

Evidence-based solution helps reduce risk.

Discover how 3M™ loban™ 2 Antimicrobial Incise Drapes effectively help prevent wound contamination.

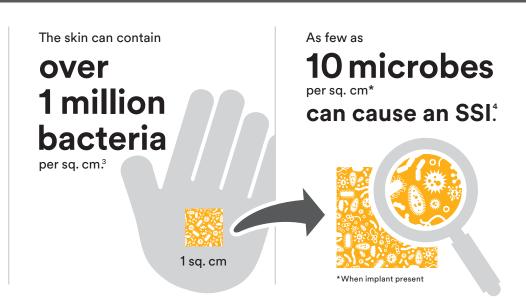
Evidence shows that applying an antimicrobial incise drape is a critical step in reducing the risk of wound contamination that may be associated with Surgical Site Infection (SSI).



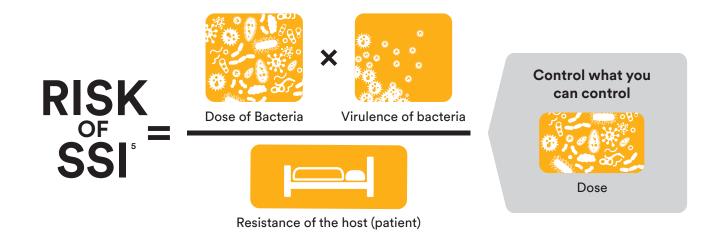
Problem: A major source of surgical site infections is microorganisms on a patient's own skin.^{1,2}



Bacteria on patients' skin can lead to SSIs:2



Solution: By reducing the number of microorganisms, we can help reduce the risk of infection. The variable we can most affect is the dose of bacteria on the patient's skin.

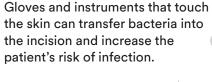


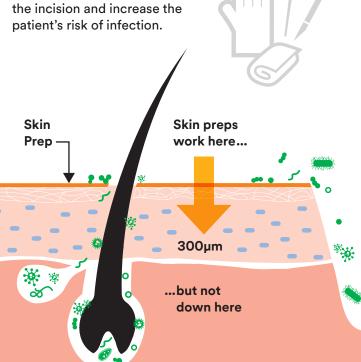
Problem: Preps alone are not enough.

Solution: Use an antimicrobial incise drape.

There are always residual microbes on the skin surface, and bacteria in deeper skin layers and in hair follicles that can migrate to the skin surface.

Skin preps are antimicrobial and reduce the number of microbes on the skin surface, but bacteria in the deeper layers may remain.





To help prevent contamination and create a sterile surface, you need more than a surgical prep to help prevent residual microbes from getting into the incision.

Iodine in a 3M[™] Ioban[™] 2 Antimicrobial Incise Drape is present in the deeper layers of the skin.

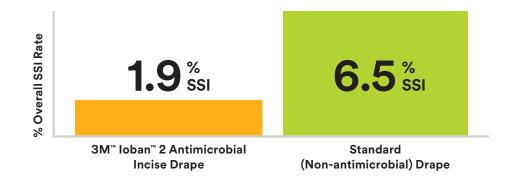
In a recent ex vivo study on human skin, the iodine in a 3M[™] Ioban[™] 2 Antimicrobial Incise Drape was shown to be present at concentrations effective against methicillin-resistant Staphylococcus aureus (MRSA) at a depth of 1000 microns, reaching the deeper layers of the skin where hair follicles are present.6

Recent studies show the effectiveness of using an antimicrobial incise drape in surgery.

Evidence: 3M™ loban™ 2 Antimicrobial Incise Drape was shown to be a cost effective intervention associated with a significantly lower incidence of overall SSI 7 (P=.001).

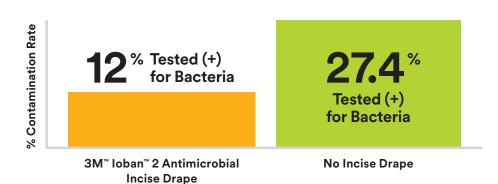
The rate of SSIs was reduced by 71%.

This delivered overall cost savings of \$828,000 or about \$1,025 per patient.



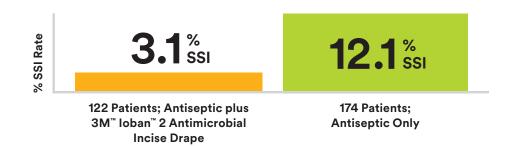
Evidence: 3M™ loban™ 2 Antimicrobial Incise Drapes were shown to be significantly more effective at reducing microbial contamination vs. using no drape⁸ (P=.031).

Rate of contamination at the incision site after surgery was significantly reduced.



Evidence: Using a 3M™ loban™ 2 Antimicrobial Incise Drape showed significant reduction in infection rate compared to using no incise drape⁹ (P=.01).

Wound infection rate was significantly reduced.



Guidelines are shifting to distinguish between the benefits of antimicrobial and non-antimicrobial incise drapes.

Organization	Key Guidance / Recommendations
AORN (2018) ¹⁰	Adhesive incise drapes without antimicrobial properties should not be used. Iodophor-impregnated adhesive incise drapes may be used in accordance with the manufacturer's IFU, unless contraindicated by a patient's allergy to iodine. [1: Strong Evidence]
APSIC	When using adhesive drapes, do not use non-iodophor-impregnated drapes for surgery as they may increase the risk of surgical site infection. (IE)
(2018)11	• In orthopaedic and cardiac surgical procedures where adhesive drapes are used, consider using an iodophor-impregnated incise drape, unless the patient has an iodine allergy or other contraindication. (IIB)
NICE (2008, updated in 2017) ¹²	 Do not use non-iodophor-impregnated incise drapes routinely for surgery as they may increase the risk of surgical site infection. If an incise drape is required, use an iodophor-impregnated drape unless the patient has an iodine allergy.
NHMRC (2010) ¹³	Do not use non-iodophor-impregnated incise drapes routinely for surgery as they may increase the risk of surgical site infection. If an incise drape is required, use an iodophor-impregnated drape unless the patient has an iodine allergy.
KRINKO (2018) ¹⁴	Increase of SSI due to the non-antiseptically impregnated incision drape is reversed with using an antimicrobial incise drape.

Infection Prevention.

Proven patient protection.

3M[™] Ioban[™] 2 Antimicrobial Incise Drapes provide a sterile surface at the beginning of surgery to help reduce the risk of contamination. Make Ioban 2 Antimicrobial Incise Drapes a part of your surgical program to help prevent SSIs.

Visit go.3m.com/lobanDrapes

- to download the clinical evidence summaries.
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 14. Commission for Hospital Hygiene and Infection Prevention (KRINKO) at RKI, Prevention of Commission for Infection Commission
- postoperative wound infections. 2018.



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