

A barrier to bacterial contamination

- Silicone delivery liner assists easy release of 3M™ loban™ 2 Antimicrobial Incise Drape onto the skin.
- 3M™ loban™ 2 Adhesive remains the same, ensuring excellent adhesion to the skin.
- ‘Easy Delivery’ system for a faster application of the 3M™ loban™ 2 Antimicrobial Incise Drape EZ.



What's on your patient's skin?

What's on your patient's skin when you get ready to operate?

The following is the summary of a study generated by the 3M Infection Prevention Discovery Centre.

New evidence presented in this study:

- A percentage of the patient population naturally host larger numbers of skin bacteria than others. These are referred to as “high counters”.
- After surgical site disinfection, these “high counters” continue to harbour significant levels of skin organisms.
- The rate of “high counters” in the general population is about one in every three to four people.
- Efficacy of the preps varied with test subject.

The more we learn about the largest of our human organs, the skin, the more we understand the microbial challenge it presents. The skin is a living organ that provides an effective barrier to the outside microbial world.

In this study, eight subjects were prepped with common antiseptic solutions.

What we found out:

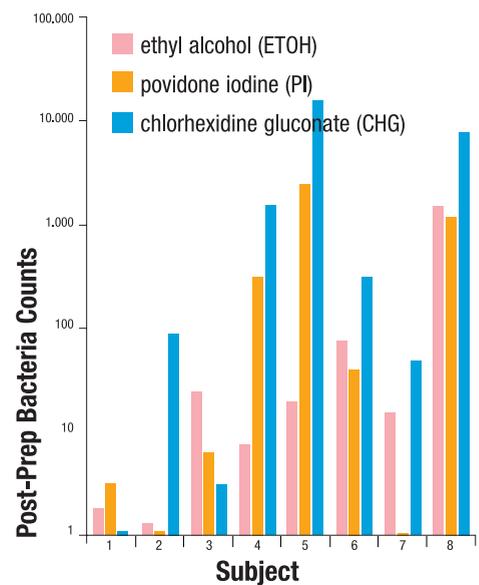
- Efficacy of the preps varied with test subject
- It was related in part to initial bacterial density on the skin
- Although all preps reduced bacterial counts by at least one log, individual responses varied:
- 70% ETOH reduced more bacteria than PI on one subject while PI worked better than 70% ETOH on another subject.

We are not created microbiologically equal - even after prepping, you never know how many bacteria remain on the skin.

As long as we are not able to identify “high counters” we should use incise drapes to create a sterile field around the incision.

3M's Infection Prevention Discovery Centre continues to study this area and other topics in asepsis. Best practice is achieved through the sophisticated skills of health care professionals combined with sound scientific study. For more than 50 years, 3M has offered health care providers innovative solutions designed to enhance patient outcomes.

Prep Efficacy (Post-Prep) by Subject





3M™ Ioban™ 2 Antimicrobial Incise Drapes

Proven antimicrobial activity

The new Ioban 2 antimicrobial incise drape EZ not only incorporates the 'Easy Delivery' application feature, but also have a new polyethylene backing liner which results in a faster application and removal.

3M™ Ioban™ 2 Antimicrobial Incise Drape - 6661EZ unique framed delivery system enables simplified, one-person application

All Ioban 2 antimicrobial incise drapes offer the following:

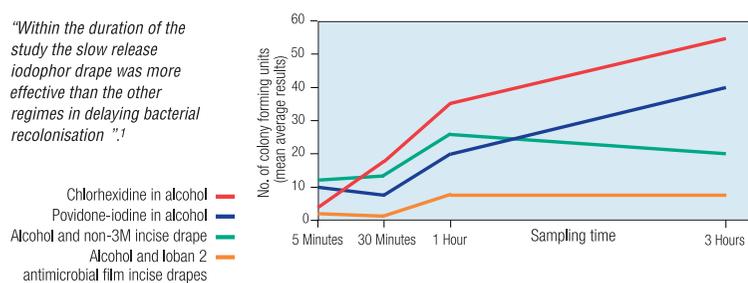
- Iodophor for sustained antimicrobial activity throughout the procedure.
- Low memory stretch allows limb mobilisation or heavy retraction with reduced tension to the skin.
- High moisture vapour transmission rate allows the skin to 'breathe' ensuring improved adhesion throughout the longest procedures.
- Highly conformable to body contours making it suitable for all types of surgery.



Rate of bacterial recolonisation of the skin after preparation: four methods compared

Here is how Ioban 2 antimicrobial incise drapes compare

"Within the duration of the study the slow release iodophor drape was more effective than the other regimes in delaying bacterial recolonisation".¹



1. Johnston D.H., Fairclough J.A., Brown E.M., Morris R: Rate of bacterial recolonisation of the skin after preparation: four methods compared. Br. J. Surg. 1987; 74 p64.



"Although medical science has made significant advances in the field of antimicrobial agents, the late infection of elective surgical cases by skin organisms remains a major problem especially in the field of orthopaedic surgery. The use of an iodophor impregnated drape such as the Ioban 2 antimicrobial incise drape has a significant role to play in potentially reducing wound contamination by skin flora."

Professor John Fairclough,
Consultant Orthopaedic Surgeon,
University Hospital of Wales, Cardiff.

Application and removal of loban 2 antimicrobial incise drape EZ

Application



Disinfect the skin with your usual skin preparation.

Rationale

- The purpose of skin prepping is to reduce microbial flora with the least amount of tissue irritation.

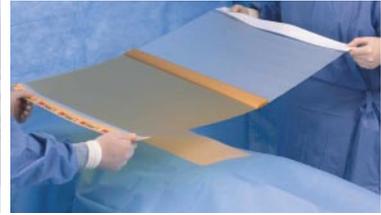
Allow the skin preparation agent to dry completely.

Rationale

- Pressure-sensitive adhesives will not adhere to wet surfaces.



Using two people, remove the liner on the 3M incise drape.



Rationale

- This will keep slight tension on the drape and keep it wrinkle-free during application.



Hold the drape over the intended incision site with adequate tension, but without overstretching.

Rationale

- Applying the drape without stretching avoids skin tension and assists maintenance of skin integrity.
- Excessive tension at the wound edge can cause the film to lift.



Smooth the drape first along the intended incision line with a sterile towel.

Working away from the incision line, smooth the remainder of the drape into place.

Rationale

- If the drape is adhered securely at the wound edge, it reduces the likelihood of bacteria entering the wound.
- Sufficient contact between the iodophor adhesive and the skin is necessary to provide antimicrobial activity that cannot be washed away.



After the drape has been applied, remove the card handle from the drape.

Removal



Prior to skin closure
Create a crease in the drape by pinching the film near the incision's edge.

Rationale

- Creates a 'handle' for easy removal.



Pull up on crease, separating the drape from the skin at the incision's edge, exposing up to three centimetres of skin surface.
Proceed with closure.

Rationale

- Separating the drape from the skin at the incision's edge exposes the skin for closure.



After skin closure

Before removing the drape, first cover the incision with the dressing.

Rationale

- Protects the incision site during drape removal.



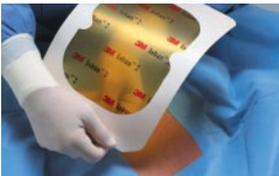
Remove the loban 2 incise drape EZ by supporting the skin, not the drape and gently folding back at 180° on itself. Do not pull the drape.

Rationale

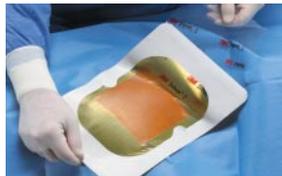
- Maintains skin integrity while allowing safe and easy drape removal.
- Pulling on the drape could damage the patient's skin.

Application of the framed delivery 3M™ loban™ 2 Antimicrobial Incise Drape - 6661EZ

Application



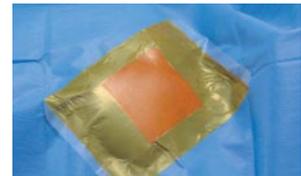
Grasp tabs and align drape over incision site



Adhere drape to the sterile field as release liner is peeled away



Remove frame...



Begin procedure.

Guidance for 3M Incise Drapes

Do

- Apply to prepped, dry skin
- Apply using slight tension
- Remove by peeling drape at 180° angle whilst supporting the skin

Do not

- Overstretch the drape during application
- Defibrillate through the drape
- Use loban 2 antimicrobial incise drapes on iodine-sensitive patients.



3M™ Steri-Drape™ Incise Drapes

Steri-Drape incise drapes are sterile adhesive drapes which provide a sterile operating surface

Steri-Drape 2 incise drapes . . .

- Are made of a breathable film which provides superior adhesion especially during critical and long surgical procedures.
- Have unique low memory stretch to allow limb mobilisation or heavy retraction reducing the tension applied to the skin.
- Are highly conformable, allowing smooth adhesion to all contours of the body.



- Reduce or eliminate the need for towel clips by stabilising surgical drape sheets.

Steri-Drape 1 incise drapes . . .

- Are the original incise drapes which are totally impermeable, have a pressure sensitive adhesive and provide a sterile operating surface.



3M™ Incise Drapes

Ordering information

3M™ Ioban™ 2 Antimicrobial Incise Drapes EZ

3M Cat No.	Product	Overall Size	Adhesive Area	Items per box	Boxes per Case
6635	Treatment Incise 	15cm x 20cm	10cm x 20cm	10	4
6640EZ	Small Incise 	60cm x 35cm	35cm x 35cm	10	4
6650EZ	Medium Incise 	90cm x 45cm	60cm x 45cm	10	4
6648EZ	Large Incise 	90cm x 60cm	60cm x 60cm	10	4
6651EZ	Extra Large Incise 	90cm x 85cm	60cm x 85cm	10	4

3M™ Ioban™ 2 Antimicrobial Incise Drape - 6661EZ unique framed delivery system

3M Cat No.	Product	Overall Size	Adhesive Area	Items per box	Boxes per Case
6661EZ	Treatment Incise 	30cm x 20cm	26cm x 20cm	50	2

3M™ Steri-Drape™ 2 Incise Drapes

3M Cat No.	Product	Overall Size	Adhesive Area	Items per box	Boxes per Case
2035	Treatment Incise 	20cm x 20cm	10cm x 20cm	10	4
2037	Special Incise 	38cm x 25cm	28cm x 25cm	10	4
2040	Small Incise 	38cm x 41cm	28cm x 41cm	10	4
2045	Medium Incise 	60cm x 45cm	50cm x 45cm	10	4
2050	Large Incise 	90cm x 60cm	60cm x 60cm	10	4
2051	Extra Large Incise 	90cm x 85cm	60cm x 85cm	10	4

3M™ Steri-Drape™ 1 Incise Drapes

3M Cat No.	Product	Overall Size	Adhesive Area	Items per box	Boxes per Case
1035	Treatment Incise 	15cm x 20cm	10cm x 20cm	10	4
1037	Special Incise 	29cm x 25cm	19cm x 25cm	10	4
1040	Small Incise 	60cm x 35cm	35cm x 35cm	10	4
1050	Large Incise 	82cm x 45cm	60cm x 45cm	10	4
1051	Extra Large Incise 	82cm x 85cm	60cm x 85cm	10	4

3M HEALTH CARE FREE EXCHANGE SCHEME

We recognise that lists and procedures are subject to last minute changes.

Therefore your Theatre Products Representative will be happy to exchange any uncontaminated, opened and unused 3M surgical drape or surgical gown, free of charge, for a new sterile drape or gown.

Backed by the 3M reputation for innovation and quality.

The 3M range of incise drapes is designed to provide a sterile operating surface for all types of surgery.

Effectively preventing bacterial migration, the superior performance characteristics and adhesion of 3M incise drapes make them an ideal choice even for long operating procedures. For more information on 3M Infection Prevention products please contact Customer Services on the numbers below.



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