Welcome
We will begin shortly at 4:00pm MT
KRISTYN SEEMAN, MLS BSN RN CNOR
Clinical Perioperative Nurse Research Librarian
Association of periOperative Registered Nurses (AORN)
Hot Topic Virtual Forum: Agenda

MT Time Zone

4:00pm – 4:10pm - Opening with Kristyn Seeman
4:10pm – 4:30pm - Lisa Spruce: Journey to Zero Harm
4:30pm – 4:33pm – Introduce Stryker Representative
4:33pm – 4:53pm – Stryker: Our Goal is Zero
4:50pm - 5:15pm – Audience Q&A
Submit your Questions

Open the Chat box and ask our speakers your questions

We will have Q&A time at the end

AORN HOT TOPIC VIRTUAL FORUM

Safety in the OR: Journey to Zero Harm

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Lisa Spruce, DNP RN ACNP CNOR CNS-CP ACNS FAAN
Director of Evidence-Based Perioperative Practice
Association of periOperative Registered Nurses (AORN)
Part 1 – Lisa Spruce DNP RN ACNP CNOR CNS-CP ACNS FAAN
Just Culture
Communication Is

• Getting the necessary information to the right people so decisions can be made.
• The interaction among members of the surgical team.
The Impact of Poor Communication on Patient Outcomes

- Studies show that communication failures are the cause of 80 percent of adverse events.

Patient Safety Culture
Measuring a Safety Culture

• AHRQs Patient Safety Culture Surveys
• Safety Attitudes Questionnaire
Team Communication

Effective Communication

Team Training

Standardized Communication Process

Patient Safety Culture

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Team Training

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Safety in the OR: Journey to Zero Harm

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Challenges of Effective Communication
High-reliability Team
High-Performing Teams
Speaking Up

BE FEARLESS AND SPEAK NOW

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Safety in the OR: Journey to Zero Harm

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Barriers to Speaking Up

• Fear of—
  • Being embarrassed
  • Feeling stupid
  • Being ridiculed
  • Being yelled at
  • Being wrong
  • Saying something that’s not important

• Thinking that—
  • “They won’t listen anyway.”
  • “It’s not that important.”
The Solution: Structured Language

• Use special words that indicate there is a problem.
• Both the sender and the receiver need to understand these words.
The CUS Technique
Examples of Speaking Up
Team Steppss

• TeamSTEPPS is an evidence-based set of teamwork tools, aimed at optimizing patient outcomes by improving communication and teamwork skills among health care professionals.
“In a moment of decision, the best thing you can do is the right thing to do, the next best thing is the wrong thing and the worst thing you can do is nothing” Theodore Roosevelt
Resources

AORNs Guideline for Team Communication
AHRQ Surveys https://www.ahrq.gov/sops/index.html
Patient Safety Network: Culture of Safety
https://psnet.ahrq.gov/primer/culture-safety
Team Stepps
https://www.ahrq.gov/teamstepps/index.html
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Welcome to Stryker

Pat Moesta, Stryker Brand Manager, Smoke Evacuation
Patrick.moesta@stryker.com
Mission

Together with our customers, we are driven to make healthcare better.

Values

- **Integrity**: We do what’s right
- **Accountability**: We do what we say
- **People**: We grow talent
- **Performance**: We deliver
Our goal is **Zero**

*Zero splash and spills*

*Zero smoke*

*Zero retained sponges*

*Zero blind spots*

*Zero trips and falls*

*Zero drug diversion*

Zero doubt your operating room is doing everything for everyone who steps inside it – patients, surgeons, nurses and perioperative team members included.

*Zero splash and spills, zero airborne contaminants, zero smoke, zero retained surgical sponges, zero blind spots, zero trips & falls, zero drug diversion, and zero doubt messages are not guarantees and are aspirational in nature.*
Together, your OR processes and our integrative technologies create **systematic solutions** that support your journey to **zero harm**.
We are on the journey to zero together.
The basic premise in the system approach of high-reliability organizations is that humans are fallible and errors are to be expected, even in the best organizations.
**Human error** ['hjuːmən ˈɛrə] noun – deviation from intention, expectation or desirability.

**Byproduct** [bəhə-prod-uh-kət] noun – a secondary or incidental product; the result of another action, often unforeseen or unintended.
Our mutual goal is zero

Stryker has been investing in caregiver safety for two decades. We are evolving to meet the demands of your journey to Zero harm with simple solutions, education and implementation resources.
Zero splash and spills

Industry wide problem

Suction canisters can yield a 60% splash incidence rate.†

Industry standard

**OSHA Bloodborne Pathogen Standard**
Engineering controls and work practice controls will be used to prevent or minimize exposure to bloodborne pathogens.

Stryker solution

**Neptune**
The only constantly closed waste management system on the market with patented SealShut™ technology.

Industry wide problem

Slips, trips and falls account for 20% of healthcare worker lost-time injuries.†

Stryker solution

**Floor Fluid Disposables**

Disposable Quick Wick mats and suction mats that plug into the Neptune Waste Management system help keep the floor of the O.R. and procedural spaces dry.

Zero airborne contaminants

Industry wide problem

Aerosols can contain bacterial and viral particulate†

Industry standard

Key governing bodies have position statements or guidelines on smoke evacuation or with regard to filtration. See position statements below.

Stryker solution

Protecting you from the air you breathe

Neptune comes standard with integrated HEPA and ULPA filters, SafeAir Compact with an ULPA filter, and we have a comprehensive suite of smoke evacuation accessories.

Currently, the best practice for mitigating possible infectious transmission during open, laparoscopic and endoscopic procedures...includes proper room filtration and ventilation, appropriate PPE, and smoke evacuation devices with a suction and filtration system, as available.***

Transmission Based Protocols Guideline includes Airborne precautions discussing use of HEPA filters, and Surgical Smoke Safety Guideline states that "health care organization[s] should provide a surgical smoke-free work environment."**

If available, use a closed suction system during airway suctioning.

HEPA filters and air exchanges are recommended in and around intubation and general anesthesia practices.

Use smoke evacuator when electrocautery is used.**

AORN

ACS

APSF + ASA

SAGES

†Infections As a Aerobiology and its Role in the Transmission of Infectious Diseases (J of Pathogens, Volume 2013, pg 1-13)

Note: Neptune is not specifically intended for infectious transmission prevention.
Surgical smoke contains **150+** chemicals and **16** EPA priority pollutants.†

**Rhode Island and Colorado**
Have passed smoke-free legislation and at least 8 more states have surgical plume legislation on their dockets.

**Comprehensive smoke evacuation portfolio**
Neptune and the SafeAir Compact provide ULPA filtration for standardizing open smoke evacuation. Pair with any of our ergonomic smoke evacuation solutions including the standard and telescoping SafeAir bovies, smoke evacuating advanced energy *PhotonBlade*, smoke evacuating retractors and smoke evacuation tubing.

*Intended to be used with an effective smoke evacuation system. Please refer to the IFU for more details.
Standardization opportunity

Neptune

Smoke solutions

SurgiCount
Our goal is Zero splash and spills
Zero airborne contaminates
Zero smoke
Zero retained sponges
Zero blind spots
Zero trips and falls
Zero drug diversion
Our goal is **zero**

Standardized solutions to reduce risks & hazards in **every** OR
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Part 2 – Tools and Strategies for Effective Team Communication

Tuesday, December 8 from 4:00-5:30pm MT

Hot Topic Presenters:
- Lisa Spruce, DNP, CNOR, CNS-CP, FAAN, AORN Director of Evidence-Based Perioperative Practice
- Erin VanBogelen, Stryker Brand Manager, Invuity
- Katie Hollerbach, Stryker Brand Manager, Neptune

Register now at: https://www.aorn.org/events/hot-topics