



**Prevena Restor™**  
Postoperative Recovery



# Engineering solutions to empower clinicians.

Evolution of closed incision  
negative pressure management

# Customer Ingenuity.

Forward-thinking clinicians began investigational studies applying 3M™ V.A.C.® Therapy to closed incisions. What these surgeons observed was that negative pressure augmented the healing environment of surgical incisions.<sup>1</sup>

**The Research and Development team at 3M devised a series of preclinical studies to better understand the science behind what clinicians were seeing and reporting.**

Four things were understood from these initial studies:





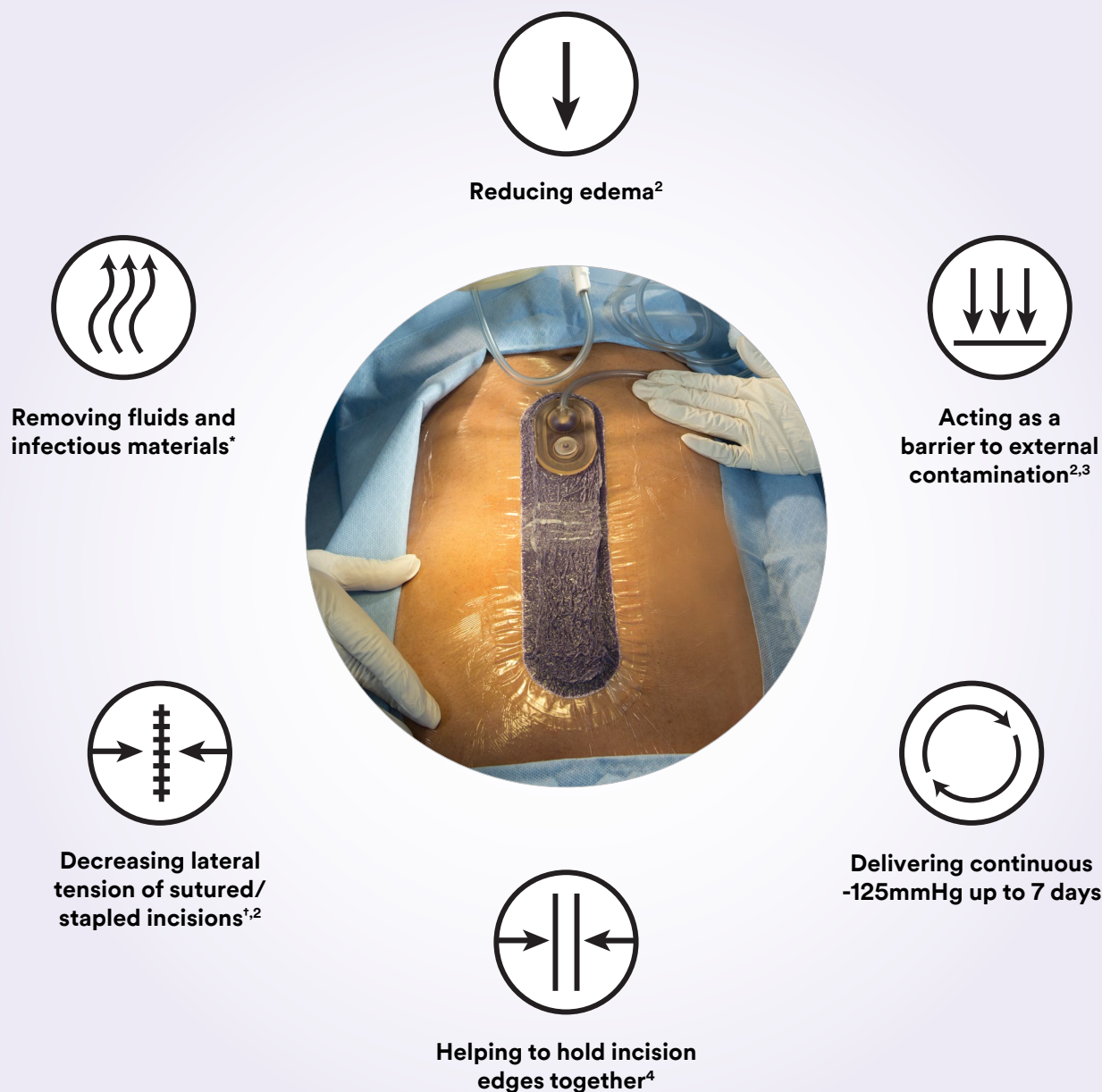


# The innovative response.

## 3M™ Prevena™ Therapy.

In 2010, surgeons had a new negative pressure therapy option for managing and protecting closed incisions—Prevena Therapy. Prevena Therapy solved several issues identified by customers, it provides pre-assembled peel and place NPT dressings that allows quick and easy application onto the incision.

**Early adopters of Prevena Therapy were surgeons wanting a solution to aid in reducing surgical site complications and improving patient outcomes. Prevena Therapy delivered to the surgeon a new tool that supported their efforts by:**



<sup>\*</sup>In a canister

<sup>†</sup>In computer and bench models

**The Reticulated Open Cell Foam dressing collapses onto its geometric center, under -125mmHg. This brings the incision edges together, reduces lateral tension, and also allows for improved fluid management.<sup>2,5,6,†</sup>**



**3M™ Prevena™ Therapy helps focus on avoiding surgical site complications.**

Prevena Therapy focuses on reducing surgical site complications, such as SSIs, aiding physicians and facilities in reducing the associated costs and burden that comes with them.

The robust amount of data on Prevena Therapy has shown reduction in SSIs and seromas, which is directly linked to cost avoidance associated with the surgical site complications.<sup>7</sup>

In 2019, robust amount of clinical evidence led to Prevena Therapy to be the first and only medical device indicated by FDA to:

- Aid in reducing seromas
- Aid in reducing superficial surgical site infections in class I and class II wounds, in high risk patients\*

\*The effectiveness of Prevena Therapy in reducing the incidence of SSIs and seroma in all surgical procedures and populations has not been demonstrated. See full indications for use and limitations at [mykci.com](http://mykci.com)

**3M™ Prevena™ Therapy dressings:**

- deliver therapy to the incision to help minimize post-operative surgical site complications
- are designed for linear incisions, non-linear and intersecting incisions



3M™ Prevena™ Peel and Place Dressing – 13cm



3M™ Prevena™ Peel and Place Dressing – 20cm



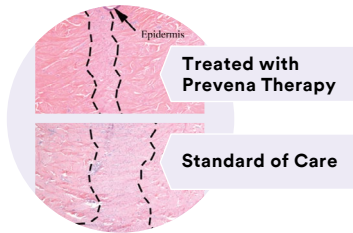
3M™ Prevena™ Plus Peel and Place Dressing – 35cm



3M™ Prevena™ Plus Customizable Dressing – 90cm

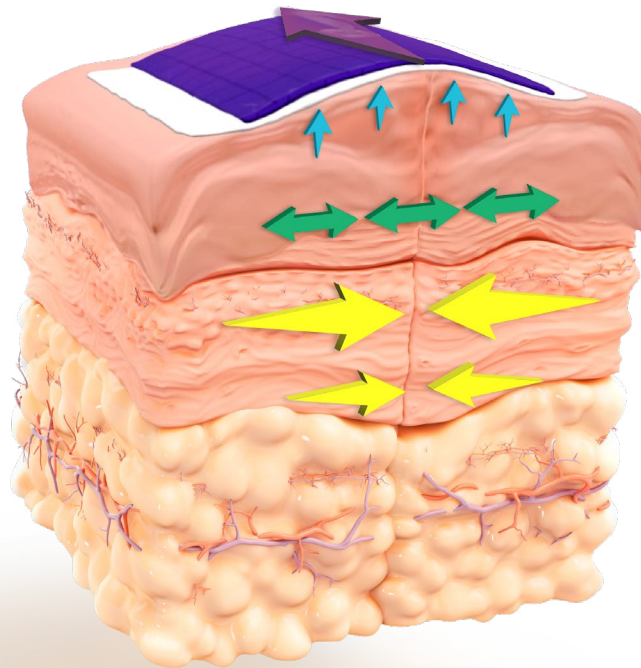
# The benefits of expanded soft tissue coverage.

The multidimensional approach of negative pressure therapy over incisions and the surrounding soft tissue



**Narrower scar formation<sup>8\*</sup>**

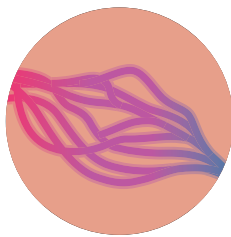
- Lymphatic flow
- Tissue decompression
- Direction of fluid
- Appositional force



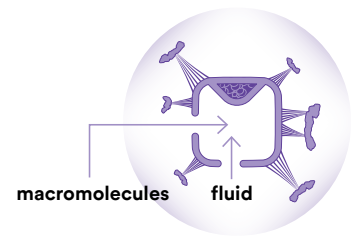
\*porcine histology  
†animal model



**Improved quality of healed incisions; enhanced gene-expression properties<sup>8,†</sup>**



**Augmented perfusion<sup>10,11</sup>**



**Opening of lymphatics to allow fluid clearance<sup>5,9,††</sup>**



## Tissue Expansion

Tissue beneath the dressing is expanded, not compressed. Studies have demonstrated a reduction in hematoma/seroma beneath the dressing.<sup>5,12,13</sup>

<sup>††</sup>Two sets of ventral contralateral subcutaneous dead spaces with overlying sutured incisions were created in 8 swine

**NOTE:** 3M™ Prevena Restor™ dressings were not used in the studies referenced above  
Information contained within conducted animal studies have not been evaluated by the U.S. Food & Drug Administration.





# Prevena Restor™

Postoperative Recovery

## Using science to improve patient outcomes

### 3M™ Prevena Restor™ Therapy – optimizing care to deliver therapy to the incision and surrounding soft tissue.

Science and collaboration are at the heart of everything 3M develops to enhance patient focused outcomes.

3M has invested, researched, and is advancing the science to optimize Prevena Therapy.

Working in collaboration with surgeons, benefits of Prevena Therapy were identified not only at the incision site, but also to the surrounding soft tissue area.

Prevena Restor Therapy was developed to allow clinicians to now manage closed incisions and the surrounding soft tissue with expanded dressing coverage and increasing to 14 days of therapy (Dressing change required after 7 days).

#### 3M™ Prevena Restor™ Therapy dressings:

- deliver therapy to the incision and surrounding soft tissue envelope help optimize post-operative recovery
- are designed for expanded coverage to bolster, stabilize, and help reduce edema to the post-operative surgical site



#### 3M™ Prevena Restor™ Arthro●Form™ Dressing

- 33cm x 30cm
- 46cm x 30cm



#### 3M™ Prevena Restor™ Axio●Form™ Dressing

- 29cm x 28cm



#### 3M™ Prevena Restor™ Bella●Form™ Dressing

- 21cm x 19cm
- 24cm x 22cm
- 29cm x 27cm

Part Number	Description
PRE5001	3M™ Prevena Restor™ Arthro●Form™ Incision Management – 33cm x 31.3cm
PRE5055	3M™ Prevena Restor™ Arthro●Form™ Dressing – 33cm x 30cm
PRE5101	3M™ Prevena Restor™ Arthro●Form™ Incision Management System – 46cm x 30cm
PRE5155	3M™ Prevena Restor™ Arthro●Form™ Dressing – 46cm x 30cm
PRE5221	3M™ Prevena Restor™ Bella●Form™ Incision Management System – 21cm x 19cm
PRE5255	3M™ Prevena Restor™ Bella●Form™ Dressing – 21cm x 19cm
PRE5321	3M™ Prevena Restor™ Bella●Form™ Incision Management System – 24cm x 22cm
PRE5355	3M™ Prevena Restor™ Bella●Form™ Dressing – 24cm x 22cm
PRE5421	3M™ Prevena Restor™ Bella●Form™ Incision Management System – 29cm x 27cm
PRE5455	3M™ Prevena Restor™ Bella●Form™ Dressing – 29cm x 27cm
PRE5501	3M™ Prevena Restor™ Axio●Form™ Incision Management System – 29cm x 28cm
PRE5555	3M™ Prevena Restor™ Axio●Form™ Dressing – 29cm x 28cm
PRE4000US	3M™ Prevena™ Plus 125 Therapy Unit – 7 day
PRE4010	3M™ Prevena™ Plus 125 Therapy Unit – 14 day

For more information about 3M™ Prevena™ Therapy or 3M™ Prevena Restor™ Therapy, please contact your 3M Account Manager, call **1-800-275-4524** or visit **prevena.com**.

#### References:

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12. Kilpadi DV, Akella NS, Grothues H. In vivo evaluation of negative pressure therapy impact on underlying tissue. 40th John A. Boswick, M.D., *Burn and Wound Care Symposium*, Wailea-Maui, HI, January 28-February 1, 2018
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3M™ Prevena™ 125 and 3M™ Prevena™ Plus 125 Therapy Units manage the environment of closed surgical incisions and remove fluid away from the surgical incision via the application of -125mmHg continuous negative pressure. When used with legally marketed compatible dressings, Prevena™ 125 and Prevena Plus 125 Therapy Units are intended to aid in reducing the incidence of seroma; and in patients at high risk for post-operative infections, aid in reducing the incidence of superficial surgical site infection in Class I and Class II wounds. Note: This indication statement does not apply to the Prevena Plus 125 Therapy Unit (14-Day) that comes with the 3M™ Prevena Restor™ System kits (see Prevena Restor System indications for use) The effectiveness of 3M™ Prevena™ Therapy in reducing the incidence of SSIs and seroma in all surgical procedures and populations has not been demonstrated. See full indications for use and limitations at mykci.com 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 wound therapy.



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**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.**

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