specified	X		
64712	Neuroplasty, major peripheral nerve, arm or leg, open; sciatic nerve	X		
64713	Neuroplasty, major peripheral nerve, arm or leg, open; brachial plexus	X		
64714	Neuroplasty, major peripheral nerve, arm or leg, open; lumbar plexus	X		
64716	Neuroplasty and/or transposition; cranial nerve (specify)	X		
64718	Neuroplasty and/or transposition; ulnar nerve at elbow		X	
64719	Neuroplasty and/or transposition; ulnar nerve at wrist		X	
64721	Neuroplasty and/or transposition; median nerve at carpal tunnel		X	
64722	Decompression; unspecified nerve(s) (specify)		X	
64726	Decompression; plantar digital nerve			X
64727	Internal neurolysis, requiring use of operating microscope (List separately in addition to code for neuroplasty) (Neuroplasty includes external neurolysis)		X	
64732	Transection or avulsion of; supraorbital nerve		X	
64734	Transection or avulsion of; infraorbital nerve		X	
64736	Transection or avulsion of; mental nerve		X	
64738	Transection or avulsion of; inferior alveolar nerve by osteotomy		X	

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64740	Transection or avulsion of; lingual nerve		X	
64742	Transection or avulsion of; facial nerve, differential or complete	X		
64744	Transection or avulsion of; greater occipital nerve		X	
64746	Transection or avulsion of; phrenic nerve	X		
64755	Transection or avulsion of; vagus nerves limited to proximal stomach (selective proximal vagotomy, proximal gastric vagotomy, parietal cell vagotomy, supra- or highly selective vagotomy)	X		
64760	Transection or avulsion of; vagus nerve (vagotomy), abdominal	X		
64763	Transection or avulsion of obturator nerve, extrapelvic, with or without adductor tenotomy		X	
64766	Transection or avulsion of obturator nerve, intrapelvic, with or without adductor tenotomy		X	
64771	Transection or avulsion of other cranial nerve, extradural		X	
64772	Transection or avulsion of other spinal nerve, extradural		X	
64774	Excision of neuroma; cutaneous nerve, surgically identifiable			X
64776	Excision of neuroma; digital nerve, 1 or both, same digit			X
64778	Excision of neuroma; digital nerve, each additional digit (List separately in addition to code for primary procedure)			X
64782	Excision of neuroma; hand or foot, except digital nerve			X
64783	Excision of neuroma; hand or foot, each additional nerve, except same digit (List separately in addition to code for primary procedure)			X
64784	Excision of neuroma; major peripheral nerve, except sciatic		X	
64786	Excision of neuroma; sciatic nerve	X		
64787	Implantation of nerve end into bone or muscle (List separately in addition to neuroma excision)		X	
64788	Excision of neurofibroma or neurolemmoma; cutaneous nerve		X	
64790	Excision of neurofibroma or neurolemmoma; major peripheral nerve		X	
64792	Excision of neurofibroma or neurolemmoma; extensive (including malignant type)	X		
64795	Biopsy of nerve		X	
64802	Sympathectomy, cervical	X		
64804	Sympathectomy, cervicothoracic	X		
64809	Sympathectomy, thoracolumbar	X	O	
64818	Sympathectomy, lumbar	X		
64820	Sympathectomy; digital arteries, each digit		X	
64821	Sympathectomy; radial artery	X		
64822	Sympathectomy; ulnar artery	X		
64823	Sympathectomy; superficial palmar arch	X		
64831	Suture of digital nerve, hand or foot; 1 nerve		X	
64832	Suture of digital nerve, hand or foot; each additional digital nerve (List separately in addition to code for primary procedure)		X	
64834	Suture of 1 nerve; hand or foot, common sensory nerve		X	
64835	Suture of 1 nerve; median motor thenar		X	
64836	Suture of 1 nerve; ulnar motor		X	

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64837	Suture of each additional nerve, hand or foot (List separately in addition to code for primary procedure)		X	
64840	Suture of posterior tibial nerve		X	
64856	Suture of major peripheral nerve, arm or leg, except sciatic; including transposition	X		
64857	Suture of major peripheral nerve, arm or leg, except sciatic; without transposition	X		
64858	Suture of sciatic nerve	X		
64859	Suture of each additional major peripheral nerve (List separately in addition to code for primary procedure)	X		
64861	Suture of; brachial plexus	X		
64862	Suture of; lumbar plexus	X		
64864	Suture of facial nerve; extracranial	X		
64865	Suture of facial nerve; infratemporal, with or without grafting	X		
64866	Anastomosis; facial-spinal accessory	X		
64868	Anastomosis; facial-hypoglossal	X		
64872	Suture of nerve; requiring secondary or delayed suture (List separately in addition to code for primary neurorrhaphy)		X	
64874	Suture of nerve; requiring extensive mobilization, or transposition of nerve (List separately in addition to code for nerve suture)	X		
64876	Suture of nerve; requiring shortening of bone of extremity (List separately in addition to code for nerve suture)	X		
64885	Nerve graft (includes obtaining graft), head or neck; up to 4 cm in length		X	
64886	Nerve graft (includes obtaining graft), head or neck; more than 4 cm length		X	
64890	Nerve graft (includes obtaining graft), single strand, hand or foot; up to 4 cm length		X	
64891	Nerve graft (includes obtaining graft), single strand, hand or foot; more than 4 cm length		X	
64892	Nerve graft (includes obtaining graft), single strand, arm or leg; up to 4 cm length		X	
64893	Nerve graft (includes obtaining graft), single strand, arm or leg; more than 4 cm length		X	
64895	Nerve graft (includes obtaining graft), multiple strands (cable), hand or foot; up to 4 cm length	X		
64896	Nerve graft (includes obtaining graft), multiple strands (cable), hand or foot; more than 4 cm length	X		
64897	Nerve graft (includes obtaining graft), multiple strands (cable), arm or leg; up to 4 cm length	X		
64898	Nerve graft (includes obtaining graft), multiple strands (cable), arm or leg; more than 4 cm length	X		
64901	Nerve graft, each additional nerve; single strand (List separately in addition to code for primary procedure)		X	
64902	Nerve graft, each additional nerve; multiple strands (cable) (List separately in addition to code for primary procedure)		X	
64905	Nerve pedicle transfer; first stage		X	
64907	Nerve pedicle transfer; second stage		X	
64910	Nerve repair; with synthetic conduit or vein allograft (eg, nerve tube), each nerve	X		
64911	Nerve repair; with autogenous vein graft (includes harvest of vein graft), each nerve	X		
65091	Evisceration of ocular contents; without implant		X	
65093	Evisceration of ocular contents; with implant		X	

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65101	Enucleation of eye; without implant		X	
65103	Enucleation of eye; with implant, muscles not attached to implant		X	
65105	Enucleation of eye; with implant, muscles attached to implant	X		
65110	Exenteration of orbit (does not include skin graft), removal of orbital contents; only	X		
65112	Exenteration of orbit (does not include skin graft), removal of orbital contents; with therapeutic removal of bone	X		
65114	Exenteration of orbit (does not include skin graft), removal of orbital contents; with muscle or myocutaneous flap	X		
65125	Modification of ocular implant with placement or replacement of pegs (eg, drilling receptacle for prosthesis appendage) (separate procedure)		X	
65130	Insertion of ocular implant secondary; after evisceration, in scleral shell		X	
65135	Insertion of ocular implant secondary; after enucleation, muscles not attached to implant		X	
65140	Insertion of ocular implant secondary; after enucleation, muscles attached to implant		X	
65150	Reinsertion of ocular implant; with or without conjunctival graft		X	
65155	Reinsertion of ocular implant; with use of foreign material for reinforcement and/or attachment of muscles to implant		X	
65175	Removal of ocular implant			X
65205	Removal of foreign body, external eye; conjunctival superficial			X
65210	Removal of foreign body, external eye; conjunctival embedded (includes concretions), subconjunctival, or scleral nonperforating			X
65220	Removal of foreign body, external eye; corneal, without slit lamp			X
65222	Removal of foreign body, external eye; corneal, with slit lamp			X
65235	Removal of foreign body, intraocular; from anterior chamber of eye or lens		X	
65260	Removal of foreign body, intraocular; from posterior segment, magnetic extraction, anterior or posterior route		X	
65265	Removal of foreign body, intraocular; from posterior segment, nonmagnetic extraction		X	
65270	Repair of laceration; conjunctiva, with or without nonperforating laceration sclera, direct closure			X
65272	Repair of laceration; conjunctiva, by mobilization and rearrangement, without hospitalization			X
65273	Repair of laceration; conjunctiva, by mobilization and rearrangement, with hospitalization			X
65275	Repair of laceration; cornea, nonperforating, with or without removal foreign body			X
65280	Repair of laceration; cornea and/or sclera, perforating, not involving uveal tissue		X	
65285	Repair of laceration; cornea and/or sclera, perforating, with reposition or resection of uveal tissue		X	
65286	Repair of laceration; application of tissue glue, wounds of cornea and/or sclera		X	
65290	Repair of wound, extraocular muscle, tendon and/or Tenon's capsule			X
65400	Excision of lesion, cornea (keratectomy, lamellar, partial), except pterygium			X
65410	Biopsy of cornea			X
65420	Excision or transposition of pterygium; without graft			X
65426	Excision or transposition of pterygium; with graft		X	
65430	Scraping of cornea, diagnostic, for smear and/or culture			X

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65435	Removal of corneal epithelium; with or without chemocauterization (abrasion, curettage)			X
65436	Removal of corneal epithelium; with application of chelating agent (eg, EDTA)			X
65450	Destruction of lesion of cornea by cryotherapy, photocoagulation or thermocauterization			X
65600	Multiple punctures of anterior cornea (eg, for corneal erosion, tattoo)			X
65710	Keratoplasty (corneal transplant); anterior lamellar		X	
65730	Keratoplasty (corneal transplant); penetrating (except in aphakia or pseudophakia)		X	
65750	Keratoplasty (corneal transplant); penetrating (in aphakia)		X	
65755	Keratoplasty (corneal transplant); penetrating (in pseudophakia)		X	
65756	Keratoplasty (corneal transplant); endothelial			X
65757	Backbench preparation of corneal endothelial allograft prior to transplantation (List separately in addition to code for primary procedure)			X
65760	Keratomileusis		X	
65765	Keratophakia		X	
65767	Epikeratoplasty		X	
65770	Keratoprosthesis		X	
65771	Radial keratotomy			X
65772	Corneal relaxing incision for correction of surgically induced astigmatism			X
65775	Corneal wedge resection for correction of surgically induced astigmatism			X
65778	Placement of amniotic membrane on the ocular surface; without sutures			X
65779	Placement of amniotic membrane on the ocular surface; single layer, sutured		X	
65780	Ocular surface reconstruction; amniotic membrane transplantation, multiple layers		X	
65781	Ocular surface reconstruction; limbal stem cell allograft (eg, cadaveric or living donor)		X	
65782	Ocular surface reconstruction; limbal conjunctival autograft (includes obtaining graft)		X	
65785	Implantation of intrastromal corneal ring segments		X	
65800	Paracentesis of anterior chamber of eye (separate procedure); with removal of aqueous			X
65810	Paracentesis of anterior chamber of eye (separate procedure); with removal of vitreous and/or discission of anterior hyaloid membrane, with or without air injection			X
65815	Paracentesis of anterior chamber of eye (separate procedure); with removal of blood, with or without irrigation and/or air injection			X
65820	Goniotomy		X	
65850	Trabeculotomy ab externo		X	
65855	Trabeculoplasty by laser surgery			X
65860	Severing adhesions of anterior segment, laser technique (separate procedure)			X
65865	Severing adhesions of anterior segment of eye, incisional technique (with or without injection of air or liquid) (separate procedure); goniosynechia			X
65870	Severing adhesions of anterior segment of eye, incisional technique (with or without injection of air or liquid) (separate procedure); anterior synechia, except goniosynechia			X
65875	Severing adhesions of anterior segment of eye, incisional technique (with or without injection of air or liquid) (separate procedure); posterior synechia			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
65880	Severing adhesions of anterior segment of eye, incisional technique (with or without injection of air or liquid) (separate procedure); corneovitreal adhesions			X
65900	Removal of epithelial downgrowth, anterior chamber of eye		X	
65920	Removal of implanted material, anterior segment of eye		X	
65930	Removal of blood clot, anterior segment of eye		X	
66020	Injection, anterior chamber of eye (separate procedure); air or liquid			X
66030	Injection, anterior chamber of eye (separate procedure); medication			X
66130	Excision of lesion, sclera			X
66150	Fistulization of sclera for glaucoma; trephination with iridectomy		X	
66155	Fistulization of sclera for glaucoma; thermocauterization with iridectomy		X	
66160	Fistulization of sclera for glaucoma; sclerectomy with punch or scissors, with iridectomy		X	
66170	Fistulization of sclera for glaucoma; trabeculectomy ab externo in absence of previous surgery		X	
66172	Fistulization of sclera for glaucoma; trabeculectomy ab externo with scarring from previous ocular surgery or trauma (includes injection of antifibrotic agents)		X	
66174	Transluminal dilation of aqueous outflow canal; without retention of device or stent		X	
66175	Transluminal dilation of aqueous outflow canal; with retention of device or stent		X	
66179	Aqueous shunt to extraocular equatorial plate reservoir, external approach; without graft		X	
66180	Aqueous shunt to extraocular equatorial plate reservoir, external approach; with graft		X	
66183	Insertion of anterior segment aqueous drainage device, without extraocular reservoir, external approach		X	
66184	Revision of aqueous shunt to extraocular equatorial plate reservoir; without graft		X	
66185	Revision of aqueous shunt to extraocular equatorial plate reservoir; with graft		X	
66220	Repair of scleral staphyloma; without graft		X	
66225	Repair of scleral staphyloma; with graft	X		
66250	Revision or repair of operative wound of anterior segment, any type, early or late, major or minor procedure		X	
66500	Iridotomy by stab incision (separate procedure); except transfixion			X
66505	Iridotomy by stab incision (separate procedure); with transfixion as for iris bombe			X
66600	Iridectomy, with corneoscleral or corneal section; for removal of lesion			X
66605	Iridectomy, with corneoscleral or corneal section; with cyclectomy		X	
66625	Iridectomy, with corneoscleral or corneal section; peripheral for glaucoma (separate procedure)			X
66630	Iridectomy, with corneoscleral or corneal section; sector for glaucoma (separate procedure)			X
66635	Iridectomy, with corneoscleral or corneal section; optical (separate procedure)			X
66680	Repair of iris, ciliary body (as for iridodialysis)		X	
66682	Suture of iris, ciliary body (separate procedure) with retrieval of suture through small incision (eg, McCannel suture)		X	
66700	Ciliary body destruction; diathermy			X
66710	Ciliary body destruction; cyclophotocoagulation, transscleral			X
66711	Ciliary body destruction; cyclophotocoagulation, endoscopic			X

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66720	Ciliary body destruction; cryotherapy			X
66740	Ciliary body destruction; cyclodialysis			X
66761	Iridotomy/iridectomy by laser surgery (eg, for glaucoma) (per session)			X
66762	Iridoplasty by photocoagulation (1 or more sessions) (eg, for improvement of vision, for widening of anterior chamber angle)			X
66770	Destruction of cyst or lesion iris or ciliary body (nonexcisional procedure)			X
66820	Discission of secondary membranous cataract (opacified posterior lens capsule and/or anterior hyaloid); stab incision technique (Ziegler or Wheeler knife)			X
66821	Discission of secondary membranous cataract (opacified posterior lens capsule and/or anterior hyaloid); laser surgery (eg, YAG laser) (1 or more stages)			X
66825	Repositioning of intraocular lens prosthesis, requiring an incision (separate procedure)			X
66830	Removal of secondary membranous cataract (opacified posterior lens capsule and/or anterior hyaloid) with corneo-scleral section, with or without iridectomy (iridocapsulotomy, iridocapsulectomy)		X	
66840	Removal of lens material; aspiration technique, 1 or more stages		X	
66850	Removal of lens material; phacofragmentation technique (mechanical or ultrasonic) (eg, phacoemulsification), with aspiration		X	
66852	Removal of lens material; pars plana approach, with or without vitrectomy		X	
66920	Removal of lens material; intracapsular			X
66930	Removal of lens material; intracapsular, for dislocated lens			X
66940	Removal of lens material; extracapsular (other than 66840, 66850, 66852)		X	
66982	Extracapsular cataract removal with insertion of intraocular lens prosthesis (1-stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification), complex, requiring devices or techniques not generally used in routine cataract surgery (eg, iris expansion device, suture support for intraocular lens, or primary posterior capsulorrhexis) or performed on patients in the amblyogenic developmental stage		X	
66983	Intracapsular cataract extraction with insertion of intraocular lens prosthesis (1 stage procedure)		X	
66984	Extracapsular cataract removal with insertion of intraocular lens prosthesis (1 stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification)		X	
66985	Insertion of intraocular lens prosthesis (secondary implant), not associated with concurrent cataract removal		X	
66986	Exchange of intraocular lens		X	
66990	Use of ophthalmic endoscope (List separately in addition to code for primary procedure)		X	
67005	Removal of vitreous, anterior approach (open sky technique or limbal incision); partial removal			X
67010	Removal of vitreous, anterior approach (open sky technique or limbal incision); subtotal removal with mechanical vitrectomy		X	
67015	Aspiration or release of vitreous, subretinal or choroidal fluid, pars plana approach (posterior sclerotomy)		X	
67025	Injection of vitreous substitute, pars plana or limbal approach (fluid-gas exchange), with or without aspiration (separate procedure)			X
67027	Implantation of intravitreal drug delivery system (eg, ganciclovir implant), includes concomitant removal of vitreous		X	

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67028	Intravitreal injection of a pharmacologic agent (separate procedure)			X
67030	Dissection of vitreous strands (without removal), pars plana approach		X	
67031	Severing of vitreous strands, vitreous face adhesions, sheets, membranes or opacities, laser surgery (1 or more stages)			X
67036	Vitrectomy, mechanical, pars plana approach;		X	
67039	Vitrectomy, mechanical, pars plana approach; with focal endolaser photocoagulation		X	
67040	Vitrectomy, mechanical, pars plana approach; with endolaser panretinal photocoagulation		X	
67041	Vitrectomy, mechanical, pars plana approach; with removal of preretinal cellular membrane (eg, macular pucker)		X	
67042	Vitrectomy, mechanical, pars plana approach; with removal of internal limiting membrane of retina (eg, for repair of macular hole, diabetic macular edema), includes, if performed, intraocular tamponade (ie, air, gas or silicone oil)		X	
67043	Vitrectomy, mechanical, pars plana approach; with removal of subretinal membrane (eg, choroidal neovascularization), includes, if performed, intraocular tamponade (ie, air, gas or silicone oil) and laser photocoagulation		X	
67101	Repair of retinal detachment, 1 or more sessions; cryotherapy or diathermy, including drainage of subretinal fluid, when performed		X	
67105	Repair of retinal detachment, 1 or more sessions; photocoagulation, including drainage of subretinal fluid, when performed			X
67107	Repair of retinal detachment; scleral buckling (such as lamellar scleral dissection, imbrication or encircling procedure), including, when performed, implant, cryotherapy, photocoagulation, and drainage of subretinal fluid		X	
67108	Repair of retinal detachment; with vitrectomy, any method, including, when performed, air or gas tamponade, focal endolaser photocoagulation, cryotherapy, drainage of subretinal fluid, scleral buckling, and/or removal of lens by same technique		X	
67110	Repair of retinal detachment; by injection of air or other gas (eg, pneumatic retinopexy)			X
67113	Repair of complex retinal detachment (eg, proliferative vitreoretinopathy, stage C-1 or greater, diabetic traction retinal detachment, retinopathy of prematurity, retinal tear of greater than 90 degrees), with vitrectomy and membrane peeling, including, when performed, air, gas, or silicone oil tamponade, cryotherapy, endolaser photocoagulation, drainage of subretinal fluid, scleral buckling, and/or removal of lens		X	
67115	Release of encircling material (posterior segment)			X
67120	Removal of implanted material, posterior segment; extraocular			X
67121	Removal of implanted material, posterior segment; intraocular		X	
67141	Prophylaxis of retinal detachment (eg, retinal break, lattice degeneration) without drainage, 1 or more sessions; cryotherapy, diathermy			X
67145	Prophylaxis of retinal detachment (eg, retinal break, lattice degeneration) without drainage, 1 or more sessions; photocoagulation (laser or xenon arc)			X
67208	Destruction of localized lesion of retina (eg, macular edema, tumors), 1 or more sessions; cryotherapy, diathermy			X
67210	Destruction of localized lesion of retina (eg, macular edema, tumors), 1 or more sessions; photocoagulation			X
67218	Destruction of localized lesion of retina (eg, macular edema, tumors), 1 or more sessions; radiation by implantation of source (includes removal of source)			X
67220	Destruction of localized lesion of choroid (eg, choroidal neovascularization); photocoagulation (eg, laser), 1 or more sessions			X

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67221	Destruction of localized lesion of choroid (eg, choroidal neovascularization); photodynamic therapy (includes intravenous infusion)			X
67225	Destruction of localized lesion of choroid (eg, choroidal neovascularization); photodynamic therapy, second eye, at single session (List separately in addition to code for primary eye treatment)			X
67227	Destruction of extensive or progressive retinopathy (eg, diabetic retinopathy), cryotherapy, diathermy			X
67228	Treatment of extensive or progressive retinopathy (eg, diabetic retinopathy), photocoagulation			X
67229	Treatment of extensive or progressive retinopathy, 1 or more sessions, preterm infant (less than 37 weeks gestation at birth), performed from birth up to 1 year of age (eg, retinopathy of prematurity), photocoagulation or cryotherapy		X	
67250	Scleral reinforcement (separate procedure); without graft			X
67255	Scleral reinforcement (separate procedure); with graft		X	
67311	Strabismus surgery, recession or resection procedure; 1 horizontal muscle		X	
67312	Strabismus surgery, recession or resection procedure; 2 horizontal muscles		X	
67314	Strabismus surgery, recession or resection procedure; 1 vertical muscle (excluding superior oblique)		X	
67316	Strabismus surgery, recession or resection procedure; 2 or more vertical muscles (excluding superior oblique)		X	
67318	Strabismus surgery, any procedure, superior oblique muscle		X	
67320	Transposition procedure (eg, for paretic extraocular muscle), any extraocular muscle (specify) (List separately in addition to code for primary procedure)		X	
67331	Strabismus surgery on patient with previous eye surgery or injury that did not involve the extraocular muscles (List separately in addition to code for primary procedure)		X	
67332	Strabismus surgery on patient with scarring of extraocular muscles (eg, prior ocular injury, strabismus or retinal detachment surgery) or restrictive myopathy (eg, dysthyroid ophthalmopathy) (List separately in addition to code for primary procedure)		X	
67334	Strabismus surgery by posterior fixation suture technique, with or without muscle recession (List separately in addition to code for primary procedure)		X	
67335	Placement of adjustable suture(s) during strabismus surgery, including postoperative adjustment(s) of suture(s) (List separately in addition to code for specific strabismus surgery)		X	
67340	Strabismus surgery involving exploration and/or repair of detached extraocular muscle(s) (List separately in addition to code for primary procedure)		X	
67343	Release of extensive scar tissue without detaching extraocular muscle (separate procedure)		X	
67345	Chemodenervation of extraocular muscle		X	
67346	Biopsy of extraocular muscle		X	
67400	Orbitotomy without bone flap (frontal or transconjunctival approach); for exploration, with or without biopsy	X		
67405	Orbitotomy without bone flap (frontal or transconjunctival approach); with drainage only		X	
67412	Orbitotomy without bone flap (frontal or transconjunctival approach); with removal of lesion		X	
67413	Orbitotomy without bone flap (frontal or transconjunctival approach); with removal of foreign body		X	

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67414	Orbitotomy without bone flap (frontal or transconjunctival approach); with removal of bone for decompression		X	
67415	Fine needle aspiration of orbital contents			X
67420	Orbitotomy with bone flap or window, lateral approach (eg, Kroenlein); with removal of lesion	X		
67430	Orbitotomy with bone flap or window, lateral approach (eg, Kroenlein); with removal of foreign body	X		
67440	Orbitotomy with bone flap or window, lateral approach (eg, Kroenlein); with drainage	X		
67445	Orbitotomy with bone flap or window, lateral approach (eg, Kroenlein); with removal of bone for decompression	X		
67450	Orbitotomy with bone flap or window, lateral approach (eg, Kroenlein); for exploration, with or without biopsy	X		
67500	Retrobulbar injection; medication (separate procedure, does not include supply of medication)			X
67505	Retrobulbar injection; alcohol			X
67515	Injection of medication or other substance into Tenon's capsule			X
67550	Orbital implant (implant outside muscle cone); insertion		X	
67560	Orbital implant (implant outside muscle cone); removal or revision		X	
67570	Optic nerve decompression (eg, incision or fenestration of optic nerve sheath)	X		
67700	Blepharotomy, drainage of abscess, eyelid			X
67710	Severing of tarsorrhaphy			X
67715	Canthotomy (separate procedure)			X
67800	Excision of chalazion; single			X
67801	Excision of chalazion; multiple, same lid			X
67805	Excision of chalazion; multiple, different lids			X
67808	Excision of chalazion; under general anesthesia and/or requiring hospitalization, single or multiple			X
67810	Incisional biopsy of eyelid skin including lid margin			X
67820	Correction of trichiasis; epilation, by forceps only			X
67825	Correction of trichiasis; epilation by other than forceps (eg, by electrosurgery, cryotherapy, laser surgery)			X
67830	Correction of trichiasis; incision of lid margin			X
67835	Correction of trichiasis; incision of lid margin, with free mucous membrane graft			X
67840	Excision of lesion of eyelid (except chalazion) without closure or with simple direct closure			X
67850	Destruction of lesion of lid margin (up to 1 cm)			X
67875	Temporary closure of eyelids by suture (eg, Frost suture)			X
67880	Construction of intermarginal adhesions, median tarsorrhaphy, or canthorrhaphy;			X
67882	Construction of intermarginal adhesions, median tarsorrhaphy, or canthorrhaphy; with transposition of tarsal plate			X
67900	Repair of brow ptosis (supraciliary, mid-forehead or coronal approach)		X	
67901	Repair of blepharoptosis; frontalis muscle technique with suture or other material (eg, banked fascia)			X
67902	Repair of blepharoptosis; frontalis muscle technique with autologous fascial sling (includes obtaining fascia)		X	

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67903	Repair of blepharoptosis; (tarso) levator resection or advancement, internal approach			X
67904	Repair of blepharoptosis; (tarso) levator resection or advancement, external approach			X
67906	Repair of blepharoptosis; superior rectus technique with fascial sling (includes obtaining fascia)			X
67908	Repair of blepharoptosis; conjunctivo-tarso-Muller's muscle-levator resection (eg, Fasanella-Servat type)			X
67909	Reduction of overcorrection of ptosis			X
67911	Correction of lid retraction			X
67912	Correction of lagophthalmos, with implantation of upper eyelid lid load (eg, gold weight)		X	
67914	Repair of ectropion; suture			X
67915	Repair of ectropion; thermocauterization			X
67916	Repair of ectropion; excision tarsal wedge			X
67917	Repair of ectropion; extensive (eg, tarsal strip operations)			X
67921	Repair of entropion; suture			X
67922	Repair of entropion; thermocauterization			X
67923	Repair of entropion; excision tarsal wedge			X
67924	Repair of entropion; extensive (eg, tarsal strip or capsulopalpebral fascia repairs operation)			X
67930	Suture of recent wound, eyelid, involving lid margin, tarsus, and/or palpebral conjunctiva direct closure; partial thickness			X
67935	Suture of recent wound, eyelid, involving lid margin, tarsus, and/or palpebral conjunctiva direct closure; full thickness			X
67938	Removal of embedded foreign body, eyelid			X
67950	Canthoplasty (reconstruction of canthus)		X	
67961	Excision and repair of eyelid, involving lid margin, tarsus, conjunctiva, canthus, or full thickness, may include preparation for skin graft or pedicle flap with adjacent tissue transfer or rearrangement; up to one-fourth of lid margin		X	
67966	Excision and repair of eyelid, involving lid margin, tarsus, conjunctiva, canthus, or full thickness, may include preparation for skin graft or pedicle flap with adjacent tissue transfer or rearrangement; over one-fourth of lid margin		X	
67971	Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; up to two-thirds of eyelid, 1 stage or first stage		X	
67973	Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; total eyelid, lower, 1 stage or first stage		X	
67974	Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; total eyelid, upper, 1 stage or first stage		X	
67975	Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; second stage			X
68020	Incision of conjunctiva, drainage of cyst			X
68040	Expression of conjunctival follicles (eg, for trachoma)			X
68100	Biopsy of conjunctiva			X
68110	Excision of lesion, conjunctiva; up to 1 cm			X
68115	Excision of lesion, conjunctiva; over 1 cm			X
68130	Excision of lesion, conjunctiva; with adjacent sclera			X

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68135	Destruction of lesion, conjunctiva		X	
68200	Subconjunctival injection		X	
68320	Conjunctivoplasty; with conjunctival graft or extensive rearrangement			X
68325	Conjunctivoplasty; with buccal mucous membrane graft (includes obtaining graft)			X
68326	Conjunctivoplasty, reconstruction cul-de-sac; with conjunctival graft or extensive rearrangement			X
68328	Conjunctivoplasty, reconstruction cul-de-sac; with buccal mucous membrane graft (includes obtaining graft)			X
68330	Repair of symblepharon; conjunctivoplasty, without graft			X
68335	Repair of symblepharon; with free graft conjunctiva or buccal mucous membrane (includes obtaining graft)			X
68340	Repair of symblepharon; division of symblepharon, with or without insertion of conformer or contact lens			X
68360	Conjunctival flap; bridge or partial (separate procedure)			X
68362	Conjunctival flap; total (such as Gunderson thin flap or purse string flap)			X
68371	Harvesting conjunctival allograft, living donor			X
68400	Incision, drainage of lacrimal gland			X
68420	Incision, drainage of lacrimal sac (dacryocystotomy or dacryocystostomy)			X
68440	Snip incision of lacrimal punctum			X
68500	Excision of lacrimal gland (dacryoadenectomy), except for tumor; total		X	
68505	Excision of lacrimal gland (dacryoadenectomy), except for tumor; partial		X	
68510	Biopsy of lacrimal gland			X
68520	Excision of lacrimal sac (dacryocystectomy)		X	
68525	Biopsy of lacrimal sac			X
68530	Removal of foreign body or dacryolith, lacrimal passages			X
68540	Excision of lacrimal gland tumor; frontal approach		X	
68550	Excision of lacrimal gland tumor; involving osteotomy	X		
68700	Plastic repair of canaliculi			X
68705	Correction of everted punctum, cautery			X
68720	Dacryocystorhinostomy (fistulization of lacrimal sac to nasal cavity)		X	
68745	Conjunctivorhinostomy (fistulization of conjunctiva to nasal cavity); without tube		X	
68750	Conjunctivorhinostomy (fistulization of conjunctiva to nasal cavity); with insertion of tube or stent		X	
68760	Closure of the lacrimal punctum; by thermocauterization, ligation, or laser surgery			X
68761	Closure of the lacrimal punctum; by plug, each			X
68770	Closure of lacrimal fistula (separate procedure)			X
68801	Dilation of lacrimal punctum, with or without irrigation			X
68810	Probing of nasolacrimal duct, with or without irrigation;			X
68811	Probing of nasolacrimal duct, with or without irrigation; requiring general anesthesia			X
68815	Probing of nasolacrimal duct, with or without irrigation; with insertion of tube or stent			X
68816	Probing of nasolacrimal duct, with or without irrigation; with transluminal balloon catheter dilation			X
68840	Probing of lacrimal canaliculi, with or without irrigation			X

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68850	Injection of contrast medium for dacryocystography		X	
69000	Drainage external ear, abscess or hematoma; simple			X
69005	Drainage external ear, abscess or hematoma; complicated			X
69020	Drainage external auditory canal, abscess			X
69090	Ear piercing			X
69100	Biopsy external ear			X
69105	Biopsy external auditory canal			X
69110	Excision external ear; partial, simple repair			X
69120	Excision external ear; complete amputation		X	
69140	Excision exostosis(es), external auditory canal			X
69145	Excision soft tissue lesion, external auditory canal			X
69150	Radical excision external auditory canal lesion; without neck dissection		X	
69155	Radical excision external auditory canal lesion; with neck dissection	X		
69200	Removal foreign body from external auditory canal; without general anesthesia			X
69205	Removal foreign body from external auditory canal; with general anesthesia			X
69209	Removal impacted cerumen using irrigation/lavage, unilateral			X
69210	Removal impacted cerumen requiring instrumentation, unilateral			X
69220	Debridement, mastoidectomy cavity, simple (eg, routine cleaning)			X
69222	Debridement, mastoidectomy cavity, complex (eg, with anesthesia or more than routine cleaning)			X
69300	Otoplasty, protruding ear, with or without size reduction		X	
69310	Reconstruction of external auditory canal (meatoplasty) (eg, for stenosis due to injury, infection) (separate procedure)			X
69320	Reconstruction external auditory canal for congenital atresia, single stage		X	
69420	Myringotomy including aspiration and/or eustachian tube inflation			X
69421	Myringotomy including aspiration and/or eustachian tube inflation requiring general anesthesia			X
69424	Ventilating tube removal requiring general anesthesia			X
69433	Tympanostomy (requiring insertion of ventilating tube), local or topical anesthesia			X
69436	Tympanostomy (requiring insertion of ventilating tube), general anesthesia			X
69440	Middle ear exploration through postauricular or ear canal incision			X
69450	Tympanolysis, transcanal			X
69501	Transmastoid antrotomy (simple mastoidectomy)			X
69502	Mastoidectomy; complete			X
69505	Mastoidectomy; modified radical			X
69511	Mastoidectomy; radical			X
69530	Petrous apicectomy including radical mastoidectomy		X	
69535	Resection temporal bone, external approach	X		
69540	Excision aural polyp			X
69550	Excision aural glomus tumor; transcanal		X	
69552	Excision aural glomus tumor; transmastoid		X	
69554	Excision aural glomus tumor; extended (extratemporal)	X		
69601	Revision mastoidectomy; resulting in complete mastoidectomy			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
69602	Revision mastoidectomy; resulting in modified radical mastoidectomy			X
69603	Revision mastoidectomy; resulting in radical mastoidectomy			X
69604	Revision mastoidectomy; resulting in tympanoplasty			X
69605	Revision mastoidectomy; with apicectomy			X
69610	Tympanic membrane repair, with or without site preparation of perforation for closure, with or without patch			X
69620	Myringoplasty (surgery confined to drumhead and donor area)			X
69631	Tympanoplasty without mastoidectomy (including canalplasty, atticotomy and/or middle ear surgery), initial or revision; without ossicular chain reconstruction			X
69632	Tympanoplasty without mastoidectomy (including canalplasty, atticotomy and/or middle ear surgery), initial or revision; with ossicular chain reconstruction (eg, postfenestration)			X
69633	Tympanoplasty without mastoidectomy (including canalplasty, atticotomy and/or middle ear surgery), initial or revision; with ossicular chain reconstruction and synthetic prosthesis (eg, partial ossicular replacement prosthesis [PORP], total ossicular replacement prosthesis [TORP])			X
69635	Tympanoplasty with antrotomy or mastoidotomy (including canalplasty, atticotomy, middle ear surgery, and/or tympanic membrane repair); without ossicular chain reconstruction			X
69636	Tympanoplasty with antrotomy or mastoidotomy (including canalplasty, atticotomy, middle ear surgery, and/or tympanic membrane repair); with ossicular chain reconstruction			X
69637	Tympanoplasty with antrotomy or mastoidotomy (including canalplasty, atticotomy, middle ear surgery, and/or tympanic membrane repair); with ossicular chain reconstruction and synthetic prosthesis (eg, partial ossicular replacement prosthesis [PORP], total ossicular replacement prosthesis [TORP])			X
69641	Tympanoplasty with mastoidectomy (including canalplasty, middle ear surgery, tympanic membrane repair); without ossicular chain reconstruction			X
69642	Tympanoplasty with mastoidectomy (including canalplasty, middle ear surgery, tympanic membrane repair); with ossicular chain reconstruction			X
69643	Tympanoplasty with mastoidectomy (including canalplasty, middle ear surgery, tympanic membrane repair); with intact or reconstructed wall, without ossicular chain reconstruction			X
69644	Tympanoplasty with mastoidectomy (including canalplasty, middle ear surgery, tympanic membrane repair); with intact or reconstructed canal wall, with ossicular chain reconstruction			X
69645	Tympanoplasty with mastoidectomy (including canalplasty, middle ear surgery, tympanic membrane repair); radical or complete, without ossicular chain reconstruction			X
69646	Tympanoplasty with mastoidectomy (including canalplasty, middle ear surgery, tympanic membrane repair); radical or complete, with ossicular chain reconstruction			X
69650	Stapes mobilization			X
69660	Stapedectomy or stapedotomy with reestablishment of ossicular continuity, with or without use of foreign material;			X
69661	Stapedectomy or stapedotomy with reestablishment of ossicular continuity, with or without use of foreign material; with footplate drill out			X
69662	Revision of stapedectomy or stapedotomy			X

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2016 Assistant at Surgery Consensus¹				
CPT	2016 Descriptor	Almost Always	Some times	Almost Never²
69666	Repair oval window fistula			X
69667	Repair round window fistula			X
69670	Mastoid obliteration (separate procedure)		X	
69676	Tympanic neurectomy			X
69700	Closure postauricular fistula, mastoid (separate procedure)			X
69710	Implantation or replacement of electromagnetic bone conduction hearing device in temporal bone			X
69711	Removal or repair of electromagnetic bone conduction hearing device in temporal bone			X
69714	Implantation, osseointegrated implant, temporal bone, with percutaneous attachment to external speech processor/cochlear stimulator; without mastoidectomy			X
69715	Implantation, osseointegrated implant, temporal bone, with percutaneous attachment to external speech processor/cochlear stimulator; with mastoidectomy	X		
69717	Replacement (including removal of existing device), osseointegrated implant, temporal bone, with percutaneous attachment to external speech processor/cochlear stimulator; without mastoidectomy	X		
69718	Replacement (including removal of existing device), osseointegrated implant, temporal bone, with percutaneous attachment to external speech processor/cochlear stimulator; with mastoidectomy	X		
69720	Decompression facial nerve, intratemporal; lateral to geniculate ganglion		X	
69725	Decompression facial nerve, intratemporal; including medial to geniculate ganglion	X		
69740	Suture facial nerve, intratemporal, with or without graft or decompression; lateral to geniculate ganglion	X		
69745	Suture facial nerve, intratemporal, with or without graft or decompression; including medial to geniculate ganglion	X		
69801	Labyrinthotomy, with perfusion of vestibuloactive drug(s), transcanal		X	
69805	Endolymphatic sac operation; without shunt			X
69806	Endolymphatic sac operation; with shunt			X
69820	Fenestration semicircular canal		X	
69840	Revision fenestration operation		X	
69905	Labyrinthectomy; transcanal			X
69910	Labyrinthectomy; with mastoidectomy			X
69915	Vestibular nerve section, translabyrinthine approach		X	
69930	Cochlear device implantation, with or without mastoidectomy		X	
69950	Vestibular nerve section, transcranial approach	X		
69955	Total facial nerve decompression and/or repair (may include graft)	X		
69960	Decompression internal auditory canal	X		
69970	Removal of tumor, temporal bone	X		
69990	Microsurgical techniques, requiring use of operating microscope (List separately in addition to code for primary procedure)		X	

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