





## A silicone solution that's

Now there's a wound dressing everyone can feel better about. We've combined the gentle adhesive option you've been asking for with the same proven PolyMem formulation for a more comfortable experience that's ideal for your patients with fragile or sensitive skin.

#### Controls inflammation.

By helping to control the inflammation of damaged tissue, PolyMem polymeric dressings can significantly lessen pain associated with wounds — and ultimately speed recovery for your patients.<sup>1,2</sup>

#### Reduces pain.

PolyMem dressings reduce procedural pain and sensitivity of injured tissue by eliminating the need to cleanse the wound during dressing changes and controlling inflammation. The silicone-based adhesive also reduces possible discomfort and skin damage associated with dressing removal.

#### In a study of PolyMem dressings:

94%

of patients experienced less pain overall<sup>3</sup> 76%

of patients had either significant or complete pain relief<sup>3</sup>

#### Increases healing.

PolyMem dressings have been shown to speed the healing of open and closed-tissue injuries.<sup>4</sup> Drug-free PolyMem dressings also reduce the need for corticosteroids or opioids, which are known to delay healing.<sup>5,6</sup>

#### We've taken silicone to the next level.

Silicone is a popular adhesive option that increases comfort without leaving a residue.<sup>7</sup> Our unique adhesive is engineered to stay in place better and more securely than other silicone dressings.

- · Protects periwound tissue
- Unlike competing dressings, PolyMem's silicone adhesive does not come in contact with the wound. PolyMem is designed to minimize trauma by not sticking to the wound.
- · Allows for removal and repositioning if needed
- Minimizes the risk of edges rolling, thanks to a rounded border and thin edges
- · Also available in antimicrobial silver configurations

#### For versatility, PolyMem has it covered.

PolyMem dressings are indicated for use on virtually all types of wounds, and unlike many other dressings, they are safe to use over tendons, vasculature and bones.<sup>8,9</sup>

When you use PolyMem, you also eliminate the need to stock most other wound care products, including alginates, hydrogels, hydrocolloids, foams and much more! The patented PolyMem formulation includes a cleanser, a superabsorbent and a moisturizer — all bound in a polymer matrix. These components work synergistically to perform several key healing functions.

# pure PolyMem®



### All PolyMem dressings offer an array of benefits not available in any other single dressing type.



#### **CLEANSES**

- Non-ionic, tissue-friendly wound cleanser is activated by moisture.
- Continuous cleansing minimizes the need for painful debridement or additional rinsing at dressing changes.<sup>11</sup>



#### **ABSORBS**

- Superabsorbents selectively wick the watery portion of the exudate, concentrating growth factors and nutrients in the wound bed, while maintaining a moist wound bed.<sup>12</sup>
- Nonviable tissue is drawn into the dressing.<sup>12</sup>



#### **MOISTENS**

- Glycerin helps establish and maintain a moist healing environment. Maintaining an appropriate moisture microclimate is critical to healing.<sup>12</sup>
- Attracting moisture to the wound reduces the risk of the dressing sticking to the wound bed.<sup>12</sup>



#### **FILLS**

 Dressings conform to a wide range of wound types.



#### **PROTECTS**

- The semipermeable membrane allows excess exudate to evaporate, helping to regulate moisture and temperature at the wound surface.<sup>13</sup>
- The film is a barrier to moisture and contamination.<sup>13</sup>
- PolyMem dressings cushion the wound to minimize further trauma.<sup>14</sup>

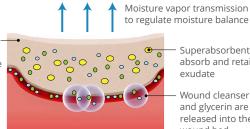


#### Controls inflammation. Reduces pain. Increases healing.

#### And so much more. PolyMem dressings also:

- · Save time
  - Faster dressing changes<sup>15,16</sup>
  - Fewer changes needed over the course of healing<sup>16</sup>
- Manage a wide range of wounds
  - Unlike many other dressing types, PolyMem can be used over tendons, vasculature and bones8,9
  - Indicated for virtually all types of wounds, including full and partial-thickness wounds, deeptissue injuries and skin tears
- · Help reduce the total cost of treatment
  - Reduced need for ancillary wound care supplies such as cleansers, gauze, and debriding devices and agents
  - PolyMem has been shown to close wounds that failed to progress using previous "best practices." 15,16





Superabsorbents absorb and retain exudate

Wound cleanser and glycerin are released into the wound bed

○ Superabsorbents • Glycerin • Cleanser

#### Suggested uses:

- Pressure injuries/ulcers, from deep tissue pressure injuries through stage 4
- Diabetic ulcers
- Venous ulcers
- Donor and graft sites
- Dermatologic disorders
- First and second-degree burns
- Skin tears
- Surgical wounds
- Full and partial-thickness wounds (including epidermolysis bullosa)
- Acute wounds
- Leg ulcers
- Vascular ulcers

#### References:

- Beitz AJ, Newman A, Kahn AR, et al. A polymeric membrane dressing with antinociceptive properties; analysis with a rodent model of stab wound secondary hyperalgesia. J Pain. 2004;5(1):38-
- Davies SL, White RJ. Defining a holistic pain-relieving approach to wound care via a drug free polymeric membrane dressing. J Wound Care. 2011:20(5):250-256.
- Sessions, RC. Can a drug-free dressing decrease inflammation and wound pain? What does the evidence say? 22nd Annual Symposium on Advanced Wound Care and Wound Healing Society (SAWC/WHS). Poster 104. April 2009. Grapevine, Texas, USA.
- Benskin LL. Evidence for Polymeric Membrane Dressings as a Unique Dressing Subcategory, Using Pressure Ulcers as an Example. Adv Wound Care.2018:7(12):419-426.
- Wang AS, Armstrong EJ, Armstrong AW. Corticosteroids and wound healing: clinical considerations in the perioperative period. Am J Surgery. 2013; 206(3):410-417.

- Shanmugam VK, Couch KS, McNish S, et al. Relationship between Opioid Treatment and Rate of Healing in Chronic Wounds. Wound Repair Regen. 2017; 25(1):120-130.
- Rucknagel MF. Soft silicone dressings. Wounds International. 2013. https://www.woundsinternational.com/uploads/resources/ c6c17c8108884b42545f060eabc1d29f.pdf. Accessed February 18, 2019.
- Benskin L, Bombande P. Quick Healing of Deep Neuropathic Foot Ulcers Using Polymeric Membrane Dressings and Cavity Fillers. 20th Annual Clinical Symposium on Advances in Skin and Wound Care. Poster 98. October 2005. Las Vegas, NV, USA.
- Strom RN. The Use of Polymeric Membrane Dressings on a Large Variety of Different Wounds in a Surgical Setting. European wound management Association (EWMA) Poster 240. May 23-25, 2012. Vienna, Austria
- Rodeheaver GT, Smith SL, Thacker JG, et al. Mechanical cleansing of contaminated wounds with a surfactant. Am J Surg 1975; 129(3):241-5.

- 11. Agathangelou C. Painless Autolytic Debridement on 250 Chronic Wounds by Using Polymeric Membrane Dressings, 4th Congress of the World Union of Wound Healing Societies. Poster 241. September 2-6, 2012. Yokohama, Japan.
- Healing Wall Chart. PolyMem = Multifunctional Wound Healing. http://polymem.woundresources.com/PDFs/Healing/Healing%20 wall%20 chart%20RE.pdf. Accessed December 19, 2018.
- Denyer J, Agathangelou C, White R, et al. PolyMem Dressings Made Easy, Wound International, 2015, https://www.woundsinternational. com/uploads/resources/ 40bfce2850457704565c176a52de1870.pdf. Accessed December 14, 2018.
- Jones V, Grey JE, Harding KG. Wound dressings. BMJ. 2006;332(7544):777-80.
- Hoglin G, Melin A. Improving Clinical Outcome While Reducing Cost of Treatment. European wound management Association (EWMA) Poster 108. May 23-25, 2012. Vienna, Austria.
- 16. Ogden J. A "New Approach" to Healing Chronic Wounds Accompanied by Dramatically Lower Cost Wound Management. Symposium on Advances in Wound Care (SAWC). Poster CS-70. April 14-17, 2011, Dallas, TX, USA.



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