



## Safety in Practice

# Helping to reduce the risk of surgical site infections

A programmatic approach to implementing OR and Central Sterile best practice guidelines

Surgical site infections (SSIs) account for one-third of all healthcare associated infections.<sup>1</sup>

**How does your organization compare with other hospitals and health systems for SSI events?**

**What are your goals for SSI reduction?**

**Are the policies and procedures in your perioperative and sterile processing departments based on the latest standards of care?**

Through our Safety-in-Practice offering, 3M provides the clinical expertise, data analytics, and guidance that can help your organization:

- Determine your SSI risk profile via peer benchmarking
- Identify specific improvement opportunities and metrics to track your progress
- Create a detailed plan of action and implement best practices to help achieve your SSI reduction goals



The cost of an SSI, according to JAMA, ranges from \$18,902 to \$22,667<sup>2</sup>

1

### ASSESSMENT:

#### Defining the scope and focus

An effective improvement plan begins with assessing your current situation. Our professionals will analyze your SSI rates using information from the Medicare Provider Analysis and Review (MEDPAR) database. The results of this analysis are benchmarked across findings from peer organizations nationwide to identify areas of strength in your organization and those areas that may need improvement.

2

### ON-SITE REVIEW:

#### Understanding compliance to national guidelines

Based on the focus areas that emerge during the assessment, 3M registered nurses and certified central processing professionals are deployed to the sites of your choosing to conduct onsite reviews using 3M patented\* analytical methods. During these reviews, they evaluate your OR and Central Sterile practices based on relevant national guidelines including those from the Association of Perioperative Registered Nurses (AORN), the Association for the Advancement of Medical Instrumentation (AAMI), and the Centers for Disease Control (CDC.)

3

### ACTION PLAN:

#### Creating a roadmap for improvement

3M clinicians work with your leadership team to understand the issues uncovered through interviews, observation and analysis of your data. We then recommend a plan of action on how your site(s) can improve their clinical practices to gain alignment with national guidelines. Based on your preference, you can implement this roadmap on your own or in collaboration with 3M's clinical and technical teams.

\*U.S. Patents 8,447,624 and 8,595,029



## 4

### IMPLEMENTATION:

#### Sharing risk to achieve your goals

For those organizations that wish to collaborate with 3M throughout the implementation process, we offer a unique risk-sharing arrangement that establishes a shared goal to help reduce SSI rates. This partnership includes guidance on 3M products and services for the OR and Central Sterile, the assistance of 3M change management and nursing professionals, and a customized clinical education package that can be implemented across your enterprise.

#### Insights that can lead to better outcomes

Adhering to evidence-based practices in the OR and Central Sterile can play a key role in helping hospitals and health systems lower SSI rates and improve patient outcomes.<sup>3</sup> Through 3M Safety in Practice, your organization has the opportunity to engage experienced, objective professionals to evaluate how well your facilities adhere to these guidelines and provide practical recommendations for improvement. You can remove variation and stand behind your commitment to quality care by ensuring that your staff not only understands these guidelines but puts them into daily practice.



#### Operating Room Review

An on-site review of operating room practices can include:

- Traffic patterns
- Surgical attire
- Hand hygiene and surgical hand antisepsis
- Hair removal
- Patient skin prep and adherence to manufacturers' directions for use
- Aseptic technique
- Patient warming
- Environmental cleaning
- Immediate use sterilization



#### Sterile Processing Review

An on-site review of medical device reprocessing practices can include:

- Personnel considerations
- Facility design
- Handling, collecting, and transporting of contaminated items
- Cleaning and decontamination
- Instrument inspection and packaging
- Steam sterilization
- Sterile storage
- Documentation

[Request an Assessment](#)



## 3M: Your Partner in Safety

Talk to your 3M account manager to discuss how we can work together to achieve your safety goals.



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