



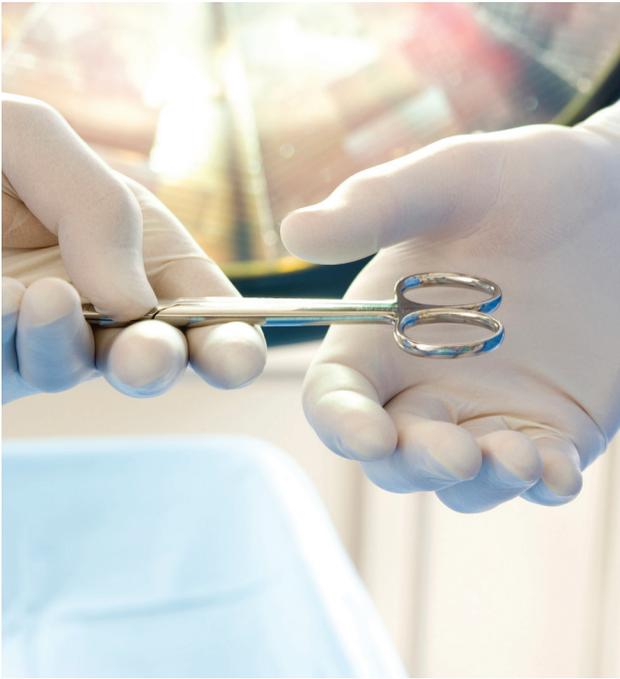
**Science.
Applied to Life.™**



3M Surgical Solutions for Ambulatory Surgery Centers

**How to help reduce the risk of complications
for patients having surgery.**

Key factors contributing to the risk of complications in patients undergoing surgery.



Are you taking every step possible to protect your patients?

Despite hard work to reduce incidents, healthcare-acquired infections (HAIs) continue to be a serious problem and contribute significantly to inpatient morbidity and death each year.¹ The Centers for Disease Control states that surgical site infections (SSIs) are one of the leading HAIs.²

While the overall incidence of surgical site infections is low, when infections occur — they can be devastating and costly. Reducing infections cannot be achieved with a single initiative, process or solution. Instead, all avenues of prevention must be explored and implemented.

3M surgical solutions include evidence-based products, education and training that help prevent the risks of costly complications and improve patient satisfaction.

Three key elements to reducing complications.

As your trusted partner in protecting patients, we share your goal of minimizing complications, including reducing the risk of cross contamination and infections. And we want to do everything in our power to help you achieve this.

We believe there are three key elements to reaching this goal: people, practice and products. It's an effort that requires exacting standards of care, a commitment from the care team to methodically adhere to those strategies, and technology that adds an additional layer of protection.





Preventing complications takes knowledge and commitment. 3M can help.

Technology and solutions alone cannot improve the quality of care. Achieving the intended benefits of 3M solutions relies on the informed and consistent use of these products, as well as adherence to guidelines and best practices — all of which require ongoing education and support. 3MSM Health Care Academy and Resources can help.

3MSM Health Care Academy

3M Health Care Academy offers online continuing education for healthcare professionals and contains over 50 free courses. This education resource is dedicated to helping you focus on deepening your expertise and improving patient care.

For more information visit:
3M.com/learningconnection

3M Resources

3M sales representatives and clinical specialists can help facilities implement the use of 3M solutions and help you achieve ongoing compliance.

We can assist with:

- Ongoing training and support.
- Clinical expertise regarding standards, processes and guidelines.
- Clinical knowledge on how 3M products can help you achieve successful outcomes.
- Planning resources and guidance.

Every touchpoint matters. Your patients

Comprehensive Patient Preparation

Preparing a patient for surgery isn't just about readiness for the procedure, it's also about helping to protect a patient from bacteria on their skin that have the potential to cause surgical site infections.

Start with patient bathing

Before surgery, it's important to remove as many contaminants as possible from the patient's skin. The primary way to do this is to have the patient bathe, shower with soap or an antiseptic, or use a disposable CHG wipe.



Perform one-time nasal decolonization

A one-time application of a nasal antiseptic formulated for the nares can decrease *S. aureus* by 99.5% in one hour.³ Antiseptic solutions are now being used by some providers to decolonize the nares instead of five-day antibiotic regimens.



Manage patient core temperature

Unintended hypothermia can result in significant negative outcomes such as SSIs, coagulopathy and more. Have protocols in place to maintain normothermia throughout the perioperative journey, including pre/intra/post-operative warming, and continuous, non-invasive core temperature monitoring.⁴⁻⁸ 3M can help your ASC meet core temperature management requirements that comply with the ASC 13 Normothermia Outcome Measure.⁹



Remove hair safely

When hair removal is indicated, guidelines recommend using a clipper to remove hair before surgery.¹⁰⁻¹² Hair removal should be done outside the operating room to minimize loose hairs that could contaminate a surgical procedure.



Choose the right surgical skin prep

Surgical skin preps reduce a patient's bacterial load prior to surgery. Guidelines recommend using a dual-active prep containing alcohol when not contra-indicated.¹⁰⁻¹² Effective surgical preps should withstand the unique challenges of surgery, including resistance from rinsing and wiping.



Prevent wound contamination with a powerful barrier

Create a sterile surface at the beginning of surgery with antimicrobial incise drapes. This physical, sterile barrier helps prevent contamination of the wound during surgery.



Helping to
reduce costly
complications and
improve patient
experience.



depend on you to protect them from infection.

Sterilization Monitoring



Infection prevention is everyone's responsibility and can start with clean sterilized instruments; which is why trusted cleaning and sterilization monitoring is so important. Having a streamlined and simplified sterilization assurance monitoring solution can help reduce human error and assist teams to work more effectively.

Reducing Risk at All Access Points

Throughout a patient's surgical journey, it is important to take steps to help reduce the risk of bloodstream infections before they start and to help minimize the risk of cross contamination.



Clean hands. Protect patients.

Proper hand hygiene reduces bacterial transfer that can potentially lead to infection and protects patients. A surgical hand antiseptic that combines CHG and alcohol can provide rapid antimicrobial kill and proven persistence.¹⁴



Reduce risk at all access points.

All IVs, including peripheral intravenous (PIV) catheters have the potential to be contaminated. In fact, PIVs are estimated to be responsible for approximately 1.6 million infections each year globally.¹³ Incorporating disinfecting port protectors and CHG-containing dressings can help to protect from both intraluminal and extraluminal contamination.



Close. Protect. Cover.

Surgical site infections disrupt the healing process. Implementing a comprehensive incision care program which includes proper closure, adding a protective barrier and using a dressing that is able to provide a protective environment can help reduce the risk of infection and ensure the wound heals properly.



Reduce the risk of cross-contamination.

Minimizing cross-contamination: To combat cross-contamination, federal and CDC guidelines increasingly suggest that some items, such as adhesive tapes, should not be shared between patients.^{15,16}

Evidence-based solutions powered by 3M science.

Sterilization



3M™ Attest™ Sterilization Monitoring Solutions for Steam and VH2O2

The Attest™ brand advantage offers a portfolio of sterilization assurance products across modalities providing you a standardized, simplified and streamlined approach to monitor load control, pack control, exposure control and equipment control (steam only). 3M recommends a core set of 3 to 4 products in each sterilization modality to help you comply with recommended guidelines. The 24-minute dual system works with any-well technology and delivers BI results for both steam and vaporized hydrogen peroxide sterilization in one reader.

*When used with 3M™ Attest™ Auto-reader 490 or the Attest™ Auto-reader 490H with software version 4.2.7 or greater.

Patient Preparation



3M™ Skin and Nasal Antiseptic

(Povidone-Iodine Solution 5% w/w [0.5% available iodine] USP) Patient Preoperative Skin Preparation

Contains 3M film-forming polymer. Maintains efficacy for 12 hours.³

Temperature Monitoring



3M™ Bair Hugger™ Temperature Monitoring System

Accurate, non-invasive, continuous, consistent solution for monitoring of core body temperature.



3M™ Bair Hugger™ Warming Blankets and Gowns

Widest range of best-in-class patient warming products that play a critical role in maintaining normothermia.



3M™ Surgical Clippers

Multiple options to meet your surgical and budget needs.



3M™ DuraPrep™ Surgical Solution

(Iodine Povacrylex [0.7% available iodine] and Isopropyl Alcohol, 74% w/w) Patient Preoperative Skin Preparation

An Iodine-based surgical skin prep, which contains 3M™ Prep Protection Film to form a persistent and durable layer of protection. Available in both 26mL and 6mL applicators.



3M™ Ioban™ 2 Antimicrobial Incise Drapes

Protective barrier protects against prep wash-off by liquids commonly encountered during surgical procedures. Contains iodophor-impregnated adhesive to provide continuous broad-spectrum antimicrobial activity all the way to the incision edge.

Reducing Risk at All Access Points



3M™ Avagard™ Surgical and Healthcare Personnel Hand Antiseptic with Moisturizers

(Chlorhexidine gluconate 1% solution and Ethyl alcohol 61% w/w)

The first and only FDA NDA approved waterless brushless surgical hand antiseptic with two active ingredients that ensures sustained antimicrobial activity. The immediate bacterial kill of ethanol and the long-term action of CHG help protect patients for up to 6 hours.¹⁹



3M™ Tegaderm™ Antimicrobial Dressings

Chlorhexidine gluconate (CHG) formulated into the dressing adhesive has proven to sustain the suppression of regrowth of skin flora on prepped skin.¹⁹



3M™ Curoso™ Disinfecting Port Protectors

Consistent use of 3M™ Curoso™ Disinfecting Caps on I.V. needleless connectors is associated with decreased risk of CLABSI.¹⁸ Using a peripheral line bundle that includes 3M™ Curoso™ Disinfecting Caps and 3M™ Curoso Tips™ Disinfecting Caps provides effective disinfection. Effective disinfection of needleless connectors and male luers on peripheral lines has been associated with a significant decrease in the risk of primary peripheral bloodstream infections (PLABSI).²⁰



3M™ Steri-Strip™ Antimicrobial Skin Closures

Provide a non-invasive alternative to sutures or staples that may help lower the risk of SSIs. The iodophor adhesive has broad-spectrum activity against the most common pathogens causing surgical site infections.¹⁷



3M™ Tegaderm™ +Pad Dressings*

Provides an effective viral and bacterial barrier to some of the most common SSI organisms, which helps support post-operative healing while keeping your patients comfortable. Tegaderm +Pad dressings are a versatile option with a variety of sizes available.

*In vitro testing shows that the transparent film dressing provides a viral barrier from viruses 27 nm in diameter or larger while the dressing remains intact without leakage.



Single-use Rolls of Tape

3M offers several tapes in single-patient use rolls to help reduce the risk of infection that can be caused by cross contamination, minimizing waste. 3M™ Kind Removal Silicone Tape, ideal for fragile skin and 3M™ Durapore™ Advanced Surgical Tape which provides exceptional adhesion in challenging conditions.



To learn how 3M can help you minimize the risk of costly complications and increase patient satisfaction:

- ▶ Contact your 3M Sales Representative
- ▶ Call the 3M Health Care helpline at 1.800.228.3957
- ▶ Visit 3M.com/ASCsolutions

1. ahrq.gov/professionals/quality-patient-safety
2. U.S. Department of Health & Human Services, Agency for Healthcare Research & Quality (AHRQ). <http://www.ahrq.gov/qual/hals.htm>
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