Wrapping up patient care with one easy-to-use formulation...

...the complete solution to your wound care needs.

PolyMem dressings cleanse, fill, absorb, moisten and help relieve wound pain throughout the healing continuum.

When you use PolyMem dressings, you eliminate the need to stock most other wound care products on your shelves, including: alginites, hydrogels, hydrocolloids, foams and much more!

From tunnels and cavities to shallow, partial to full thickness, acute to chronic, PolyMem formulation is available in standard and antimicrobial configurations to fill your primary and secondary dressing needs.
PolyMem® belongs to an innovative class of multifunctional wound care dressings. PolyMem dressings effectively cleanse, fill, absorb and moisten wounds throughout the healing continuum. No other single wound dressing combines these four key wound-healing capabilities like PolyMem.

PolyMem:
CLEANSES Contains a mild non-ionic, non-toxic, tissue-friendly cleansing agent activated by moisture that is gradually released into the wound bed. Built-in cleansing capabilities reduce the need to cleanse wounds during dressing changes, so you can avoid disrupting the growth of healthy tissue as the wound heals.

FILLS Gently expands to fill and conform to the wound.

ABSORBS Wicks away up to 10 times its weight in exudate.

MOISTENS Keeps the wound bed moist and soothes traumatized tissues, reducing wound pain and providing comfort at the wound site. The moisturizer also keeps the dressing pad from adhering to the wound so it removes with virtually no pain, improving the caregiver-patient interaction and overall care experience.

Built right into a PolyMem dressing, these four capabilities are ready when you need them—without incurring extra costs or needing additional supplies.

For example, the absorption capability activates only if the material detects exudate. PolyMem adjusts to the wound type to provide the dressing function needed.

With PolyMem dressings, you no longer need to rely on multiple wound care products. PolyMem has everything you need in one easy-to-use dressing.

PolyMem can effectively replace most common dressings
• Polyurethane or silicone foams
• Hydrogels (by moistening with sterile water or saline)
• Alginites (by using PolyMem Wic®, PolyMem Wic Silver® or PolyMem Wic Silver Rope)
• Hydrocolloids
• Transparent films
• Gauze and traditional dressings

You can use the PolyMem family of dressings as primary dressings, secondary dressings or a combination of both to support the entire healing continuum.
PolyMem Versatility.
PolyMem helps effectively heal the majority of wounds:
- Pressure ulcers (Stage I/IV)
- Diabetic ulcers
- Venous ulcers
- Donor and graft sites
- Dermatologic disorders
- First- and second-degree burns
- Skin tears
- Surgical wounds
- Tube sites
- Full- and partial-thickness wounds
- Leg ulcers
- Acute wounds

PolyMem
- Leverages innovative formulation of PolyMem dressing material
- Creates an optimal healing environment
- Streamlines the process of treating wounds
  - Saves caregiver time
  - Reduces cost of materials
- Enhances patient comfort

PolyMem Dressings Product Selection Criteria
Use PolyMem Silver dressings when antimicrobial benefits and reduction of bioburden in the dressing are desired.

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*PolyMem Wic wound fillers include PolyMem Wic, PolyMem Wic Silver and PolyMem Wic Silver Rope

EASY AS 1. 2. 3.
First Time Only:
1. Clean wound per facility protocol
2. Place PolyMem dressing on wound
3. If infection is present, treat appropriately

Dressing Changes:
1. Remove old dressing
   MIST: Do not disturb the wound bed
2. Place new PolyMem dressing on the wound
3. If infection is present, treat appropriately

This is an overview. Please see package insert for complete instructions.

PolyMem Patented Formulation Benefits You and Your Patients
Streamlines the process of treating wounds1,2,3,4,5
- With four aspects of wound care in one formulation, PolyMem can be used throughout the wound healing continuum.
- PolyMem is also indicated for the majority of wounds (e.g., full- and partial-thickness wounds, skin tears, ulcers, surgical wounds, first- and second-degree burns).
- PolyMem dressings are highly absorbent, allowing up to seven days between changes, depending on the wound status. This can mean a substantial reduction in labor and dressing costs.
- PolyMem dressings provide a clear built-in visual indication of when they need to be changed, taking the guesswork out of patient care.
- Because of the PolyMem built-in cleansing and absorption capabilities, you may be able to change dressings less often and reduce wound bed cleansing during those changes, saving you precious time.

Creates an optimal healing environment1,2,3,4,5
- PolyMem formulation keeps the wound bed moist and promotes the concentration of the body’s naturally produced growth factors, nutrients and regenerated cells in the wound bed. As a result, clinical studies show that PolyMem dressings offer quicker wound recovery times than traditional dressings and have been found to help heal wounds that had previously been unsuccessfully treated.
- Manual cleansing can be harmful, disturbing the wound bed and any surrounding healthy tissue. The built-in cleansing capabilities minimize the need for manual wound bed cleansing during dressing changes.

Enhances patient comfort1,2,3,4,5
- PolyMem uses glycerol to soothe traumatized tissues, reducing wound pain and providing comfort at the wound site.
- PolyMem dressing pad removes with virtually no pain, improving the caregiver-patient interaction and overall care experience.

References:
How PolyMem Works

Continual Cleansing
The dressing contains a mild non-ionic, non-toxic, tissue-friendly wound cleansing agent that is activated by moisture and gradually released into the wound bed. This reduces interfacial tension between healthy tissue and debris, loosens eschar and necrotic tissue, and supports autolytic debridement – all while keeping the wound bed clean throughout healing.

Wound Comfort and Health
Glycerol, also known as glycerin, a moisturizer contained in the dressing, keeps the dressing from adhering to the wound bed and provides comfort at the wound site. Glycerol also reduces odor, conserves living fat cells, reduces hypergranulation, soothes traumatized tissues, and supports autolytic debridement.

Impressive Wicking Power
The polyurethane membrane wicks away up to 10 times its weight in exudate. It will not fragment and leaves no residue in the wound bed.

The superabsorbent starch copolymer in PolyMem absorbs and binds the water molecules from the wound fluid, allowing the natural growth factors and nutrients to concentrate in the wound bed.

Liquid Barrier and Gas Exchange
The semipermeable thin film backing provides a liquid barrier while allowing gaseous (O2 and CO2) exchange and maintaining an ideal Moisture Vapor Transmission Rate (MVTR). The transparent film backing allows visual inspection of the membrane to determine the need for a dressing change.

PolyMem Non-Adhesive Dressings
Are the optimal choice when cutting dressings to size and taping is your preferred method of application.

PolyMem Urethane Adhesive Dressings
The ultra-thin, adhesive-coated urethane film, together with the PolyMem membrane, will provide a breathable yet tough, protective, water-resistant dressing of unsurpassed versatility.

PolyMem Cloth-Backed Adhesive Dressings
A breathable, adhesive-coated cloth backing that provides exceptional comfort for your patient.

PolyMem Cavity Wound Fillers:
Will expand within the wound cavity to fill dead space, keeping the wound bed clean and moisturized while absorbing excess fluid.

PolyMem Silver Dressings:
Incorporates unique silver particles and may be used when antimicrobial benefits are desired. Kills 99.9% of entire population of all bacteria and fungi tested.* Won’t stain the skin.

PolyMem Finger/Toe Dressing
This configuration is a primary dressing using a wound cavity fill to resolve tunneling wounds. It is reinforced with a medical grade mesh to enhance the strength of the dressing. The dressing is designed to comfortably roll onto fingers and toes.

For the ultimate in conformity, try our Shapes by PolyMem® dressings. Shapes® fit wounds right out of the package.

Simple to Use.
Multiple configurations for a variety of wound needs.
PolyMem family of dressings are available in a variety of configurations to suit individual wound needs throughout the wound-healing continuum. All of the following dressings feature the PolyMem formulation.

PolyMem
This is the standard hydrophilic polyurethane membrane matrix with a continuous semipermeable polyurethane thin film backing. Use as a combined primary and secondary dressing or as a secondary dressing.

PolyMem Silver®
This is the same formulation as PolyMem with the addition of small particle silver to protect from microbial contamination. Use as a combined primary and secondary dressing or as a secondary dressing.

PolyMem Max®
This configuration is a thicker PolyMem formulation for wounds with heavier drainage, or when longer wear time is desired. Appropriate for use as a combined primary and secondary dressing or as a secondary dressing.

PolyMem Max Silver®
This configuration is a thicker PolyMem formulation for wounds with heavier drainage, or when longer wear time is desired, with the addition of small particle silver to protect from microbial contamination. Appropriate for use as a combined primary and secondary dressing or as a secondary dressing.

PolyMem Wic
This PolyMem formulation is especially designed for cavity wounds. PolyMem Wic expands within the wound cavity to fill dead space, keeping the wound bed clean and moisturized while absorbing excess fluid. As this is a wound filler, to be used only as a primary dressing, this formulation comes without the thin film backing. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.

PolyMem Wic Silver
This PolyMem formulation is especially designed for cavity wounds with the addition of small particle silver to protect from microbial contamination. As this is a wound filler, to be used only as a primary dressing, this configuration comes without the thin film backing. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.

PolyMem Wic Silver Rope
This configuration is a primary dressing only and especially designed for undermining and tunneling wounds. It is reinforced with a medical grade mesh to enhance the strength of the dressing and helps assure easy and complete removal. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.

For the ultimate in conformity, try our Shapes by PolyMem® dressings. Shapes® fit wounds right out of the package.
How PolyMem Works

Continual Cleansing
The dressing contains a mild non-ionic, non-toxic, tissue-friendly wound cleansing agent that is activated by moisture and gradually released into the wound bed. This reduces interfacial tension between healthy tissue and debris, loosens eschar and necrotic tissue, and supports autolytic debridement – all while keeping the wound bed clean throughout healing.

Wound Comfort and Health
Glycerol, also known as glycerin, a moisturizer contained in the dressing, keeps the dressing from adhering to the wound bed and provides comfort at the wound site. Glycerol also reduces odor, conserves living fat cells, reduces hypergranulation, soothes traumatized tissues, and supports autolytic debridement.

Impressive Wicking Power
The polyurethane membrane wicks away up to 10 times its weight in exudate. It will not fragment and leaves no residue in the wound bed.

The superabsorbent starch copolymer in PolyMem absorbs and binds the water molecules from the wound fluid, allowing the natural growth factors and nutrients to concentrate in the wound bed.

Liquid Barrier and Gas Exchange
The semipermeable thin film backing provides a liquid barrier while allowing gaseous (O2 and CO2) exchange and maintaining an ideal Moisture Vapor Transmission Rate (MVTR). The transparent film backing allows visual inspection of the membrane to determine the need for a dressing change.

PolyMem Non-Adhesive Dressings:
Are the optimal choice when cutting dressings to size and taping is your preferred method of application.

PolyMem Urethane Adhesive Dressings:
The ultra-thin, adhesive-coated urethane film, together with the PolyMem membrane, will provide a breathable yet tough, protective, water-resistant dressing of unsurpassed versatility.

PolyMem Finger/Toe Dressing
This configuration is a primary dressing only and especially designed for undermining and tunneling wounds. It is reinforced with a medical grade mesh to enhance the strength of the dressing and helps assure easy and complete removal. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.

PolyMem Cloth-Backed Adhesive Dressings:
A breathable, adhesive-coated cloth backing that provides exceptional comfort for your patient.

PolyMem Cavity Wound Fillers:
Will expand within the wound cavity to fill dead space, keeping the wound bed clean and moistened while absorbing excess fluid.

PolyMem Silver Dressings:
Incorporates unique silver particles and may be used when antimicrobial benefits are desired. Kilis 99.9% of entire population of all bacteria and fungi tested.* Won’t stain the skin.

PolyMem Max Silver
This configuration is a thicker PolyMem formulation for wounds with heavier drainage, or when longer wear time is desired. Appropriate for use as a combined primary and secondary dressing or as a secondary dressing.

PolyMem Max
This configuration is a thicker PolyMem formulation for wounds with heavier drainage, or when longer wear time is desired, with the addition of small particle silver to protect from microbial contamination. Appropriate for use as a combined primary and secondary dressing or as a secondary dressing.

PolyMem Wic Silver
This PolyMem formulation is especially designed for cavity wounds with the addition of small particle silver to protect from microbial contamination. As this is a wound filler, to be used only as a primary dressing, this configuration comes without the thin film backing. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.

PolyMem Wic
This PolyMem formulation is especially designed for cavity wounds with the addition of small particle silver to protect from microbial contamination. This is the same formulation as PolyMem Max formulation for wounds with heavier drainage, or when longer wear time is desired. This configuration comes without the thin film backing. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.

PolyMem Non-Adhesive Dressings
This is the standard hydrophilic polyurethane membrane matrix with a continuous semipermeable polyurethane thin film backing. Use as a combined primary and secondary dressing or as a secondary dressing.

PolyMem Wic
This PolyMem formulation is especially designed for cavity wounds. PolyMem Wic expands within the wound cavity to fill dead space, keeping the wound bed clean and moistened while absorbing excess fluid. As this is a wound filler, to be used only as a primary dressing, this configuration comes without the thin film backing. These dressings should be cut one-third smaller than the wound, because they will expand when they absorb wound exudates. Use any of the other appropriate PolyMem configurations as a secondary dressing.

PolyMem Wic
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PolyMem Versatility.

PolyMem helps effectively heal the majority of wounds:

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- Venous ulcers
- Donor and graft sites
- Dermatologic disorders
- First- and second-degree burns
- Skin tears
- Surgical wounds
- Tube sites
- Full- and partial-thickness wounds
- Leg ulcers
- Acute wounds

PolyMem

- Leverages innovative formulation of PolyMem dressing material
- Creates an optimal healing environment
- Enhances patient comfort

PolyMem Dressings Product Selection Criteria

Use PolyMem Silver dressings when antimicrobial benefits and reduction of bioburden in the dressing are desired.

**PolyMem Wic wound fillers include PolyMem Wic, PolyMem Wic Silver and PolyMem Wic Silver Rope**

### EASY AS 1. 2. 3.

**First Time Only:**

1. Clean wound per facility protocol
2. Place PolyMem dressing on wound
3. If infection is present, treat appropriately

**Wound margin traced on back of dressing:**

- If infection is present, treat appropriately
- Dressing on the wound

**Dressing Changes:**

1. Remove old dressing
2. Place new PolyMem dressing on the wound
3. If infection is present, treat appropriately

**This is an overview. Please see package insert for complete instructions.**

### PolyMem Patented Formulation Benefits You and Your Patients

**Streamlines the process of treating wounds**

- With four aspects of wound care in one formulation, PolyMem can be used throughout the wound healing continuum.
- PolyMem is also indicated for the majority of wounds (e.g., full- and partial-thickness wounds, skin tears, ulcers, surgical wounds, first- and second-degree burns).
- PolyMem dressings are highly absorbent, allowing up to seven days between changes, depending on the wound status. This can mean a substantial reduction in labor and dressing costs.
- PolyMem dressings provide a clear built-in visual indication of when they need to be changed, taking the guesswork out of patient care.
- Because of the PolyMem built-in cleansing and absorption capabilities, you may be able to change dressings less often and reduce wound bed cleansing during those changes, saving you precious time.

**Creates an optimal healing environment**

- PolyMem formulation keeps the wound bed moist and promotes the concentration of the body’s naturally produced growth factors, nutrients and regenerated cells in the wound bed. As a result, clinical studies have shown that PolyMem dressings offer quicker wound recovery times than traditional dressings and have been found to help heal wounds that had previously been unsuccessfully treated.
- Manual cleansing can be harmful, disturbing the wound bed and any surrounding healthy tissue. The built-in cleansing capabilities minimize the need for manual wound bed cleansing during dressing changes.

**Enhances patient comfort**

- PolyMem uses glycerol to soothe traumatized tissues, reducing wound pain and providing comfort at the wound site.
- PolyMem dressing pad removes with virtually no pain, improving the caregiver-patient interaction and overall care experience.

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Just a foam?
No, it’s QuadraFoam.

PolyMem® QuadraFoam belongs to an innovative class of adaptable wound care dressings. PolyMem QuadraFoam dressings effectively cleanse, fill, absorb, and moisten wounds throughout the healing continuum. No other single wound dressing combines these four key wound-healing capabilities like PolyMem.

PolyMem QuadraFoam:
CLEANSES Contains a mild non-ionic, non-toxic, tissue-friendly cleansing agent activated by moisture that is gradually released into the wound bed. Built-in cleansing capabilities reduce the need to cleanse wounds during dressing changes, so you can avoid disrupting the growth of healthy tissue as the wound heals.

FILLS Gently expands to fill and conform to the wound.

ABSORBS Wicks away up to 10 times its weight in exudate.

MOISTENS Keeps the wound bed moist and soothes traumatized tissues, reducing wound pain and providing comfort at the wound site. The moisturizer also keeps the dressing pad from adhering to the wound so it removes with virtually no pain, improving the caregiver-patient interaction and overall care experience.

For example, the absorption capability activates only if the material detects exudate. PolyMem QuadraFoam adjusts to the wound type to provide the dressing function needed.

With PolyMem QuadraFoam dressings, you no longer need to rely on multiple wound care products. PolyMem has everything you need in one easy-to-use dressing.

PolyMem can effectively replace most common dressings:
- Polyurethane or silicone foams
- Hydrogels (by moistening with sterile water or saline)
- Alginites (by using PolyMem Wic®, PolyMem Wic Silver® or PolyMem Wic Silver® Rope)
- Hydrocolloids
- Transparent films
- Gauze and traditional dressings

Built right into a PolyMem QuadraFoam dressing, these four capabilities are ready when you need them—without incurring extra costs or needing additional supplies.

You can use the PolyMem family of dressings as primary dressings, secondary dressings or a combination of both to support the entire healing continuum.
Wrapping up patient care with one easy-to-use formulation... the complete solution to your wound care needs.

PolyMem dressings cleanse, fill, absorb, moisten and help relieve wound pain throughout the healing continuum.

When you use PolyMem dressings, you eliminate the need to stock most other wound care products on your shelves, including: alginates, hydrogels, hydrocolloids, foams and much more!

From tunnels and cavities to shallow, partial to full thickness, acute to chronic, PolyMem formulation is available in standard and antimicrobial configurations to fill your primary and secondary dressing needs.


This document is meant for general purposes only. See individual product literature for specific indications and instructions for use.

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