**Name:** **Date:**

**Competency Statement:** The perioperative RN has completed facility or health care organization-required education and competency verification activities related to smoke evacuation.1

1. Guideline for electrosurgery. *Guidelines for Perioperative Practice.* Denver, CO: AORN, Inc; 2016:119-136.

**Outcome Statement:** Not applicable

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| **Competency Statements/Performance Criteria** | **Verification Method****[Select applicable code from legend at bottom of page]** | **Not Met****(Explain why)** |
| **DEM/****DO/DA** | **KAT** | **S/SBT/****CS** | **V** | **RWM/****P&P** | **O** |
| 1. Defines surgical smoke (eg, the gaseous products of burning organic material created as a result of the destruction of tissue).
 |  |  |  |  |  |  |  |
| 1. Describes critical factors for managing surgical smoke for all procedures that generate surgical smoke.
 |  |  |  |  |  |  |  |
| 1. Identifies sources of surgical smoke (eg, lasers, electrosurgical units, ultrasonic devices, high-speed drills, burrs, saws).
 |  |  |  |  |  |  |  |
| 1. Explains the effect of particle size on speed and distance of smoke travel.
 |  |  |  |  |  |  |  |
| 1. Communicates the plan for managing surgical smoke with perioperative team members, including
2. smoke evacuation in open and laparoscopic procedures,
 |  |  |  |  |  |  |  |
| 1. the type of smoke evacuation to be used,
 |  |  |  |  |  |  |  |
| 1. placement of smoke evacuation equipment and supplies,
 |  |  |  |  |  |  |  |
| 1. the type of personal protective equipment (ie, a high-filtration mask or a fit-tested surgical N95 filtering face piece respirator) to be used, and
 |  |  |  |  |  |  |  |
| 1. patient protective measures to be implemented (eg, laparoscopic filtering devices during laparoscopic procedures).
 |  |  |  |  |  |  |  |
| 1. Selects the smoke evacuation system and supplies (eg, microports for endoscopic procedures, in-line filters, smoke evacuator units) in accordance with the procedure being performed.
 |  |  |  |  |  |  |  |
| 1. Correctly connects equipment to be used during the procedure.
 |  |  |  |  |  |  |  |
| 1. Employs ultra-low penetration air (ULPA) filter, pre-filter, and reducer as necessary.
 |  |  |  |  |  |  |  |
| 1. Tests smoke evacuation equipment before the procedure.
 |  |  |  |  |  |  |  |
| 1. Uses smoke evacuation equipment correctly during the procedure.
 |  |  |  |  |  |  |  |
| 1. Discards used smoke evacuation supplies as biohazardous waste.
 |  |  |  |  |  |  |  |
| 12. Documents management of surgical smoke evacuation accurately, completely, and legibly according to facility or health care organization policies and procedures. |  |  |  |  |  |  |  |
| 13. Verbalizes a review of policies and procedures related to smoke evacuation. |  |  |  |  |  |  |  |
| 14. Participates in quality improvement programs related to management of surgical smoke as assigned. |  |  |  |  |  |  |  |

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| **Concurrent competency verification of the following is recommended** |
| * Electrosurgery,
 | * minimally invasive surgery, and
 |
| * additional competencies related to smoke evacuation as determined by the facility or health care organization.
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