

# TODAY'S **WOUND CARE TREATMENTS**

## FROM MEDLINE

SilvaSorb • Puracol Plus • Optifoam • Derma-Gel • Skintegrity • Arglaes







Exuderm OdorShield • Suresite • Stratasorb • Maxorb Extra • FourFlex



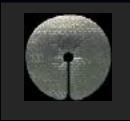




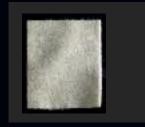
Skintegrity Wound Cleanser • ThreeFlex • Sureprep No-Sting • Medigrip







Medfix • Bordered Gauze Gentleheal • TenderWet Active • Optifoam Ag







Maxorb Extra Ag • SilvaSorb • Puracol Plus • Optifoam • Derma-Gel

## Today's Wound Care Treatments from Medline®

The assessment and treatment of chronic wounds is a daily challenge. Clinicians need guidance on their wound care journey as they move between care settings with financial constraints, finite resources and the need to optimize wound care.<sup>1</sup>

With this in mind, Medline has adopted the DIMES® system of wound bed preparation and treatment options providing a simple guide to assist you in selecting the right product, at the right time, for your patient's wounds.

## What do DIMES have to do with chronic wound care?

DIMES serves as an easy framework for planning and implementing an effective treatment plan for chronic wounds while saving money and using valuable resources wisely.

We all realize that preparation is the key to care. This is also true in preparing wounds for healing. The Wound Bed Preparation (WBP) Paradigm was created as a practical guide for the treatment of chronic wounds (see Figure 1).<sup>1,2,3,4</sup>

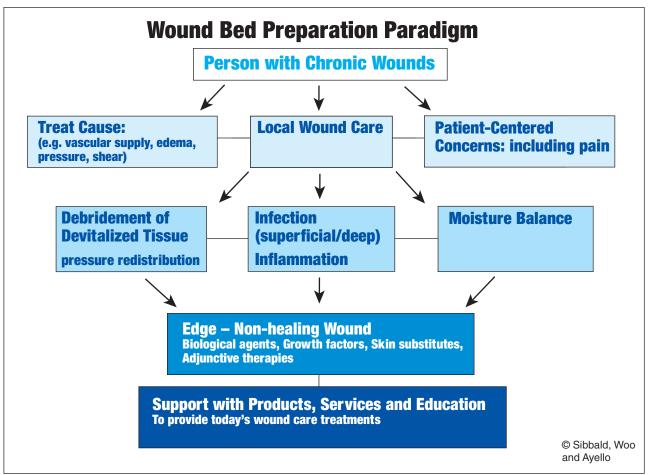


Figure 1

# **DIMES** an organized and consistent approach to **Wound Care**

As always, the patient comes first. Start by addressing patient-centered concerns, then treat the cause of the wound before optimizing local wound care.<sup>1</sup>

## The initial components of local care are 1:

Debridement		The removal of nonviable tissue
	Infection/Inflammation	Addressing bioburden and inflammation within the wound
M	Moisture Balance	Achieving and maintaining moisture balance in and around the wound

## **DIM before DIMES**<sup>4</sup>:

Is there anything else that can be done to promote faster wound edge migration after local wound care has been optimized? What else is needed to support healing? This might include selecting products for stalled chronic wounds combined with patient education to strengthen partnerships and promote adherence to treatment.<sup>1</sup>

Ε	Edge/Environment	Treating stalled wounds where epithelium fails to migrate
S	Supportive Products, Services and Education	Appropriate support promotes optimal outcomes

#### **Evidence Based References**

1. Woo KY, Ayello EA, Sibbald RG. Using DIMES to your advantage: Treating chronic wounds. Healthy Skin. 2008;5(1):22-27. 2. Sibbald RG, Williamson D, Orsted HL et al. Preparing the wound bed: debridement, bacterial balance and moisture balance. Ostomy Wound Management. 2000;46(11): 14-22, 24-8, 30-5; quiz 36-7. 3. Sibbald RG, Orsted H, Schultz GS, Coutts P, Keast D. International Wound Bed Preparation Advisory Board. Canadian Chronic Wound Advisory Board. Preparing the wound bed 2003: focus on infection and inflammation. Ostomy Wound Management. 2003; 49(11): 23-51. 4. Sibbald RG, Orsted HL, Coutts PM, Keast DL. Best practice recommendations for preparing the wound bed: update 2006. Advances in Skin & Wound Care. 2007;20:390-405. 5. Woo K, Ayello EA, Sibbald RG. The edge effect: Current therapeutic options to advance the wound edge. Advances in Skin & Wound Care. 2007; 20(2): 99-117.

## It is important to understand that DIMES is not just an acronym but a roadmap for practice.1

## **Debridement**

For wounds with the ability to heal, adequate and repeated debridement is an important first step in removing necrotic tissue. Debridement may also help healing by removing both senescent cells that are no longer capable of normal cellular activities and biofilms that shield the bacterial colonies.1

## Infection/Inflammation

All chronic wounds contain bacteria. The level of bacterial damage may include contamination (organisms present). colonization (organisms present and may cause surface damage if critically colonized) or infection (deep and surrounding skin damage). There are many antimicrobial products available, and no one product is going to be right for all patients. Clinicians need to match appropriate product characteristics with the clinical features of the wound bed.1

## **Moisture Balance**

Cells and the various cellular signals all need the right amount of moisture to move across the wound bed. Achieving moisture balance is a delicate act. Too much moisture can damage the surrounding skin, leading to periwound maceration and skin breakdown. Conversely, too little moisture in the wound environment can impede cellular activities and promote eschar formation, resulting in poor wound healing.1

## **Edge/Environment**

If the wound edge is not migrating after appropriate wound bed preparation (debridement, infection/inflammation, moisture balance) and healing is stalled, then advanced therapies should be considered.1

## Supportive Products, **Services and Education**

There are other products that complement DIMES but do not fit into one of these immediate categories. Therefore, always consider the "other" supportive products to complete the treatment.

Additionally, supportive services (i.e. nutritional therapy) and education are paramount to achieving the best possible outcome.1

## **Table of Contents**

Connecting the right product to the right application is critical. *Today's Wound Care Treatments* from Medline is organized in this catalog using the first letter of each component of care, D-I-M-E-S. To make it even easier we've provided a chart to guide you through each component of the DIMES system and solutions that Medline provides. Note each section is color coded by letter.

## DIMES Components Products

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Shallow No/minimal drainage

Primary dressing

Moderate/Heavy drainage Secondary dressing

## **TenderWet® Active**

Polyacrylate Debriding Wound Dressing

POLYMER GEL PAD

## **About TenderWet Active**

- Helps debride necrotic wounds<sup>1,2</sup>
- Absorbs and retains microorganisms in pad<sup>3</sup>
- Uses physiologically-compatible solution<sup>4</sup>
- More effective than wet gauze therapy<sup>5</sup>
- Will not stick to wound bed, which helps ease the pain of dressing changes6
- Cost-effective<sup>5,7</sup>
- Helps create an ideal healing environment
- High fluid retention
- Easy application and removal

#### **Indications**

Pressure ulcers

Partial and full-thickness wounds

Leg ulcers

Diabetic ulcers

Surgical wounds

Lacerations and abrasions

Skin tears

Dry, light and moderately draining wounds

First and second-degree burns

## Contraindications

## Change Frequency

TenderWet may be left in place for up to 24 hours

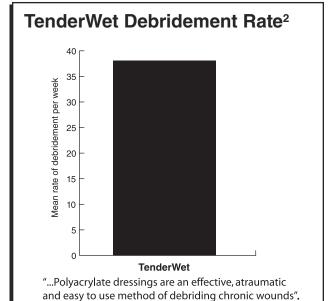
Dressing change frequency will depend on the amount of drainage

## **Recommended Secondary Dressings**

Medfix Tape

**Bordered Gauze** 

Stratasorb Composite



#### Evidence Based References

1. Konig M, Vanscheidt W, Augustin M, Kapp H. Enzymatic versus autolytic debridement of chronic leg ulcers: a prospective randomized trial. Journal of Wound Care. 2005;14(7):320-323. 2. Paustian C, Stegman MR. Preparing the wound for healing: the effect of activated polyacrylate dressing on debridement. Ostomy/Wound Management. 2003;49(9):34-42. 3. Bruggisser R. Bacterial and fungal absorption properties of a hydrogel dressing with a superabsorbent polymer core. Journal of Wound Care. 2005;14(9):1-5. 4. Biocompatibility data on file. 5. Coyne N. Eliminating wet-to-dry treatments. Remington Report. 2003:8-11. 6. Mueller V, Doucette M, Jasper J, VandenBeld K. Reduction of Pain Through the Utilization of Polyacrylate Activated Dressings. Presented at SAWC. Orlando, FL. 2004. 7. Edwards J. Wound Care is Not What it Used to Be: Finding the Most Efficient Debridement Method for Chronic Wounds. Presented at SAWC. Orlando, FL. 2004.8. Flemister B. The use of a superabsorbent wound dressing pad for interactive moist wound healing. Presented at the 13th Annual Symposium on Advanced Wound Care. Dallas TX, April 1-4, 2000.



**D** = Debridement

## **Ordering Information**

Debrides necrotic wounds while providing an ideal wound healing environment.

TenderWet Active Ideal for all wounds						
	Item Number	Description	HCPCS	Packaging		
	MSC8301	1.6", (4.06 cm) round	A6242	7/bx, 6 bx/cs		
	MSC8302	2.2", (5.59 cm) round	A6242	7/bx, 6 bx/cs		
-	MSC8303	3" x 3", (7.62 x 7.62 cm) square	A6242	7/bx, 6 bx/cs		
	MSC8305	4" x 5", (10.16 x 12.7 cm) rectangle	A6243	7/bx, 6 bx/cs		

TenderWet Active Cavity Ideal for all wounds						
	Item Number	Description	HCPCS	Packaging		
	MSC8401	1.6", (4.06 cm) round	A6242	7/bx, 6 bx/cs		
	MSC8402	2.2", (5.59 cm) round	A6242	7/bx, 6 bx/cs		
1787	MSC8403	3" x 3", (7.62 x 7.62 cm) square	A6242	7/bx, 6 bx/cs		
	MSC8405	4" x 5", (10.16 x 12.7 cm) rectangle	A6243	7/bx, 6 bx/cs		
	MSC8438	3" x 8", (7.62 x 20.32 cm) rectangle	A6243	7/bx, 6 bx/cs		



Shallow No/Minimal drainage

Primary dressing

\* Powder only

Moderate/Heavy drainage\* Secondary dressing

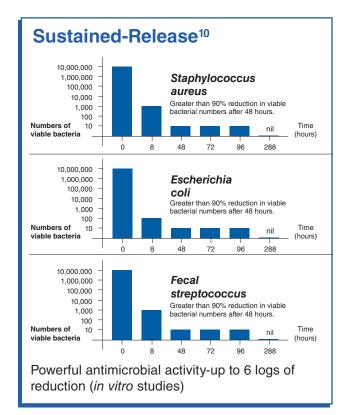
## **Arglaes**<sup>®</sup>

## Antimicrobial Silver Wound Dressing

**VERSATILE SILVER** 

## **About Arglaes**

- Manages bacterial burden¹
- Continuous antimicrobial protection¹
- Non-cytotoxic<sup>1</sup>
- Extended wear time¹
- Non-staining
- Can convert any other dressing to an antimicrobial (Arglaes Powder)



## **Indications**

Pressure ulcers

Diabetic foot ulcers<sup>2</sup>

Partial and full-thickness wounds

Leg ulcers3,4,5

Central lines, CVPs and PICC lines (Arglaes Film only)6

Surgical wounds78

Negative pressure wound therapy (Arglaes Powder only)9

Grafted wounds (Arglaes Powder only)

Donor sites

Lacerations and abrasions

First and second-degree burns

#### Contraindications

Third-degree burns

Patients with a known sensitivity to silver

As a surgical implant (Arglaes Powder)

Do not use topical antibiotics in conjunction with Arglaes Powder

## Change Frequency

Arglaes Film may be left in place for up to 7 days

Arglaes Island and Arglaes Powder may be left in place for up to 5 days

Dressing change frequency will depend upon the amount of drainage

## **Recommended Secondary Dressings**

Stratasorb Composite

**Bordered Gauze** 



I = Infection/Inflammation

## **Ordering Information**

Controlled-release, ionic silver for targeted antimicrobial protection.

Arglaes Powder Ideal for difficult to dress wounds									
A.	Item Number	Description	Packaging						
	MSC9205	5 gm bottle	5/bx, 4 bx/cs						
	MSC9210	10 gm bottle	5/bx, 4 bx/cs						

Arglaes Film Ideal for post-op and line sites							
	Item Number	Description	Packaging				
	MSC9023	2¾" x 3½" (6.03 x 7.94 cm)	10/bx, 10 bx/cs				
	MSC9045	4" x 4¾" (10.16 x 12.07 cm)	10/bx, 10 bx/cs				
182	MSC9069	4¾" x 10" (12.07 x 25.4 cm)	10/bx, 5 bx/cs				
	MSC9314	3¼" x 14", Post-Op Style (8.26 x 25.4 cm)	10/bx, 5 bx/cs				

Arglaes Island Manages fluid and bioburden						
500	Item Number	Description	Packaging			
	MSC9123	23/8" x 31/8", 1" x 2" pad (6.03 x 7.94 cm), (2.54 x 5.08 cm)	10/bx, 10 bx/cs			
	MSC9145	4" x 4 <sup>3</sup> / <sub>4</sub> ", 2" x 2" pad (10.16 x 12.07 cm), (5.08 x 5.08 cm)	10/bx, 10 bx/cs			
	MSC9169	4¾" x 10", 2¾" x 8" pad (12.07 x 25.4 cm), (6.99 x 20.32 cm)	10/bx, 5 bx/cs			

#### **Evidence Based References**

1. Internal report on file. 2. LaJoie J. Improving diabetic foot ulcer outcomes with hyperbaric oxygen and ionic silver powder. Presented at SAWC. San Diego, CA. 2005. 3. Rogers RS, Patel M, Alvarez OM. Effect of a silver ion containing wound dressing on the bacterial burden of chronic venous ulcers. Presented at SAWC. Dallas, TX. 2000. 4. Sparks-Evans K. Charcot-Marie-Tooth Foot Deformities, Osteomyelitis with Open Wounds on a Child. Presented at Clinical Symposium on Advances in Skin and Wound Care. Phoenix, AZ. 2004. 5. Strilko BL, Barna A. The versatile use of a silver alginate powder in the treatment of a variety of wounds. Presented at WOCN. Salt Lake City, Utah. 2007. **6.** Brooks KL, Dauenhauer SA, Evans JT. Decreased incidence of central line-related bloodstream infections associated with use of silver impregnated dressings at central venous catheter sites. Presented at Decennial International Conference on Nosocomial and Healthcare Associated Infections. Atlanta, GA. 2000. T. Pittman J, Tape J, Tanner D, Peliccia J. Comparative study of the use of antimicrobial barrier film dressing in post-operative care. Presented at WOCN. Las Vegas, NV. 2005. 8. Gonzalez VR, Segal CG, Tillman C, Houston S, Pruitt V. Changing clinical practice to reduce sternal surgical site infections (S-SSI) in open bypass surgery. Presented at Association for Professionals in Infection Control and Epidemiology, Inc. Seattle, WA. 2001. 9. Curran M, Paz-Altschul OJ. The use of silver antimicrobial powder with negative pressure wound therapy. Presented at Clinical Symposium on Advances in Skin and Wound Care. Dallas, TX. 2002.

10. Independent study preformed by Wickham Laboratories Limited, Hampshire, England.

- Shallow \(\cap \) No/minimal drainage
- Primary dressing

- Deep
- Moderate/Heavy drainage Secondary dressing

## Maxorb Extra Ag

Antimicrobial Silver Wound Dressing

ALGINATE WITH SILVER

## **About Maxorb Extra Ag**

- Helps manage bacterial burden<sup>1,2</sup>
- Continuous antimicrobial protection<sup>1,3</sup>
- Cost-effective<sup>4</sup>
- Easy dressing changes
- Highly absorbent<sup>5</sup>
- Superior gelling and fluid handling<sup>5</sup>
- Reduces odor<sup>6</sup>
- Fluid will not wick laterally

## **Indications**

Pressure ulcers<sup>6,7</sup>

Leg ulcers<sup>6,7</sup>

First and second-degree burns8

Moderate to heavily draining partial and full-thickness wounds

Diabetic foot ulcers

Surgical wounds

Graft and donor sites

Trauma wounds

## Contraindications

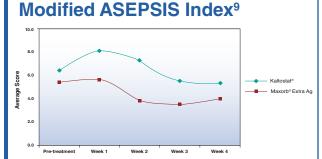
Third-degree burns

Dry or lightly draining wounds

Patients with a known sensitivity to alginates or silver

To control heavy bleeding

As a surgical implant



Asepsis index is a measure of 10 wound healing parameters. A lower score is preferable.

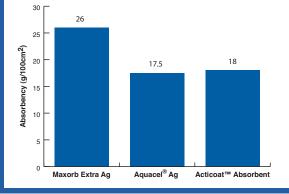
## **Change Frequency**

Maxorb Extra Ag may be left in place for up to 4 days

Dressing change frequency will depend on amount of drainage

Initially it may be necessary to change the dressing every 24 hours

## **Absorbency Comparisons**<sup>6,7</sup>



## **Recommended Secondary Dressings**

Stratasorb Composite

**Bordered Gauze** 



I = Infection/Inflammation

## **Ordering Information**

Ionic silver for targeted antimicrobial protection and fluid management.

Maxorb Extra Ag For moderate to heavily draining, partial and full-thickness wounds						
//	Item Number	Description	HCPCS	Packaging		
Allegaria	MSC9412EP	1" x 12" (2.54 x 30.48 cm), rope	A6199	5/bx, 4 bx/cs		
ACCEPTANT	MSC9422EP	2" x 2" (5.08 x 5.08 cm)	A6196	10/bx, 10 bx/cs		
	MSC9445EP	4" x 43/4" (10.16 x 12.07 cm)	A6197	10/bx, 5 bx/cs		
	MSC9448EP	4" x 8" (10.16 x 20.32 cm)	A6197	5/bx, 10 bx/cs		

#### **Evidence Based References**

Chakravarthy D, Falconio-West M. A comparison of the antimicrobial efficacy of two silver ion containing absorptive fiber dressings. Presented at SAWC. Las Vegas, NV. 2006.
 Chakravarthy D, Fleck C, Falconio-West M. An evaluation of two polysaccharide-silver based high absorbency wound dressings. Presented at SAWC. Las Vegas, NV. 2006.
 Freeman R, Bradford C. 21 day in vitro study of sustained antimicrobial activity of a new silver alginate dressing. Presented at Wounds UK. Harrogate. 2006. 4. DeLeon J, Nagel M, Hill D, Fudge M, Lucius A, Garcia B. Cost comparison of silver impregnated Hydrofiber® and alginate dressings. Presented at SAWC. Las Vegas, NV. 2006. 5. Data on file. 6.
 Chakravarthy D, Freeman R, Beele H, Meuleneire F, Nahuys M. Detailed clinical report: prospective randomized open label pilot study to evaluate a new silver alginate antimicrobial wound dressing on critically colonized chronic wounds. Internal report on file. 7. Freeman R, Beele H, Meuleneire F, Nahuys M. Results of a multicentre randomized prospective open label pilot study to evaluate a new silver alginate antimicrobial wound dressing on critically colonized chronic wounds. Presented at Wounds UK Conference. Harrogate. 2006.
 Serena T, Chakravarthy D. Maxont® AG in the treatment of burn wounds. Symposium on Advanced Wound Care. Tampa, FL. 2007.
 Data on file.

Shallow \(\cap \) No/minimal drainage Primary dressing Moderate/Heavy drainage Secondary dressing

## Optifoam<sup>®</sup> Ag

Antimicrobial Silver Wound Dressing

FOAM WITH SILVER

## **About Optifoam Ag**

- Ionic silver provides antimicrobial barrier¹
- Continuous antimicrobial protection¹
- Highly absorbent<sup>1</sup>
- Non-cytotoxic<sup>1</sup>
- Conformable<sup>1</sup>
- Can manage repeated bacteria introduction
- Non-staining

## **Indications**

Pressure ulcers

Partial and full-thickness wounds

Surgical wounds

Wounds with colonization

Leg ulcers

Diabetic foot ulcers

Donor sites

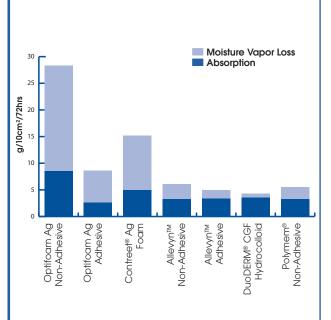
Lacerations and abrasions

Skin tears

First and second-degree burns

Under compression bandages





Powerful ability to manage (absorb + transpire) wound fluids.

## Contraindications

Third-degree burns

Lesions with active vasculitis

## **Change Frequency**

Optifoam Ag may be left in place for up to 7 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

Medfix Tape

Elastic Net



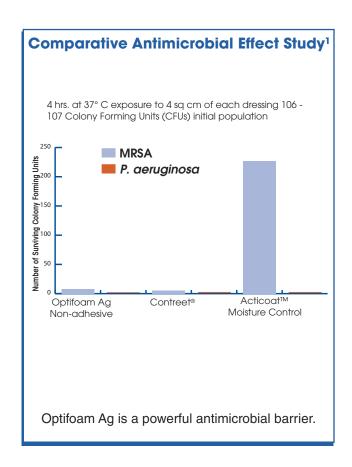
I = Infection/Inflammation

## **Ordering Information**

lonic silver for targeted antimicrobial protection and fluid management.

Optifoam Ag Adhesive For wounds with intact periwound skin							
Des	Item Number	Description	HCPCS	Packaging			
	MSC9604EP	4" x 4" (10.16 x 10.16 cm), 2½" x 2½" (6.35 x 6.35 cm) pad	A6212	10/bx, 10 bx/cs			

Optifoam Ag Non-Adhesive For wounds with fragile periwound skin								
	Item Number	Description	HCPCS	Packaging				
	MSC9614EP	4" x 4" (10.16 x 10.16 cm)	A6209	10/bx, 10 bx/cs				



Shallow No/minimal drainage

Primary dressing

Deep

Moderate/Heavy drainage Secondary dressing

## **SilvaSorb**<sup>®</sup>

## Antimicrobial Silver Wound Dressing

HYDROGEL WITH SILVER

## About SilvaSorb

- Helps manage bacterial burden<sup>1,2</sup>
- Continuous antimicrobial protection<sup>1,3</sup>
- Gentle for the patient<sup>4,5</sup>
- Advanced fluid management<sup>1</sup>
- Extended wear time<sup>3,6,7</sup>
- Non-staining¹

## Indications

Pressure ulcers

Partial and full-thickness wounds

Leg ulcers

Diabetic foot ulcers

Graft and donor sites

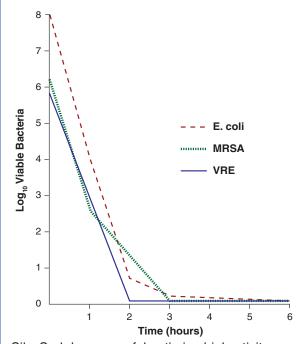
Skin tears

Surgical wounds

Lacerations and abrasions

First and second-degree burns

## Survival Curve with SilvaSorb<sup>1</sup>



SilvaSorb has powerful antimicrobial activity (invitro), 6-8 log reduction within four hours.

## Contraindications

Patients with a known sensitivity to silver

## Change Frequency

Sheets may be left in place for up to 7 days

Amorphous gel may be left in place for up to 3 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

Stratasorb Composite

**Bordered Gauze** 

#### Evidence Based References

1. Data on file 2. Castellano JJ, Shafil SM, Ko F, Donate G, Wright TE, Mannari RJ, Payne WG, Smith DJ, Robson MC. Comparative evaluation of silver containing antimicrobial dressings and drugs. Int Wound Journal. 4: 114-122. 3. Nametka M. Silver antimicrobial hydrophilic dressing benefits management of recurrent non-healing wounds. Symposium on Advanced Wound Care. Baltimore. 2002. 4. Copty T, Kiran R, Glat P. Assessing the risk of skin irritation with the use of a silver based site\* dressing on pediatric patients. Symposium on Advanced Skin and Wound Care. Orlando, FL. 2007. 5. Nametka M. Antimicrobial silver polymer contact layer for treatment of venous leg ulcers. Symposium on Advanced Wound Care. Las Vegas. 2001. 6. Nametka M. A hydrophilic silver antimicrobial wound dressing for site preparation and maintenance of human skin equivalent grafts to venous leg ulcers Technical and clinical considerations. Clinical Symposium on Advances in Skin & Wound Care, Nashville. 2000. 7. Nametka M. Silver antimicrobial absorbent wound dressing can contribute to cost control in home care. Annual Clinical Symposium on Advances in Skin and Wound Care. Dallas. 2002. 8. US Patent 6,605,751.



**I** = Infection/Inflammation

## **Ordering Information**

Controlled-release<sup>8</sup>, ionic silver for targeted antimicrobial protection.

SilvaSorb Gel For dry wounds								
	Item Number	Description	HCPCS	Packaging				
STI VI	MSC93025	.25 oz tube	A6248	25/bx				
	MSC9301EP	1.5 oz tube	A6248	12/cs				
53	MSC9303	3 oz tube	A6248	12/cs				
	MSC9308	8 oz tube	A6248	6/cs				
	MSC9316	16 oz net wt. jar	A6248	8/cs				

SilvaSorb Sheets For flat wounds with no to moderate drainage					
	Item Number	Description	HCPCS	Packaging	
	MSC9322EP	2" x 2" (5.08 x 5.08 cm)	A6242	5/bx, 5 bx/cs	
Company of the Compan	MSC9344EP	4¼" x 4¼" (10.8 x 10.8 cm)	A6242	5/bx, 5 bx/cs	
	MSC9348EP	4" x 8" (10.16 x 20.32 cm)	A6242	5/bx, 5 bx/cs	

SilvaSorb Perforated Sheets For flat wounds with moderate to heavy drainage					
	Item Number	Description	HCPCS	Packaging	
	MSC9340EP	4¼" x 4¼" (10.8 x 10.8 cm)	A6243	5/bx, 5 bx/cs	
	MSC9310EP	4" x 10" (10.16 x 25.4 cm)	A6243	5/bx, 5 bx/cs	

SilvaSorb Cavity	For cavity wounds	s with all drainage levels		
Series and	Item Number	Description	HCPCS	Packaging
	MSC9360EP	6 gram	None	5/bx, 5 bx/cs

SilvaSorb Site For IV catheters, central venous and arterial lines and orthopedic pin sites					
	Item Number	Description	HCPCS	Packaging	
100	MSC9310EP	1" (2.54 cm) circular with slit	A6242	30/cs	
	MSC9320EP	1¾" (4.45 cm) circular with slit	A6242	30/cs	

Shallow No/Minimal drainage

Primary dressing

Deep

Moderate/Heavy drainage Secondary dressing

# Derma-Gel

## Hydrogel Sheet Wound Dressing

HYDROGEL SHEET

## **About Derma-Gel**

- Manages bacterial burden¹
- Highly absorbent<sup>2</sup>
- Cushions and protects wound³
- Helps create moist wound environment
- Easy to apply and remove

## Pressure ulcers

**Indications** 

Partial and full-thickness wounds4,5

Leg ulcers

Surgical wounds

Lacerations and abrasions

First and second-degree burns

## **Contraindications**

Patients with known hypersensitivity to components of the gel

## **Change Frequency**

Derma-Gel may be left in place for up to 5 days

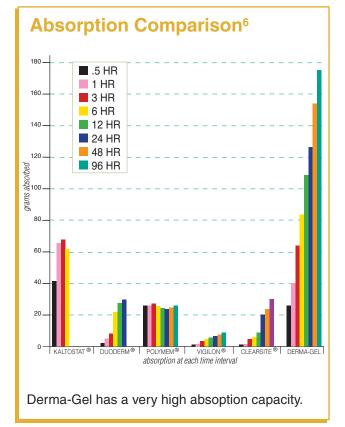
Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

Medfix Tape

Suresite® Film (for waterproofing)

Elastic Net



#### **Evidence Based References**

 Oliveria-Gardia M, Davis SC, Mertz PM. Can occlusion dressing composition influence proliferation of bacterial wound pathogens? WOUNDS. 1998;10(1):4-11. 2. Independent study performed by NAMSA, Northwood, Ohio. 3. Morse, K. Elasto-Gel: A Product with Unique Properties Especially Suited for the Treatment of Infants and Children with Special Needs. Presented at SAWC. Reno, NV. 1996. 4. Kollenberg, LO. A Clinical Comparison of a Glycerine Hydrogel Sheet or a Thin Hydrocolloid to the Standard of Care on Heel Blisters Présented at Clinical Symposium on Ádvances in Skin and Wound Care. Denver, CO. 1999. 5. Harris AH. When Underlying Problems Make Total Healing an Unobtainable Goal. GM Associates, Inc. 1994:1(3). 6. Independent study performed by NAmSA, Northwood, Ohio

**Moisture Balance** 

**M** = Moisture Balance

## **Ordering Information**

Soft and flexible, Derma-Gel promotes a moist environment and can absorb up to five times its weight.

Derma-Gel				
J.	Item Number	Description	HCPCS	Packaging
	NON8000	4" x 4" (10.16 x 10.16 cm)	A6242	25/bx, 4 bx/cs

Shallow No/Minimal drainage

Primary dressing

Moderate/Heavy drainage Secondary dressing

## **Exuderm OdorShield**

Hydrocolloid Wound Dressing

HYDROCOLLOID WITH ODOR CONTROL

## **About Exuderm OdorShield**

- Absorbs odor with cyclodextrin technology<sup>1,2</sup>
- Not inactivated by wound protein<sup>2</sup>
- Manages drainage<sup>3</sup>
- Longer wear time
- Low residue formula<sup>4</sup>
- Protective, occlusive barrier
- Satin finish backing

## **Indications**

Pressure ulcers

Partial and full-thickness wounds

Leg ulcers

Donor sites

Wounds with light to moderate drainage

Lacerations and abrasions

First and second-degree burns

## Contraindications

Third-degree burns

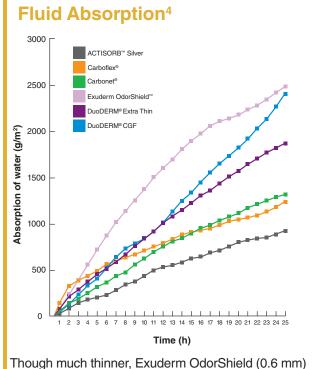
## Change Frequency

Exuderm OdorShield may be left in place for up to 7 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

None



absorbs as much as the much thicker DuoDERM CGF.

#### **Evidence Based References**

1. Lipman RDA, Van Bavel D. Odor absorbing hydrocolloid dressings for direct wound contact. Wounds. 2007;19(5):138-146. 2. Lipman R, Van Bavel D, Chakravarthy D. Odor absorbing hydrocolloid dressings that are not inactivated by serum protein. Presented at Symposium on Advanced Wound Care. Tampa, FL. 2007. 3. Absorption properties of some commercial hydrocolloid dressings, compared to Exuderm OdorShield. Internal report. May 5. 2006. 4. Data on file.

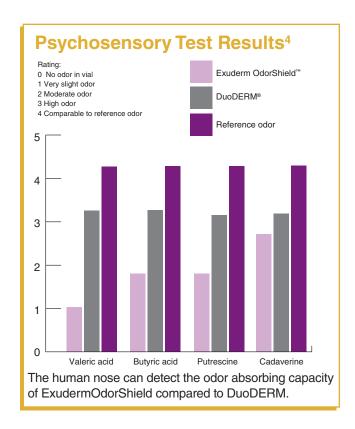


## **M** = Moisture Balance

## **Ordering Information**

Odor absorbing technology combined with excellent fluid management.

Exuderm OdorShield Ideal for shallow wounds with odor					
	Item Number	Description	HCPCS	Packaging	
	MSC5522	2" x 2" (5.08 x 5.08 cm)	A6234	10/bx	
	MSC5544	4" x 4" (10.16 x 10.16 cm)	A6234	10/bx	
	MSC5566	6" x 6" (15.24 x 15.24 cm)	A6235	5/bx	
	MSC5588	8" x 8" (20.32 x 20.32 cm)	A6236	5/bx	
	MSC5570	4" x 3.6" (10.16 x 9.14 cm), sacral	A6234	10/bx	
	MSC5575	6.4" x 6.5" (16.26 x 16.51 cm), sacral	A6235	5/bx	



Shallow	No/Minima	al draina

Primary dressing

Moderate/Heavy drainage Secondary dressing

## **Gentleheal®**

## Super Absorbent Wound Dressing

FOAM WITH SILICONE

## **About Gentleheal**

- Highly absorbent<sup>1</sup>
- Soft silicone contact layer eases pain at dressing change<sup>2</sup>
- High level of vertical wicking reduces maceration<sup>3</sup>
- Sensil® silicone wound contact layer
- Exulock<sup>™</sup> technology locks exudate away from wound
- Long wear time (up to 7 days) decreases dressing changes
- Flexible film backing

## **Indications**

Pressure ulcers

Arterial ulcers

Venous leg ulcers4

Diabetic ulcers

#### Contraindications

None

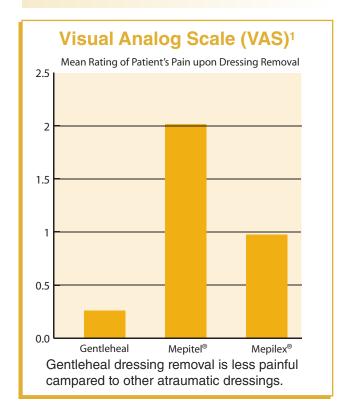
## **Change Frequency**

Gentalheal may be left in place for up to 7 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

Medfix Tape (Gentleheal Standard, Gentleheal Extra) Elastic Net (Gentleheal Standard, Gentleheal Extra)



 Data on file.
 Gentleheal Absorbs and Transmits Better than Other Foam Products, data on file.
 Wound Model with Compression. Test of 4 Dressings, data on file.
 Driver V, French M, Cain J, Patel M, Hijazin M, Hagan H. A Randomized, Open Label, Comparative Clinical Trial Designed to Compare the Level of Patient Reported Pain Assessed Using the VAS When Removing a Silicone-Based Foam Dressing and a Hydrocellular Polyurethane Dressing When Used Among Patients with Venous Leg Ulcers. Presented at SAWC. Tampa,



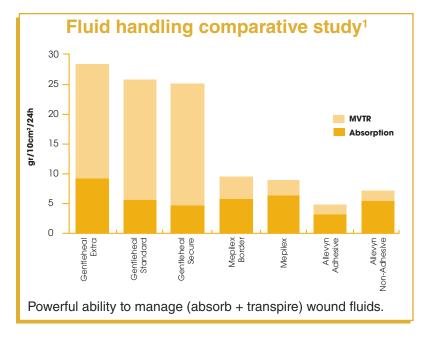
## **Ordering Information**

Atraumatic, super-absorbent foam dressing

Gentleheal Standard For wounds with drainage				
400	Item Number	Description	HCPCS	Packaging
	MSC1344	4" x 4" (10.16 x 10.16 cm)	A6209	10/bx, 10 bx/cs
	MSC1348	4" x 8" (10.16 x 20.32 cm)	A6210	10/bx, 10 bx/cs

Gentleheal Extra	Super-absorbent	for extra heavily draining wounds		
	Item Number	Description	HCPCS	Packaging
	MSC1444	4" x 4" (10.16 x 10.16 cm)	A6209	10/bx, 10 bx/cs
	MSC1448	4" x 8" (10.16 x 20.32 cm)	A6210	10/bx, 10 bx/cs

Gentleheal Secure All-in-one product for draining wounds					
	Item Number	Description	HCPCS	Packaging	
	MSC1633	3" x 3" (7.62 x 7.62 cm), 1.6" x 1.6" (4.06 x 4.06 cm) pad	A6212	10/bx, 10 bx/cs	
	MSC1655	5" x 5" (12.7 x 12.7 cm), 3.3" x 3.3" (8.38 x 8.38 cm) pad	A6212	10/bx, 10 bx/cs	



Shallow \(\cap \) No/Minimal drainage

Primary dressing

Deep

Moderate/Heavy drainage Secondary dressing

## **Maxorb** Extra

Alginate Wound Dressing

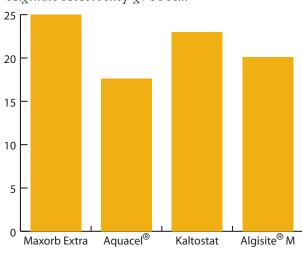
**ALGINATE** 

## **About Maxorb Extra**

- Highly absorbent
- Superior gelling and fluid handling
- Fluid will not wick laterally
- Easy dressing changes

## **Maxorb Extra** Absorbency Comparison<sup>1</sup>

Alginate Absorbency g/100cm<sup>2</sup>



Maxorb Extra absorbs better than many other competitive dressings.

## **Indications**

Pressure ulcers

Partial and full-thickness wounds

Leg ulcers

Diabetic ulcers

Surgical wounds

Donor sites

Lacerations and abrasions

First and second-degree burns

## Contraindications

Third-degree burns

For use as a surgical sponge

Dry wounds

Patients with a known sensitivity to alginates

## **Change Frequency**

Maxorb Extra may be left in place for up to 5 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

Stratasorb Composite

Bordered Gauze



**M** = Moisture Balance

## **Ordering Information**

Fast-acting absorption without lateral wicking.

Maxorb Extra For moderate to heavily draining, partial and full-thickness wounds				
	Item Number	Description	HCPCS	Packaging
	MSC7012EP	1" x 12" (2.54 x 30.48 cm), rope	A6199	5/bx, 4 bx/cs
	MSC7022EP	2" x 2" (5.08 x 5.08 cm)	A6196	10/bx, 10 bx/cs
	MSC7044EP	4" x 4" (10.16 x 10.16 cm)	A6196	10/bx, 5 bx/cs
	MSC7048EP	4" x 8" (10.16 x 20.32 cm)	A6197	5/bx, 10 bx/cs
	MSC7112EP	1" x 12" (2.54 x 30.48 cm),	A6196	5/bx, 4 bx/cs
		post-op, flat		

Shallow No/Minimal drainage

Primary dressing

Deep

Moderate/Heavy drainage Secondary dressing

# **Optifoam**®

Foam Wound Dressing

FOAM

## **About Optifoam**

- Moisture vapor transmission rate adjusts to fluid level
- Will not curl at edges (adhesive)
- Highly absorbent
- Helps create ideal healing environment
- Waterproof outer layer protects wound

## **Indications**

Pressure ulcers

Partial and full-thickness wounds

Leg ulcers

Donor sites

Lacerations and abrasions

Skin tears

First and second-degree burns

## Contraindications

Third-degree burns

Lesions with active vasculitis

## **Change Frequency**

Optifoam may be left in place for up to 7 days

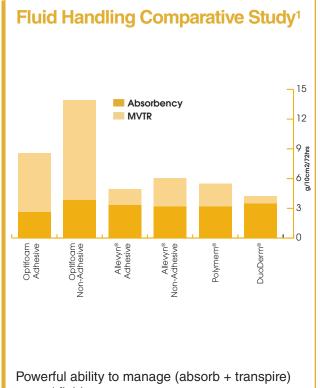
Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

Medfix Tape (for Optifoam Non-Adhesive)

Elastic Net (for Optifoam Non-Adhesive)

Optifoam Thin can be used as a secondary dressing



wound fluids.

## **Ordering Information**

Soft, conformable foam dressing.

Optifoam Adhesive An all-in-one dressing for fluid handling					
	Item Number	Description	HCPCS	Packaging	
100	MSC1044EP	4" x 4" (10.16 x 10.16 cm), 2.5" x 2.5" (6.35 x 6.35 cm) pad	A6212	10/bx, 10 bx/cs	
52/	MSC1066EP	6" x 6" (15.24 x 15.24 cm), 4.5" x 4.5" (11.43 x 11.43 cm) pad	A6213	10/bx, 10 bx/cs	
	MSC1065EP	6.1" x 5.6" (15.49 x 14.22 cm), sacral	Pending	10/bx, 10 bx/cs	

#### Optifoam Non-Adhesive Superb fluid handling with a variety of applications Item Number **Description HCPCS Packaging** MSC1244EP 4" x 4" (10.16 x 10.16 cm) A6209 10/bx, 10 bx/cs MSC1266EP 6" x 6" (15.24 x 15.24 cm) 10/bx, 10 bx/cs A6210

Optifoam Thin Extremely conformable, protective dressing				
	Item Number	Description	HCPCS	Packaging
	MSC1523 MSC1544	2" x 3" (5.08 x 7.62 cm) 4" x 4" (10.16 x 10.16 cm)	Pending Pending	10/bx, 20 bx/cs 10/bx, 10 bx/cs

Optifoam Basic	or wounds or tul	bes		
	Item Number	Description	HCPCS	Packaging
	MSC1133	3" x 3" (7.62 x 7.62 cm)	A6209	10/bx, 10 bx/cs
-	MSC133F	3" x 3" (7.62 x 7.62 cm)	A6209	10/bx, 10 bx/cs
		with fenestration		
	MSC1145	4" x 5" (10.16 x 12.7 cm)	A6210	10/bx, 10 bx/cs

Optifoam Site Designed specifically for tube sites				
	Item Number	Description	HCPCS	Packaging
	MSC1104	4" (10.16 cm) round, 2" (5.08 cm) pad	A6212	30/bag, 4 bags/cs

Shallow	No/Mir	ni
Cilanow	1 40/14111	

imal drainage

Primary dressing

Moderate/Heavy drainage Secondary dressing

# **Skintegrity**<sup>®</sup>

Hydrogel Wound Dressing

**HYDROGEL** 

## **About Skintegrity**

- Helps create a moist wound environment
- Balanced formulation
- Easy irrigation

## **Cytotoxicity Test For** Skintegrity Hydrogel<sup>1</sup>

Using Murine L929 Embryo Fibroblasts Agar Overlay Neutral Red Assay

Test Material	IDRCC #278 (Wound Gel)	Negative Control	Positive Control
Concentration % Exposure (Time)	100% 21 Hours	N/A 21 Hours	100% 21 Hours
Zone of Inhibition (mm)	0	0	0
Comments/ Observations (Grade and Reactivity)	0 / None	0 / None	Entire disk was clear/ cells dead

Skintegrity Hydrogel is not harmful to tissue.

### **Indications**

Pressure ulcers

Partial and full-thickness wounds

Leg ulcers

Surgical wounds

Lacerations and abrasions

First and second-degree burns

## **Contraindications**

Patients with a known sensitivity to components of the gel

Heavily draining wounds

## Change Frequency

Skintegrity may be left in place for up to 3 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

Stratasorb Composite

**Bordered Gauze** 

1. Independent cytotoxicity study performed by Thomas J. Stephens & Associates, Inc. Study Number 93-0070 (AOL).



## **Ordering Information**

Clear, colorless gel for providing a moist wound environment.

Skintegrity Hydrogel Ideal for dry-to-moist clean wounds				
	Item Number	Description	HCPCS	Packaging
- F- anintegrity	MSC6102	Bellows Bottle, 1 oz. (29.5 ml)	A6248	30/cs
	MSC6104	Tube, 4 oz. (118 ml)	A6248	12/cs

Skintegrity Hydrogel Impregnated Gauze For convenience in deeper wounds				
100000	Item Number	Description	HCPCS	Packaging
	MSC6144	4" x 4" (10.16 x 10.16 cm), 12-ply	A6231	2/pk, 30 pk/cs
	MSC6022	2" x 2" (5.08 x 5.08 cm), 12-ply	A6231	1/pk, 50 pk/cs
	MSC6044	4" x 4" (10.16 x 10.16 cm), 12-ply	A6231	1/pk, 30 pk/cs

Skintegrity Hydro	<b>ogel Sheet</b> For	shallow wounds		
	Item Number	Description	HCPCS	Packaging
	MSC6268	6" x 8" (15.24 x 20.32 cm)	Pending	5/bx, 20 bx/cs

Shallow No/Minimal drainage

Primary dressing

Moderate/Heavy drainage
 Secondary dressing

## **Suresite**<sup>®</sup>

## Transparent Film Wound Dressing

TRANSPARENT FILM

## **About Suresite**

- Traditional moisture vapor transmission rate
- Conformable
- Microporous technology
- Permits continuous observation
- Variety of formats

## MVTR Data for Suresite<sup>1</sup>

Transparent Film

MVTR

Suresite

1,209 g/M sq/24

Suresite has the ability to transpire wound fluid to support moist wound healing.

### **Indications**

Partial-thickness wounds

Full-thickness wounds (secondary dressing)

Peripheral and central I.V. lines

Skin tears

Lacerations and abrasions

To help prevent skin breakdown caused by shear and friction

#### Contraindications

Contraindicated as a primary dressing on moderately-to-heavily draining wounds

## **Change Frequency**

Suresite may be left in place for up to 7 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

None

#### **Evidence Based References**

 <sup>&</sup>quot;Inverted Juice Cup" test method ASTM 1249 Independent study performed by Mylan Technologies, Inc.

# Moisture Balance

## **Ordering Information**

Ideal dressing for a variety of wound situations.

Suresite Window An easy-to-use window frame delivery					
	Item Number	Description	HCPCS	Packaging	
1	MSC2302	23/8" x 23/4" (6.03 x 6.99 cm)	A6257	100/bx	
	MSC2304	4" x 41/2" (10.16 x 11.43 cm)	A6258	50/bx	

Suresite 123 Easy to apply transparent film				
	Item Number	Description	HCPCS	Packaging
1	MSC2701	1.52" x 1.52" (3.86 x 3.86 cm)	Pending	100/bx, 4 bx/cs
1	MSC2703	2.4" x 2.8" (6.1x 7.11 cm)	Pending	100/bx, 4 bx/cs
	MSC2705	4" x 4.8" (10.16 x 12.19 cm)	Pending	50/bx, 4 bx/cs
	MSC2706	6" x 8" (15.24 x 20.32 cm)	Pending	25/bx, 4 bx/cs
	MSC2710	4" x 10" (10.16 x 25.4 cm)	Pending	25/bx, 4 bx/cs
	MSC2712	8" x 12" (20.32 x 30.48 cm)	Pending	25/bx, 4 bx/cs

Suresite 123+Pad Easy delivery of an all-in-one cover dressing				
	Item Number	Description	HCPCS	Packaging
	MSC2603	2.4" x 2.8" (6.1 x 7.11 cm), 1.3" x 1.6" (3.3 x 4.06 cm) pad	Pending	100/bx, 4 bx/cs
The state of the s	MSC2605	4" x 4.8" (10.16 x 12.19 cm), 2.4" x 3.2" (6.1 x 8.13 cm) pad	Pending	50/bx, 4 bx/cs
	MSC2610	3.5" x 10" (8.89 x 25.4 cm), 1.5" x 8" (3.81 x 20.32 cm) pad	Pending	25/bx, 4 bx/cs
	MSC2613	3.5" x 13.75" (8.89 x 34.93 cm), 2" x 12" (5.08 x 30.48 cm) pad	Pending	25/bx, 4 bx/cs
	MSC2636	3.5" x 6" (8.89 x 15.24 cm), 1.5" x 4" (3.81 x 10.16 cm) pad	Pending	25/bx, 4 bx/cs
	MSC2638	3.5" x 8" (8.89 x 20.32 cm), 1.5" x 5.5" (3.81 x 13.97 cm) pad	Pending	25/bx, 4 bx/cs
	MSC2666	6" x 6" (15.24 x 15.24 cm), 4" x 4" (10.16 x 10.16 cm) pad	Pending	25/bx, 4 bx/cs

# Suresite continued

## Transparent Film Wound Dressing \_\_\_\_\_

TRANSPARENT FILM

## **Ordering Information continued**

Ideal dressing for a variety of wound situations.

## Suresite Roll Allows for customization of size and shape of transparent film

		8	1
-	*	A	6
	14	1	
	-	N. Section	

Description	HCPCS	Packaging
2" x 11yd. (5.08 x 10.06 m)	Pending	1 roll/bx, 12 bx/cs
4" x 11yd. (10.16 x 10.06 m)	Pending	1 roll/bx, 12 bx/cs
6" x 11yd. (15.24 x 10.06 m)	Pending	1 roll/bx, 12 bx/cs
	2" x 11yd. (5.08 x 10.06 m) 4" x 11yd. (10.16 x 10.06 m)	2" x 11yd. (5.08 x 10.06 m) Pending 4" x 11yd. (10.16 x 10.06 m) Pending

## Suresite I.V. Convenient, sized for I.V. sites



Item Number	Description	HCPCS	Packaging
MSC2002	2" x 3" (5.08 x 7.62 cm)	A6257	100/bx

## Suresite 2 Handle Traditional delivery system



Item Number	Description	HCPCS	Packaging
MSC2104	4" x 5" (10.16 x 12.7 cm)	A6258	50/bx

# Suresite Matrix To trace wound margins Item Number Description HCPCS Packaging MSC2204 4" x 4½" (10.16 x 11.43 cm) A6258 50/bx MSC2206 6" x 8" (15.24 x 20.32 cm) A6259 10/bx, 10 bx/cs

Sureview Film Fabric Frame Easy to apply I.V. cover dressing					
0	Item Number	Description	HCPCS	Packaging	
1	MSC2502	23/8" x 23/4" (6.03 x 6.99 cm)	Pending	50/bx	
	MSC2504	4" x 4½" (10.16 x 11.43 cm)	Pending	25/bx	

- Shallow No/minimal drainage
- Primary dressing

- Deep
- Moderate/Heavy drainage Secondary dressing

## Puracol Plus™

## Collagen Microscaffold™ Wound Dressing

## COLLAGEN

## **About Puracol Plus**

- 100% collagen with a high degree of nativity1,2
- High gel integrity<sup>3</sup>
- Helps promote epithelialization<sup>4,5</sup>
- Jump-starts stalled wounds<sup>4,5,6</sup>
- Biodegradable

#### **Indications**

Pressure ulcers

Partial and full-thickness wounds

Venous ulcers

Ulcers caused by mixed vascular etiologies

Diabetic ulcers

Burns

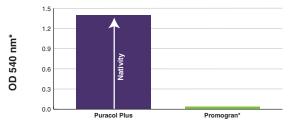
Donor sites and other bleeding surface wounds

**Abrasions** 

Traumatic wounds healing by secondary intention

Dehisced surgical wounds

## Measure of Collagen Nativity<sup>2</sup>



\*Proportional to the extent of nativity, higher nativity is desirable.

## Contraindications

Active vasculitis or patients with known sensitivity to collagen

## Microscopic View<sup>1</sup>



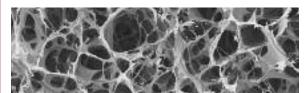
The intact super-structure provides strong evidence that the nativity of the collagen triple helix is preserved.

## **Change Frequency**

Puracol Plus may be left in place for up to 7 days

Dressing change frequency will depend on amount of drainage

## Puracol Plus Microscaffold<sup>1</sup>



The open porous structure increases the internal surface area for maximal interaction with wound fluids and wound fibroblasts.

## **Recommended Secondary Dressings**

Stratasorb Composite

**Bordered Gauze** 

#### **Evidence Based References**

1. Data on file. 2. Picrosirius Assay to Determine Relative Nativity of Two Collagenous Dressings, internal report. 3. Comparative Physical Properties of Two Collagenous Dressings, Promogran and Puracol Plus, data on file. 4. Driver V, French M, Cain J, Hagen H, Hijazin M, Patel M. The Use of Native Collagen Dressings on Chronic Lower Extremity Wounds: Case Studies. Presented at SAWC. Tampa, FL. 2007. 5. A Clinical Safety and Efficacy Evaluation on Seriously Chronic Wounds with a Native Collagen Dressing, data on file. **6.** Rogers LC, Armstrong DG. The promise of stem cells. *Podiatry Management*. June/July 2007:65-70.

Edge/Environment

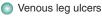


**E** = Edge/Environment

## **Ordering Information**

Unique three dimensional structure helps promote cell growth.

Puracol Plus Ideal for wounds that are chronic or stalled					
	Item Number	Description	HCPCS	Packaging	
	MSC8622EP	2" x 2.25" (5.08 x 5.72 cm)	A6021	10/bx, 5 bx/cs	
	MSC8644EP	4.25" x 4.5" (10.8 x 11.43 cm)	A6022	10/bx, 5 bx/cs	



## **FourFlex and ThreeFlex**

Multi-Layer Bandage System

COMPRESSION BANDAGE

## **About FourFlex and ThreeFlex**

- Effective appropriate compression
- Extended wear time
- Absorbs drainage
- Efficient packaging

## **ABI Chart**

To determine the Ankle Brachial Index (ABI). divide the ankle systolic pressure by the brachial systolic pressure, through doppler.

> **Ankle Pressure Brachial Pressure**

= ABI

## Interpretation of the Ankle Brachial Index

Greater than 1.3	Abnormally high range (more studies are needed)
0.95 to 1.3	Normal Range
0.80 to 0.95	Compression is considered safe at this level
0.50 to 0.80	Indicates mild to moderate arterial disease, compression should only be used under direct medical supervision
Below 0.5	Severe arterial insufficiency, compression is contraindicated

## **Indications**

Treatment of chronic venous insufficiency

#### Contraindications

Patients with an Ankle Brachial Pressure Index (ABI) of less than 0.8. An ABI of less than 0.8 may mean that the patient has arterial insufficiency or the leg ulcer is of mixed etiology.

## Change Frequency

Multi-layer compression bandages may be left in place for up to 7 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

Usually no secondary dressing is required





## **Ordering Information**

Effective compression treatment for venous insufficiency (or venous stasis disease).

FourFlex For the tr	eatment of Chronic	Venous Insufficiency (includes 3 pie	ces of tape	
	Item Number	Description	HCPCS	Packaging
	MSC4400	FourFlex Kit		8 kits/cs
	Components Incl	ude:		
	Padding	4" x 3.8 yd. (10.16 cm x 3.47 m), un-stretched	A6441	
	Light Conforming	$4\frac{1}{2}$ " x 4.9 yd. (11.43 cm x 4.48 m), un-stretched	A6449	
	Compression	4" x 10 yd. (10.16 cm x 9.14 m), stretched	A6452	
	Cohesive	4" x 6.5 yd. (10.16 cm x 5.94 m), stretched	A6454	

ThreeFlex For lighter compression or for mixed etiology (includes 3 pieces of tape)					
	Item Number	Description	HCPCS	Packaging	
	MSC4300	ThreeFlex Kit		8 kits/cs	
	Components Include:				
	Padding	4" x 3.8 yd. (10.16 cm x 3.47 m), un-stretched	A6441		
	Light Conforming	4½" x 4.9 yd. (11.43 cm x 4.48 m), un-stretched	A6449		
	Cohesive	4" x 6.5 yd. (10.16 cm x 5.94 m), stretched	A6454		



Secondary dressing

## Medigrip

## Elastic Tubular Bandage

**ELASTIC BANDAGE** 

## **About Medigrip**

- Provides excellent support
- Easy to apply and reapply
- Wide range of applications

### **Indications**

Edema

Treatment of chronic venous insufficiency

Dislocations

Sprains

Hypertrophic scarring

#### Contraindications

None

## **Change Frequency**

Medigrip may be left in place for up to 7 days

Dressing change frequency will depend on amount of drainage

## **Recommended Secondary Dressings**

None

Provides even support and pressure to reduce edema and assist in venous return.

Medigrip Each roll is 11 yards (10 meters) in length						
	Item Number	Description	HCPCS	Packaging		
( ( )	MSC9500	Size A, 1¾" wide (4.5 cm) for infant feet and arms	A6457	1 roll/bx		
	MSC9501	Size B, 2½" wide (6.25 cm) for small hands and limbs	A6457	1 roll/bx		
	MSC9502	Size C, 25/8" wide (6.75 cm) for adult hands, arms or legs	A6457	1 roll/bx		
	MSC9503	Size D, 3" wide (7.5 cm) for large arms or legs	A6457	1 roll/bx		
	MSC9504	Size E, 3½" wide (8.75 cm) for legs or small thighs	A6457	1 roll/bx		
	MSC9505	Size F, 4" wide (10 cm) for large knees or thighs	A6457	1 roll/bx		
	MSC9506	Size G, 43/4" wide (12 cm) for large thighs	A6457	1 roll/bx		

### **Recommended Wound Conditions**



Secondary dressing

# Medfix

### Low Sensitivity Adhesive

DRESSING RETENTION TAPE

### **About Medfix**

- · Low sensitivity adhesive, gentle for the patient
- Medfix has a printed s-curve release liner
- Medfix EZ is linerless and perforated
- Water resistant

### **Indications**

To secure primary dressings

To secure gastrostomy tubes and other feeding tubes

### Contraindications

Contraindicated as a primary dressing

### **Change Frequency**

Medfix may be left in place for up to 7 days

Dressing change frequency will depend on amount of drainage

### **Recommended Secondary Dressings**

None





Flexible, skin-friendly tape.

Medfix Printed-release liner allows flexibility and customized sizing						
	Item Number	Description	HCPCS	Packaging		
The will be	MSC4002	2" x 11 yd. (5.08 cm x 10.06 m)	A4452	1 roll/bx		
7	MSC4004	4" x 11 yd. (10.16 cm x 10.06 m)	A4452	1 roll/bx		
	MSC4006	6" x 11 yd. (15.24 cm x 10.06 m)	A4452	1 roll/bx		

Medfix EZ Linerless with 2" perforations						
And Mary	Item Number	Description	HCPCS	Packaging		
Carton 1	MSC4102	2" x 11 yd. (5.08 cm x 10.06 m)	A4452	12 rolls/bx		
	MSC4104	4" x 11 yd. (10.16 cm x 10.06 m)	A4452	12 rolls/bx		
	MSC4106	6" x 11 yd. (15.24 cm x 10.06 m)	A4452	12 rolls/bx		
	MSC4122	2" x 2 yd. (5.08 cm x 1.83 m)	A4452	12 rolls/bx		
4.9	MSC4124	4" x 2 yd. (10.16 cm x 1.83 m)	A4452	12 rolls/bx		
	MSC4126	6" x 2 yd. (15.24 cm x 1.83 m)	A4452	12 rolls/bx		

### **Recommended Wound Conditions**

- Shallow No/Minimal drainage
- O Primary dressing

- Moderate/Heavy drainage
  Secondary dressing

# **Secondary Dressings**

Adhesive Island Wound Dressings

SECONDARY DRESSINGS

### **About Secondary Dressings**

- Deluxe soaker pad
- Non-woven adhesive border
- Waterproof backing (Stratasorb)
- Water resistant backing (Bordered Gauze)
- Ideal for incision sites

### **Indications**

Pressure ulcers

Partial and full-thickness wounds

### Contraindications

Third-degree burns

Patients with a known sensitivity to components of the dressing

### **Change Frequency**

Change the dressing as indicated by the amount of drainage or as frequently as the primary dressing indicates

### **Recommended Secondary Dressings**

N/A





Island dressings protect, absorb and help maintain proper wound moisture.

ed Gauz	e Water resistant,	easy-to-use secondary dressing		
	Item Number	Description	HCPCS	Packaging
	MSC3222	2" x 2", (5.08 x 5.08 cm), 1" x 1", (2.54 x 2.54 cm) pad	A6219	15/bx, 10 bx/cs
	MSC3244	4" x 4", (10.16 x 10.16 cm), 2½" x 2½", (6.35 x 6.35 cm) pad	A6219	15/bx, 10 bx/cs
	MSC3245	4" x 5", (10.16 x 10.16 cm), 2½" x 2½", (6.35 x 6.35 cm) pad	A6219	15/bx, 10 bx/cs
	MSC3248	4" x 8", (10.16 x 20.32 cm), 2" x 6", (5.08 x 15.24 cm) pad	A6219	15/bx, 10 bx/cs
	MSC3266	6" x 6", (15.24 x 15.24 cm), 4" x 4", (10.16 x 10.16 cm) pad	A6219	15/bx, 10 bx/cs
	MSC32410	4" x 10", (10.16 x 25.4 cm), 2" x 8", (5.08 x 20.32 cm) pad	A6219	15/bx, 10 bx/cs
	MSC32414	4" x 14", (10.16 x 35.56 cm), 2" x 12", (5.08 x 30.48 cm) pad	A6220	15/bx, 10 bx/cs

Stratasorb Composite Waterproof, convenient secondary dressing						
	Item Number	Description	HCPCS	Packaging		
	MSC3044	4" x 4", (10.16 x 10.16 cm), 2½" x 2", (6.35 x 5.08 cm) pad	A6203	10/bx, 10 bx/cs		
	MSC3066	6" x 6", (15.24 x 15.24 cm), 4" x 4", (10.16 x 10.16 cm) pad	A6203	10/bx, 10 bx/cs		
	MSC3068	6" x 7½", (15.24 x 19.05 cm), 4" x 6", (10.16 x 15.24 cm) pad	A6204	10/bx, 10 bx/cs		
	MSC30410	4" x 10", (10.16 x 25.4 cm), 2" x 8", (5.08 x 20.32 cm) pad	A6203	10/bx, 10 bx/cs		
	MSC30414	4" x 14", (10.16 x 35.56 cm), 2" x 12", (5.08 x 30.48 cm) pad	A6204	10/bx, 10 bx/cs		

For more information, visit www.medline.com/woundcare or contact your sales specialist.

# **Skintegrity**®

Wound Cleanser

WOUND CLEANSER

## **About Skintegrity Wound Cleanser**

- Easy cleansing
- Non-cytotoxic
- Within AHCPR guidelines
- Adjustable trigger, PSI of 8.6 at 3"

### **Indications**

To clean a wide variety of wounds including:

Pressure ulcers

Partial and full-thickness wounds

Infected and non-infected wounds

### Contraindications

Patients with a known sensitivity to ingredients in Skintegrity Wound Cleanser

### **Change Frequency**

With every dressing change

### **Recommended Secondary Dressings**

None





Delivers gentle yet thorough cleansing.

Skintegrity Wound Cleanser					
	Item Number	Description	HCPCS	Packaging	
(9)	MSC6008	8 oz. (236 ml) Spray Bottle	N/A	6/cs	
	MSC6016	16 oz. (472 ml) Spray Bottle	N/A	6/cs	
Marie					

# Sureprep and Sureprep No-Sting

Sureprep

SKIN PROTECTIVE WIPES

## **About Sureprep and Sureprep No Sting**

- Protects from adhesive stripping<sup>1,2</sup>
- Safe for delicate skin<sup>3</sup>
- Fast drying<sup>4</sup>
- Vapor permeable film
- Creates a barrier on periwound skin
- Protection from friction and body fluids
- Non-cytotoxic

### **Indications**

Periwound skin

Peristomal skin

Damaged skin (Sureprep No-Sting)

### Contraindications

Direct application to wound bed

Denuded or macerated skin (Sureprep)

### **Change Frequency**

With every dressing change

### **Recommended Secondary Dressings**

Stratasorb Composite

**Bordered Gauze** 

#### Evidence Based References

1. Chakravarthy D, Falconio-West M. A Randomized, Controlled Trial of Two Sting Free Polymeric Skin Barrier Products, One Water Based, the Other Solvent Based. Presented at Clinical Symposium on Advances in Skin and Wound Care. Nashville, TN. 2007. 2. Grove GL, Zerweck C. CyberDERM Inc. Research Report #506-71, data on file. 3. 510(k) K051082, WOVE, 2005. 4. Data on file.



**S** = Supportive Products

# **Ordering Information**

Helps create a barrier on periwound skin to prevent maceration, and for preventing adhesive stripping.

Sureprep No Sting Ideal for damaged or delicate skin					
57-	Item Number	Description	HCPCS	Packaging	
	MSC1505	No-Sting Protective Wipes	A5120	50/bx, 10 bx/cs	

Sureprep Ideal for routine periwound skin protection					
-	Item Number	Description	HCPCS	Packaging	
Suraprapi	MSC1500	Skin Protective Wipes	A5120	50/bx, 20 bx/cs	

# **Product Selection Guide**

Based on Fluid Handling and DIMES®

	DRESSING	- DRAINAGE -			
	DRESSING	Dry/No Drainage	Moist/Minimal	Moderate	Heavy
D	Tenderwet Active Polyacrylate Gel Pad			TEND	ERWET ACTIVE
ı	Arglaes Antimicrobial Silver Dressing	AR	GLAES FILM ARGLA	AES ISLAND ARG	LAES POWDER
1	Maxorb Extra Ag Alginate				
1	Optifoam Ag Foam				
1	SilvaSorb Antimicrobial Silver Dressing		SILVASORB SI		ED ASORB CAVITY
M	Derma-Gel Hydrogel Sheet				
M	Exuderm Odorshield Hydrocolloid				
M	Gentleheal Foam		GE	ENTLEHEAL STANDAR	D AND SECURE LEHEAL EXTRA
M	Maxorb Extra Alginate				
M	Optifoam Foam		OPTIFOAM THIN		
M	Skintegrity Hydrogel	AMORPHOUS	AND GAUZE		
М	Skintegrity Hydrogel Sheet				
M	Suresite Transparent Film			AS A SECOND	ARY DRESSING
Е	Puracol Plus Collagen				
S	Bordered Gauze			AS A SECOND	ARY DRESSING
S	Stratasorb Composite			AS A SECOND	ARY DRESSING

### S = Supportive Services and Education

# Classification of Tissue Destruction

Ulcers not caused by pressure such as skin tears, donor sites, vascular ulcers, surgical wounds and burns are described as partial or full-thickness to indicate the depth of tissue destruction.

### Partial-Thickness (like Stage II) Full-Thickness (like Stage III or IV)

Ulcers caused by pressure are staged. This is a method of classifying pressure ulcers, describing the degree of tissue damage observed. According to the NPUAP, pressure ulcer is a localized injury to the skin and/or underlying tissue usually over a bony prominence, as a result of pressure, or pressure in combination with shear and/or friction. A number of contributing or confounding factors are also associated with pressure ulcers; the significance of these factors is yet to be elucidated. NPUAP, 2007

### STAGE I



Intact skin with non-blanchable redness of a localized area usually over a bony prominence. Darkly pigmented skin may not have visible blanching; its color may differ from the surrounding area.

### Further description:

The area may be painful, firm, soft, warmer or cooler as

compared to adjacent tissue. Stage I may be difficult to detect in individuals with dark skin tones. May indicate "at risk" persons (a heralding sign of risk).

### STAGE II



Partial-thickness loss of dermis presenting as a shallow open ulcer with a red pink wound bed, without slough. May also present as an intact or open/ruptured serum-filled blister.

#### Further description:

Presents as a shiny or dry shallow ulcer without slough or bruising.\* This stage should not

be used to describe skin tears, tape burns, perineal dermatitis, maceration or excoriation. \*Bruising indicates suspected deep tissue injury.

### STAGE III



Full-thickness tissue loss. Subcutaneous fat may be visible but bone, tendon or muscle are not exposed. Slough may be present but does not obscure the depth of tissue loss. May include undermining and tunneling.

### Further description:

The depth of a stage III

pressure ulcer varies by anatomical location. The bridge of the nose, ear, occiput and malleolus do not have subcutaneous tissue and stage III ulcers can be shallow. In contrast, areas of significant adiposity can develop extremely deep stage III pressure ulcers. Bone/tendon is not visible or directly palpable.

### STAGE IV



Full-thickness tissue loss with exposed bone, tendon or muscle. Slough or eschar may be present on some parts of the wound bed. Often include undermining and tunneling.

### Further description:

The depth of a stage IV pressure ulcer varies by anatomical location. The bridge

of the nose, ear, occiput and malleolus do not have subcutaneous tissue and these ulcers can be shallow. Stage IV ulcers can extend into muscle and/or supporting structures (e.g., fascia, tendon or joint capsule) making osteomyelitis possible. Exposed bone/tendon is visible or directly palpable.

### SUSPECTED DTI



Purple or maroon localized area of discolored intact skin or bloodfilled blister due to damage of underlying soft tissue from pressure and/or shear. The area may be preceded by tissue that is painful, firm, mushy, boggy, warmer or cooler as compared to adjacent tissue.

### Further description:

Deep tissue injury may be difficult to detect in individuals with dark skin tones. Evolution may include a thin blister over a dark wound bed. The wound may further evolve and become covered by thin eschar. Evolution may be rapid exposing additional layers of tissue even with optimal treatment.

### UNSTAGEABLE



Full-thickness tissue loss in which the base of the ulcer is covered by slough (yellow, tan, gray, green or brown) and/or eschar (tan, brown or black) in the wound bed.

Further description: Until enough slough and/or eschar is removed to expose the base of the wound, the true depth, and

therefore stage, cannot be determined. Stable (dry, adherent, intact without erythema or fluctuance) eschar on the heels serves as "the body's natural (biological) cover" and should not be removed.

For more information, visit www.medline.com/woundcare or contact your sales specialist.

## **Educational Packaging**

Many nurses find themselves in situations on a daily basis where valuable time is wasted searching for the right dressing. Often the wrong dressing is used or the dressing is not used properly. By listening to you, we found a way to improve this process and ensure that nurses have the information they need. It

is called EP... Educational Packaging. Products available in EP will now have an "EP" at the end of the item number.

The package focuses on patient safety and correct product application. Each package serves as a 2-Minute Course on Wound Care™.



Many times the outer box is thrown away and the product is distributed to the end user by the inner package. For that reason Medline provides an educational show-and-tell booklet of all the pertinent information needed to provide bedside support to the nurse, the patient, and the family.

Education is not just for clinicians so they know and use the latest evidence base in their practice, but it is essential for their patients and their families. Making sure the patients and their family are taught the expected outcomes and the plan to achieve them is vital for successful wound treatment



**S** = Supportive Products

### **Compass Wound Care Programs**

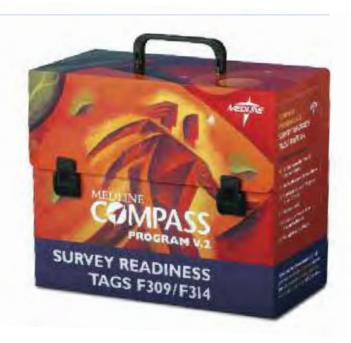
Our Compass Wound Care Prevention and Treatment program contains education at every level from the wound care champion at your facility to the bedside nurse to the patient/resident and their family. The program contains *The Wound Care Handbook*, wound care pocket guides, patient education brochures, and a CD containing 225 images organized by wound categories.





# **Survey Readiness for** Long-Term Care Tags F309/314

- 1. D.O.N. instructional manual (teacher's guide)
- 2. Survey readiness resource books
- 3. Self study education programs (CE credit)
- 4. Wound measuring rulers
- 5. Wound care application videos
- 6. Continuous pressure ulcer prevention booklets



For more information, visit www.medline.com/woundcare or contact your sales specialist.

Patient Education

### **Education**

### **Educare® Seminars**

Medline offers Educare seminars in cities across the United States. These in-depth programs provide wound and skin care education for all levels of clinical staff. Educare programs are approved for continuing education hours and are taught by board-certified wound care nurses. Medline also has a number of other educational programs available to meet the needs of your patients, facility and caregivers.





### **Medline University**

Medline University offers continuing education programs and accredited continuing nursing education opportunities. We offer a wide array of educational opportunities on topics that are current and relevant to your staff. The courses are presented in an online format so you can take them at your convenience. All you need is a connection to the internet! The course content, test and CE certificate are online. Visit our Web site www.medlineuniversity.com for more information.



# D I M E S

### S = Supportive Products



# **Educare® Hotline Managed by Wound Care Nurse Specialists**

An important number to remember is 1-888-701-SKIN (7546) because it provides access to our Educare Hotline. It is managed by board-certified Wound Care Nurses and supported by a network of advanced wound care product specialists. The nurses are available to answer questions and concerns on product usage such as application and appropriateness of the dressing for the wound condition. The Educare

Hotline is staffed Monday through Friday from 8 a.m. to 5 p.m. Central Standard Time.

### Product Support at www.medline.com/woundcare

Medline's Web site is another way to get up-todate product information. You will find the latest brochures as well as application videos online at www.medline.com/woundcare. The interactive product selector can also help you choose the best product based upon the wound conditions.

# More Than 50 Wound and Skin Care Product Specialists

Receiving help from one of Medline's 50+ wound care product specialists has never been easier. In addition to our 800 person sales force, the wound care product specialists are devoted to supplying you with appropriate wound care products, services and educational support. This team is highly trained and available to deliver on-site, face-to-face in-servicing for your staff.

2-Minute Course on Wound Care™ is a trademark of Medline Industries, Inc. Acticoat™ is a registered trademark of T.J. Smith & Nephew Limited Corporation

### **Summary**

In summary, the concept of wound bed preparation includes the treatment of the whole patient before the hole in the patient (treat the cause and the patient-centered concerns). Local wound bed preparation includes DIM (debridement, infection/inflammation and moisture balance) plus advanced edge effect therapies (for wounds with the ability to heal) and support in the way of "other products," services and nutrition. Finally, always remember that education is the scaffold for practice. Without it, clinicians cannot advance practice and improve patient wound healing outcomes.

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