



**Prevena Restor™**  
Postoperative Recovery

# Rethink recovery in orthopedic surgery

Gain the confidence and control to help patients achieve the best possible outcomes.



# Recognizing the risks of orthopedic surgery

You have complete confidence in the OR. But after discharge, countless recovery challenges can impact both short- and long-term outcomes. Complications like swelling, dehiscence and infections can jeopardize patient mobilization and even lead to reoperations.

Orthopedic surgery generally has a

**5%** mean rate of complications<sup>1\*</sup>

Procedures with the highest reported complication rates:

**24-27%**  
Lower extremity fractures<sup>1</sup>

**8-12%**  
Revision hip and knee arthroplasty<sup>1</sup>

**13-30%**  
wound complication rate with lower extremity amputations<sup>2,3</sup>

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**9.9%**

30-day readmission rate<sup>4</sup> for orthopedics

**5.8%**

30-day readmission rate<sup>4</sup> for amputations

\*Note: NSQIP data captured 5368 complications within top orthopedic procedures including minor complications (UTIs) and major complications (death).



**How can you help ensure your hard work is protected, and your patient is on the path to recovery?**

**You need a tool that can help control recovery once patients leave your care.**

# Rethink recovery with 3M™ Prevena Restor™ Therapy

**Prevena Restor Therapy helps provide protection and reduces edema by managing the incision and surrounding soft tissue.**

The first therapy system to provide 14 days of continuous -125 mmHg negative pressure therapy\* with expanded coverage for the incision and surrounding soft tissue.

Prevena Restor Therapy offers patients comprehensive protection with dressings designed for a variety of anatomical locations. Each dressing, combined with negative pressure, provides stabilization to the surgical site and creates a strong barrier to external contaminants, helping patients at risk of developing complications.<sup>5-7</sup>

## 3M™ Prevena Restor™ Dressings

Pre-shaped designs for peel and place application



3M™ Prevena Restor™  
Arthro•Form™ Dressing



3M™ Prevena Restor™  
Axio•Form™ Dressing

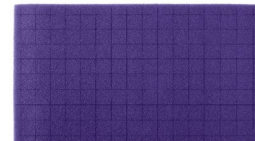


3M™ Prevena Restor™  
Bella•Form™ Dressing



3M™ Prevena Restor™  
Roto•Form™ Dressing

Designed for flexibility  
and user customization



3M™ Prevena Restor™  
Adapti•Form™ Dressing

**Prevena Restor Therapy can be applied  
to a variety of anatomical locations, including:**



Ankle



Knee



Hip



Upper extremity

**Now you can extend your control after discharge to help protect the surgical incision and surrounding soft tissue, support patient compliance with rehab protocols, and set the stage for an optimized recovery.**

\*Up to 14 days of therapy with a dressing change required at 7 days.



# Optimize care with 3M™ Prevena Restor™ Therapy



## Extended therapy time

Up to 14 day (dressing change required after 7 days)



## Precision designed

Dressings seamlessly conform to the patient



## Expanded coverage area\*

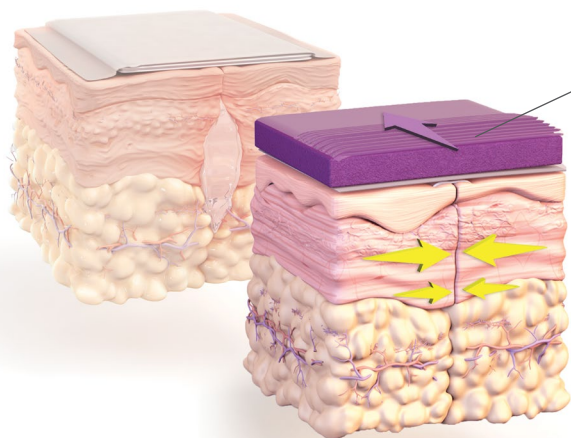
Larger dressings deliver therapy to the incision *and* surrounding soft tissue envelope



## Easy to use

A variety of peel-and-place dressings are available, plus a customizable option

## Prevena Restor Therapy is built on the proven technology of the original 3M™ Prevena™ Therapy



### Prevena Therapy science and mechanism of action

- Delivers continuous negative pressure therapy (-125 mmHg) to the incision site (up to 7 days)
- Helps hold incision edges together<sup>8</sup>
- Removes fluid and infectious materials<sup>9</sup>
- Creates a barrier to external contaminants<sup>5</sup>
- Reduces edema<sup>10</sup>

### 3M™ Prevena Restor™ Incision Management System indication statement

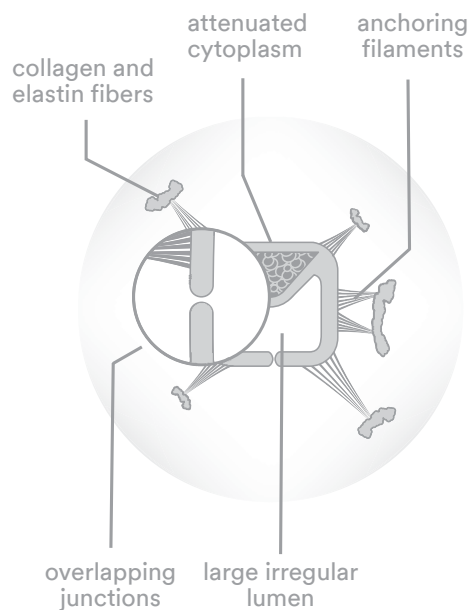
The Prevena Restor Incision Management System is intended to manage the environment of surgical incisions that continue to drain following sutured or stapled closure, by maintaining a closed environment and removing exudates via the application of negative pressure therapy.

\*Compared with 3M™ Prevena™ Dressings.

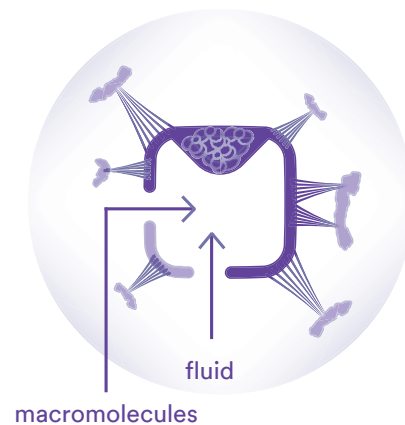
# How 3M™ Prevena™ Therapy reduces edema

The effects of negative pressure applied to intact skin via Prevena Therapy were evaluated using finite element analysis (FEA).<sup>11</sup>

**Closed terminal lymphatic pore**  
(overlapping endothelial cells)<sup>12</sup>



**Open terminal lymphatic pore**  
(separated endothelial cells)<sup>12</sup>



**Based on the analysis, it is hypothesized that volumetric expansion may help<sup>11</sup>:**

- 1 Expand the tissue beneath the dressing, pulling the tissue open
- 2 Lower local interstitial fluid pressure
- 3 Open lymphatics to allow fluid clearance

**Tissue beneath the dressing is expanded, not compressed.**

# 3M™ Prevena Restor™ Therapy: Real-world experience

Contact your local 3M representative or go to [Prevena.com/Restor](http://Prevena.com/Restor) for more real-world Prevena Restor Therapy case studies.



## Pilon fracture open reduction internal fixation

*Photo courtesy of Ravi Karia, MD; Department of Orthopaedics,  
University Health San Antonio, San Antonio, TX*



## Revision total hip joint arthroplasty

*Photo courtesy of Yavonne L. Johnson, PA-C, Evan Argintar, MD;  
Washington, DC.*



## Revision total knee joint arthroplasty

*Photo courtesy of Yavonne  
L. Johnson, PA-C, Evan  
Argintar, MD; MedStar  
Washington Hospital Center,  
Washington, DC*



## Lower extremity amputation

*Photo courtesy of Julie West,  
PA, MBA, Ohio State University  
Wexler Medical Center,  
Columbus, OH.*

As with any case study, the results and outcomes should not be interpreted as a guarantee or warranty of similar results. Individual results may vary depending on the patient's circumstances and condition.

# 3M™ Prevena Restor™ Therapy— your comprehensive approach to recovery

**Rethink recovery with Prevena Restor Therapy.**



**Helps protect  
the surgical site**



**Reduces  
edema**



**Optimizes  
the healing  
environment**



**Enhances  
the recovery  
experience**



**Contact your local representative to  
learn more about Prevena Restor Therapy.**



## Ordering Information

SKU	Description	UOM
<b>Therapy Devices</b>		
PRE4000US	3M™ Prevena™ Plus 125 Therapy Unit – 7 day	Each
PRE4010	3M™ Prevena™ Plus 125 Therapy Unit – 14 day	Each
<b>Dressings</b>		
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
PRE5555	3M™ Prevena Restor™ Axio·Form™ Dressing – 29 cm x 28 cm	Case of 5
PRE5655	3M™ Prevena Restor™ Roto·Form™ Dressing – 29 cm x 31 cm	Case of 5
PRE6055	3M™ Prevena Restor™ Adapti·Form™ Dressing – 49 cm x 28 cm	Case of 5
<b>Accessories</b>		
PRE4095	3M™ Prevena™ Plus 150 ml Canister	Case of 5
<b>Kits</b>		
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 22 cm	Each
PRE5421	3M™ Prevena Restor™ Bella·Form™ Incision Management System – 29 cm x 27 cm	Each
PRE5501	3M™ Prevena Restor™ Axio·Form™ Incision Management System – 29 cm x 28 cm	Each
PRE5601	3M™ Prevena Restor™ Roto·Form™ Incision Management System – 29 cm x 31 cm	Each
PRE6001	3M™ Prevena Restor™ Adapti·Form™ Incision Management System – 49 cm x 28 cm	Each

**Note: The data referenced in this brochure was derived from studies using the 3M family of negative pressure technology, but not specifically 3M™ Prevena Restor™ Therapy.**

**Note: Specific indications, limitations, contraindications, warnings, precautions, and safety information exist for these products and therapies. Please consult a clinician and product instructions for use prior to application. Rx only.**

### References:

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