



**Prevena™**  
Incision Therapy

**PRM** | Proactive Risk Management (PRM)  
with 3M™ Prevena™ Therapy

3M™ Prevena™ Therapy

# Help protect in the OR and beyond.

Scientifically engineered for surgeons to help protect incisions, optimize the healing environment, and help reduce the incidence of postoperative complications.





## Protecting outcomes beyond the OR.

In an increasingly complex healthcare environment, surgeons are faced with a unique set of challenges that can negatively impact outcomes. Challenges like complex or extended surgeries, fewer resources for postoperative care, and increasing patient comorbidities may contribute to postoperative complications that adversely affect healing once patients are discharged from your care.

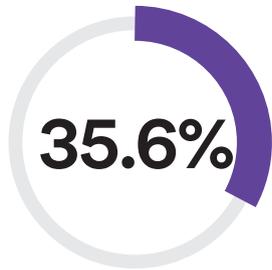
Postoperative complications challenge multiple clinicians with consequences that ripple across care settings, like extended hospital stays, disrupted healing, readmissions and reoperation that impact quality metrics, cost of care, and patient outcomes.

Effectively managing the risk of postoperative complications is a priority, now more than ever.

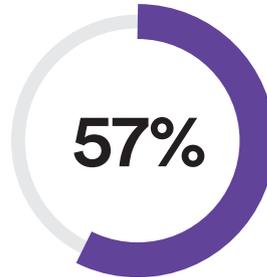
# The costly reality of at-risk incisions.

The high costs associated with surgical site infections (SSIs) indicate an immediate need for effective at-risk incision management.

## Surgical site infections



SSIs account for 35.6% of all healthcare-associated infections (HAIs)\*<sup>1</sup>



57% of early knee revisions due to Prosthetic Joint Infections (PJI) require urgent surgery†<sup>2</sup>



Annual cost from SSIs\*<sup>3</sup>  
Additional one year infection-related costs from SSIs in ortho surgery is \$61,474\*<sup>3</sup>



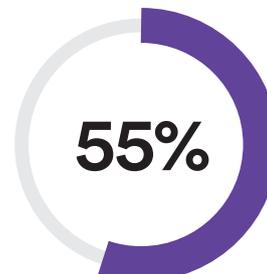
Arthroplasty patients who develop an SSI have on average a 35.1 day longer hospital stay\*<sup>4</sup>



Increased stay for patients with early hip revision due to PJI versus primary replacement patients†<sup>2</sup>



Increased hospital cost per inpatient stay for patients with revision total hip arthroplasty with infection versus primary total hip arthroplasty\*<sup>5</sup>



Knee revisions within the first 90 days that are caused by primary joint infection\*<sup>5</sup>

\*In Canada  
†In the U.S.

# Managing and protecting surgical incisions with 3M™ Prevena™ Therapy.

Prevena Therapy closed incision negative pressure therapy (ciNPT) helps protect the incision site after surgery for up to 14 days, extending your control over postoperative healing and helping patients at risk of developing complications.



Acting as a barrier to external contamination<sup>6</sup>



Delivering continuous -125 mmHg up to 14 days



Helping to hold incision edges together<sup>6</sup>



Decreasing lateral tension of sutured/stapled incisions<sup>7</sup>



Removing fluids and infectious materials\*



Reducing edema<sup>8</sup>

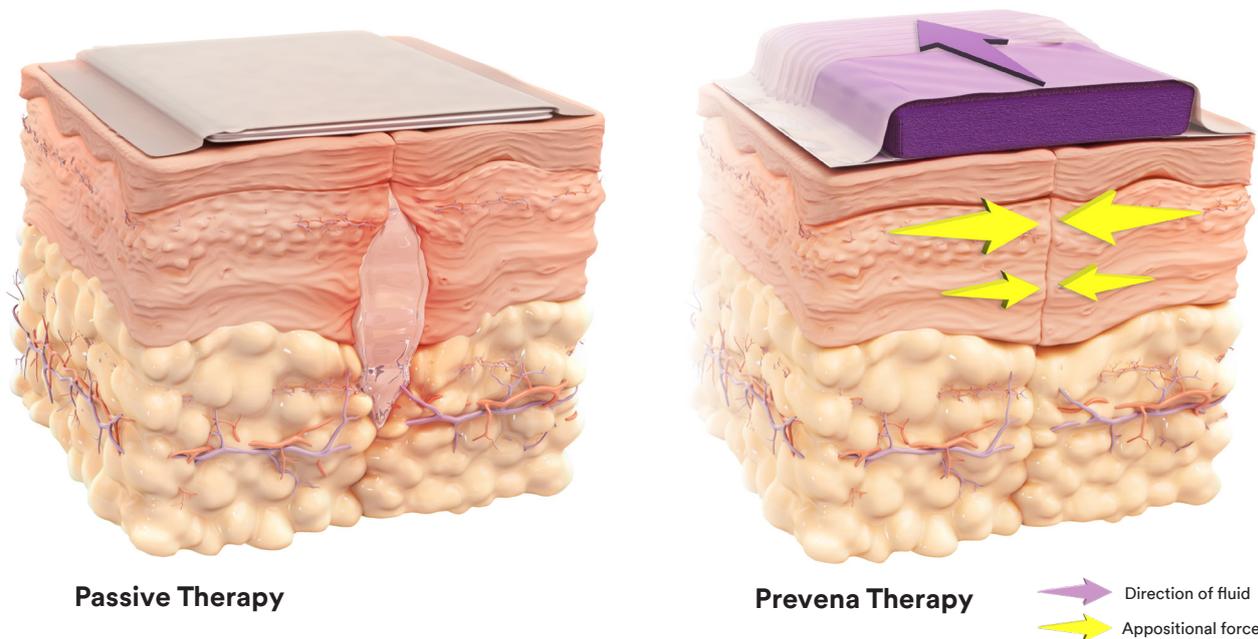
\*In a canister.

3M™ Prevena™ Dressings and 3M™ Prevena Restor™ Dressings can be applied to various procedures and anatomical locations.

# The science of 3M™ Prevena™ Therapy.

3M has pioneered negative pressure wound therapy for over 25 years. Prevena Therapy uses continuous -125 mmHg negative pressure wound therapy, reticulated open cell foam (ROCF) dressing technology, and optimized exudate management (replaceable canister) to help enhance healing. Visible and audible safety alarms automatically notify clinicians and patients of system alerts.

**Prevena Therapy helps hold the incision edges together, reduces lateral tension, and allows for improved fluid management.<sup>7-9</sup>**

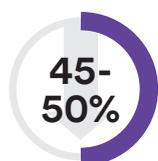


## Advanced incision management.

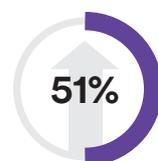
Incisions create uneven lateral tension that may compromise the integrity of the incision site. Additionally, uneven lateral tension can create subcutaneous incisional spaces that may permit fluid accumulation. To help address these potential complications, Prevena Therapy helps maintain the apposition of the incisional forces and the stress distribution in the layers of the skin, similar to normal uninjured tissue.<sup>7</sup>



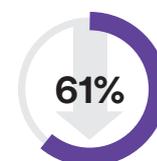
**Reduction in lateral strain along the incision to relieve tension created by suture<sup>17</sup>**



**Decrease in lateral tensile stress along the incision with superficial and deep sutures<sup>17</sup>**



**Stronger approximation of the incision at staple lines<sup>17</sup>**



**Reduced incisional width vs. competitor<sup>§9</sup>**

<sup>†</sup>Based on a finite element analysis model.  
<sup>‡</sup>Based on a benchtop model.

<sup>§</sup> Based on a comparative bench study<sup>\*/\*\*</sup>.  
<sup>\*</sup>Under controlled conditions.

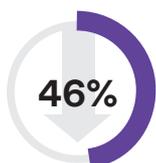
<sup>\*\*</sup>This calculation was derived based on relative strain measurements reported in this study.  
Note: 100% closure for Prevena Therapy vs. 39% closure for Smith & Nephew PICO (61%) when measured after 1 hour of negative pressure application.

# Clinically demonstrated to help safeguard incisions while helping to minimize risk.

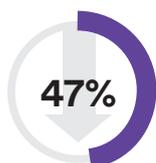
A wealth of clinical evidence supports the safety and effectiveness of 3M™ Prevena™ Therapy versus conventional wound dressings across multiple surgical specialties. These specialties include cardiac, general/abdominal, obstetrics, orthopedics, plastic, and vascular surgeries.

Additionally, a 2023 meta-analysis<sup>10</sup> of 84 studies demonstrated that Prevena Therapy helped significantly reduce the risk of various surgical site complications (SSCs) while helping to improve health economic outcomes.

## Clinical complications\*



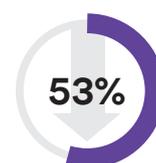
**Reduction in SSCs**  
46 studies;  $p < 0.001^\dagger$



**Reduction in surgical site infections (SSIs)**  
65 studies;  $p < 0.001^\dagger$



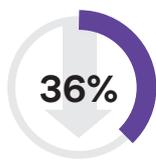
**Reduction in superficial SSIs**  
21 studies;  $p < 0.001^\dagger$



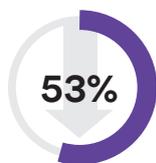
**Reduction in deep SSIs**  
23 studies;  $p = 0.002^\dagger$



**Reduction in seromas**  
27 studies;  $p = 0.004^\dagger$

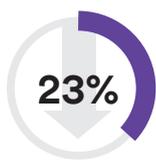


**Reduction in dehiscence**  
38 studies;  $p = 0.022^\dagger$

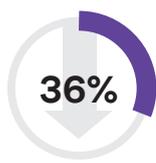


**Reduction in skin necrosis**  
10 studies;  $p = 0.001^\dagger$

## Health economic outcomes\*



**Reduction in readmission**  
24 studies;  $p = 0.039^\dagger$



**Reduction in reoperation**  
40 studies;  $p < 0.001^\dagger$



**Reduction in hospital stay length**  
25 studies;  $p < 0.001^\dagger$

# Backed by science. Utilized by millions.

Prevena Therapy is utilized and trusted by millions of surgeons to help manage closed incisions for at-risk patients and procedures.



**200**  
peer-reviewed  
clinical articles<sup>‡</sup>



**30**  
randomized  
controlled trials<sup>‡</sup>

\*Calculation(s) are derived based on the relative patient group incidence rate reported in this study.

<sup>†</sup>Statistically significant ( $p < 0.05$ ).

<sup>‡</sup>As of November 2022.

# Advanced incision management across multiple specialties.

3M™ Prevena™ Therapy is available in several configurations and sizes to meet the needs of the surgeon and coverage of various surgical procedures and anatomical locations.



# Protection meets versatility.

3M™ Prevena™ Dressings and 3M™ Prevena Restor™ Dressings utilize proprietary reticulated open-cell foam (ROCF) technology to deliver negative pressure wound therapy to help protect, bolster, and stabilize closed incisions.

## 3M™ Prevena™ Dressings



**3M™ Prevena™ Peel and Place Dressings**  
Designed for ease of use for linear incisions up to 35 cm.



**3M™ Prevena™ Customizable Dressing**  
Designed for flexibility and user customization for linear incisions up to 90 cm.

## 3M™ Prevena Restor™ Dressings

Integrated peel and place dressings are designed for application over the incision and surrounding soft tissue.



**3M™ Prevena Restor™ Arthro•Form™ Dressing**



**3M™ Prevena Restor™ Bella•Form™ Dressing**

See Prevena Therapy Patient and Clinician Guides for additional details.

# Compatible with 3M negative pressure wound therapy devices.



## 3M™ Prevena™ Plus 125 Therapy Unit

One single-use negative pressure wound therapy unit compatible with all 3M™ Prevena™ Dressings.

### Negative pressure options:

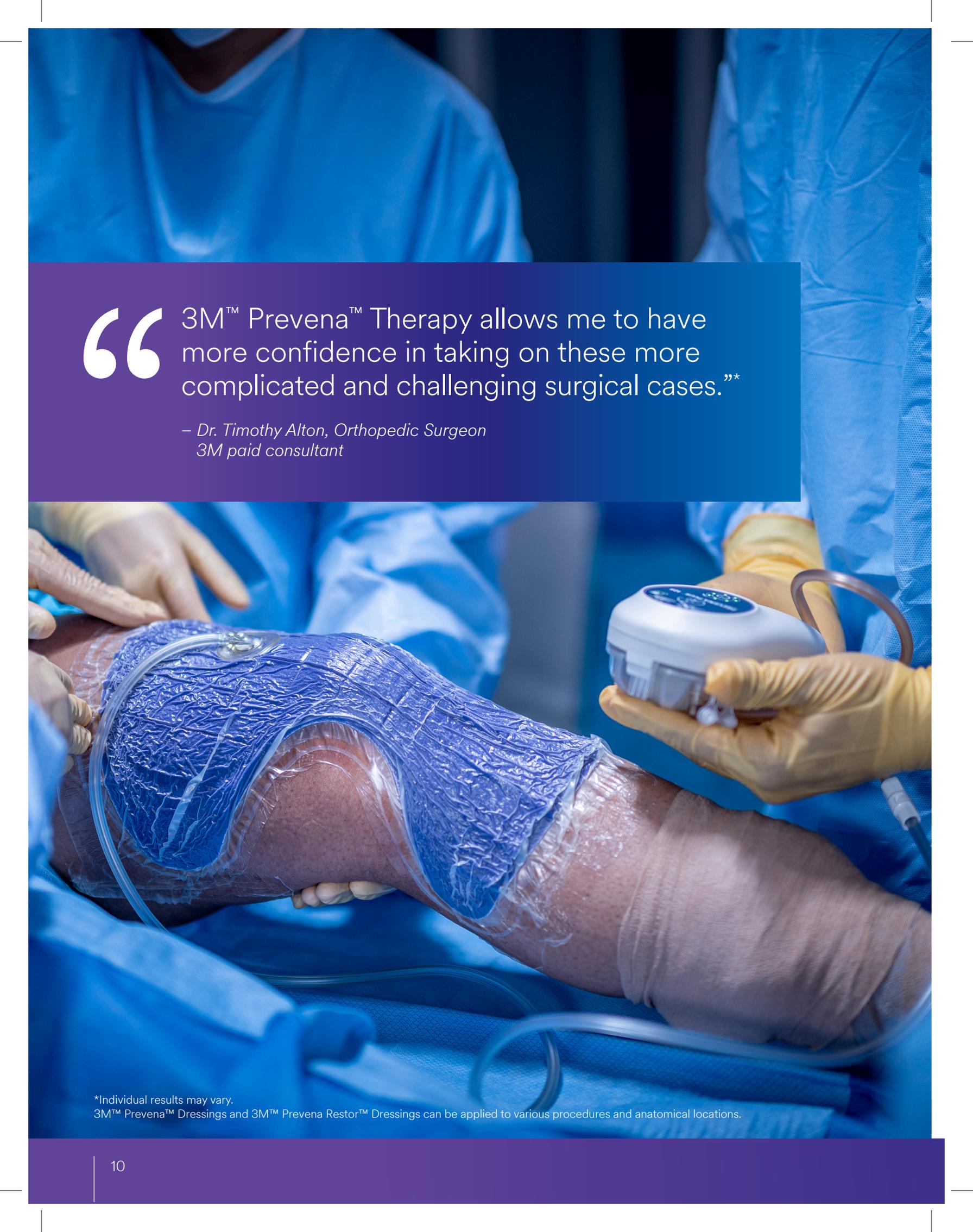
- Pre-set, continuous negative pressure wound therapy at -125 mmHg for up to 7 or 14 days (with dressing changes every 7 or 14 days)
- Disposable, single patient use
- Rechargeable battery

### Specifications:

- Dimensions: Approx 8.9 × 16.3 × 5.49cm
- Weight with empty canister: 0.64lbs (0.29kg)

**Prevena Dressings are also compatible with 3M traditional negative pressure wound therapy devices:**  
3M™ V.A.C.® Ultra Therapy Unit and 3M™ ActiV.A.C.® Therapy Unit





“ 3M™ Prevena™ Therapy allows me to have more confidence in taking on these more complicated and challenging surgical cases.”\*

– Dr. Timothy Alton, Orthopedic Surgeon  
3M paid consultant

\*Individual results may vary.  
3M™ Prevena™ Dressings and 3M™ Prevena Restor™ Dressings can be applied to various procedures and anatomical locations.

## Additional customer resources:



Live clinical training and product support  
3M educates thousands of healthcare professionals annually



Clinical and technical support



Free product evaluation program



Centralized, on demand clinical and technical support

## Ordering Information

SKU	Description	UOM
<b>Therapy Devices</b>		
PRE4010	3M™ Prevena™ Plus 125 Therapy Unit – 14 day	Each
<b>Dressings</b>		
PRE1155	3M™ Prevena™ Peel and Place Dressing – 13 cm	Case of 5
PRE1055	3M™ Prevena™ Peel and Place Dressing – 20 cm	Case of 5
PRE3255	3M™ Prevena™ Plus Peel and Place Dressing – 35 cm	Case of 5
PRE4055	3M™ Prevena™ Plus Customizable Dressing	Case of 5
PRE5055	3M™ Prevena Restor™ Arthro●Form™ Dressing – 33 cm x 30 cm	Case of 5
PRE5155	3M™ Prevena Restor™ Arthro●Form™ Dressing – 46 cm x 30 cm	Case of 5
PRE5255	3M™ Prevena Restor™ Bella●Form™ Dressing – 21 cm x 19 cm	Case of 5
PRE5355	3M™ Prevena Restor™ Bella●Form™ Dressing – 24 cm x 22 cm	Case of 5
PRE5455	3M™ Prevena Restor™ Bella●Form™ Dressing – 29 cm x 27 cm	Case of 5
<b>Accessories</b>		
PRE1095	3M™ Prevena™ 45 ml Canister	Case of 5
PRE4095	3M™ Prevena™ Plus 150 ml Canister	Case of 5
<b>Kits</b>		
PRE1101	3M™ Prevena™ Incision Management System – 13 cm	Each
PRE1001	3M™ Prevena™ Incision Management System – 20 cm	Each
PRE3201	3M™ Prevena™ Plus Incision Management System – 35 cm	Each
PRE4001CA	3M™ Prevena™ Plus Customizable Incision Management System	Each
PRE1121	3M™ Prevena™ Duo Incision Management System – 13 cm/13 cm	Each
PRE5001	3M™ Prevena Restor™ Arthro●Form™ Incision Management System – 33 cm x 30 cm	Each
PRE5101	3M™ Prevena Restor™ Arthro●Form™ Incision Management System – 46 cm x 30 cm	Each
PRE5221	3M™ Prevena Restor™ Bella●Form™ Incision Management System – 21 cm x 19 cm	Each
PRE5321	3M™ Prevena Restor™ Bella●Form™ Incision Management System – 24 cm x 24 cm	Each
PRE5421	3M™ Prevena Restor™ Bella●Form™ Incision Management System – 29 cm x 27 cm	Each

# Help protect your patients beyond the OR with 3M™ Prevena™ Therapy.

For more information or to request an evaluation, contact your 3M representative or visit [3M.ca/Prevena](https://3M.ca/Prevena).

**NOTE: Specific indications, limitations, contraindications, warnings, precautions and safety information exist for these products and therapies. This material is intended for healthcare professionals only. Please consult a clinician and product Instructions for Use prior to application.**

## References:

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