
SilverMed[®]

A New Generation Of
antimicrobial silver

Wound Care Products



SilverMedTM

antimicrobial silver hydrogel

Binds Matrixs Metallo Protease (MMP's)

Allowing the body to heal itself by releasing the cells to carry out their necessary healing activities.

Reduces bioburden

Creates a favorable environment for wound healing.
Effective against a broad range of bacterial and fungal pathogens.

Long lasting antimicrobial barrier protection

Unique Dynamic MatrixTM Technology allows for sustained release of antimicrobial silver ions from the gel into the wound.

Regulates hydration

SilverMed Gel donates or absorbs wound exudate as needed to keep a favorable moisture level in the healing wound.

Extended protection

SilverMed Gel may continue to provide antimicrobial effectiveness in the wound for up to 6 days.

Convenient packaging

SilverMed Gel is available as convenient single-use saturated gauze dressings, or in an economical 3 fl. oz. or 1.5 fl. oz. multiple use tube.

Easy application and monitoring

SilverMed Gel is a crystal clear formula that easily spreads throughout the wound.
Will not stain or irritate the tissue.
Will not obscure wound observation.

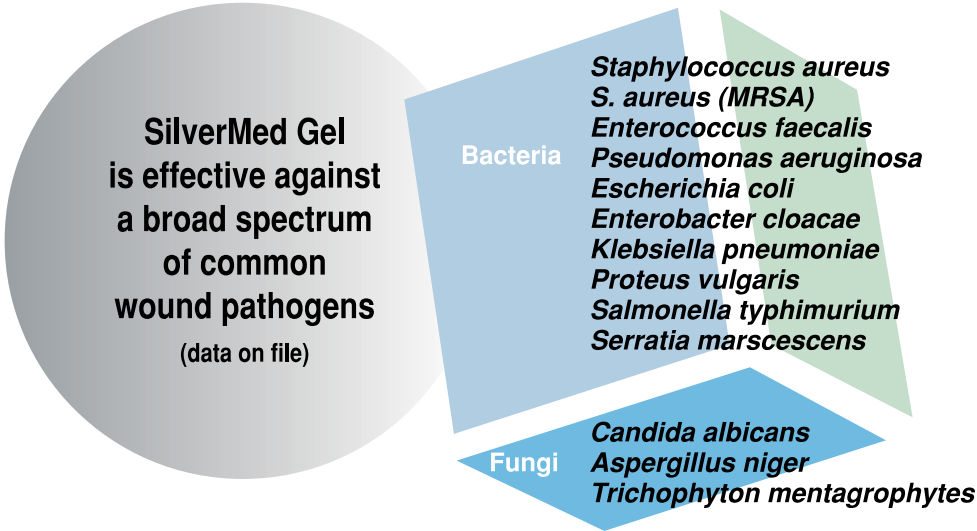
Directions

- 1) Cleanse wound of dirt, debris and necrotic tissue.

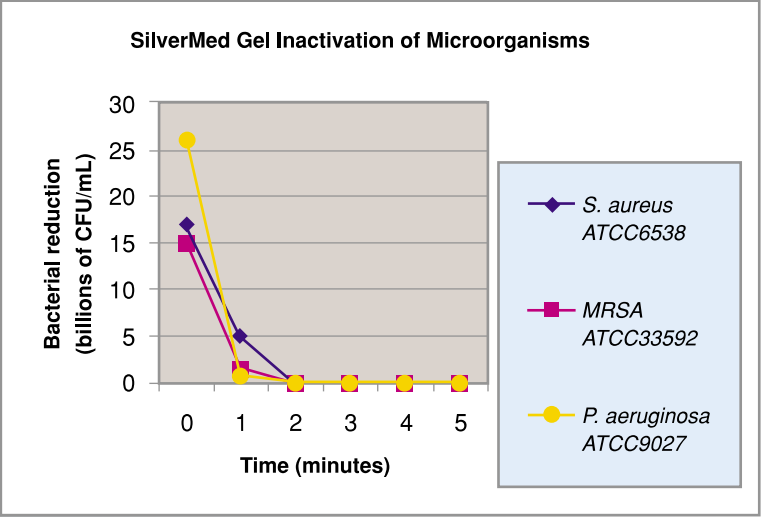
2) Pack wound with silver impregnated saturated gauze or spread silver hydrogel throughout the wound to approximately 1/4" thickness.

3) Cover with dressing, preferably waterproof, with good M.V.T.R.

4) Change in accordance with your protocol.



ADVANCED SUSTAINED-RELEASE SILVER POLYMER DRESSING



Immediate Antimicrobial Action

Kills rapidly (within minutes) all microorganisms tested *in vitro*
Unique composition of wound conditioners and optimal chemical balance supports wound healing.

Gentle Sustained-Release

Dynamic Matrix technology allows for continuous release of an ionic silver antimicrobial barrier, which is very gentle on underlying healthy tissue.

SilverMed DressingsTM

SilverMedTM dressings deliver 1-2 ppm of silver ions over a prolonged period (several days) effectively reducing contaminating microorganisms. **SilverMedTM** delivers an upfront punch of about 5 ppm to the wound (based on free ions in the product during manufacturing), with the rest of the silver being released slowly at 1-2 ppm over a period of several days. This is the antimicrobial value of **SilverMedTM** products that act to begin eliminating microbes in the wound on application of the product, rather than having to wait 1-2 hours for silver to start leaching out of dry dressings. This prevents the release of toxic compounds by live bacteria.

How can a delivery of silver ions affect wound healing?

Silver ions, delivered to a wound surface appear to decrease excess surface and matrix metalloproteinase (MMP's) activity. Excess proteinase activity is now considered to be a major cause of impaired healing. An over abundance of MMP's destroys new tissue & growth factors. In addition, silver increases surface calcium ions which increases the rate of wound epithelial proliferation and migration.

SilverMedTM Sustained Silver Release Dressings:

- Provides broad spectrum antimicrobial action
- Reduces offensive odors
- Enhances patient comfort
- Kick-starts the healing process by inhibiting MMP's
- Increases tissue synthesis
- Protects growth factors by inhibiting MMP's
- Decreases inflammation

References: Dr. Alan B. G. Lansdown, The Role of Silver. *European Tissue Repair Society*. Bulletin 9.4 Concepts in Clinical Wound Healing, 2006. 1-4
Armstrong DC, Jude EB. The role of matrix metalloproteinases in wound healing. *Journal of American Podiatric Association* 2002;92;1;12-8

SilverMed products provide sustained antimicrobial barrier activity to reduce infection and promote an effective wound healing environment. Bioavailable silver binds to MMP's and jump starts the healing of difficult to heal wounds. SilverMed Gel is an excellent hydrogel formulated to contain antimicrobial ionic silver as well as wound conditioners and environmental modifiers which support optimal wound healing.

SilverMed Gel is an amorphous gel wound dressing designed for use in moist wound care management. Stabilized silver microparticles are immediately activated on contact with wounds to continuously release ionic silver into the surrounding wound site. SilverMed Gel acts as a sustained-release antimicrobial barrier and may help to reduce infection by bacteriostatic and bacteriocidal action on clinically relevant pathogens. The gel contains silver in quantities of 30 parts per million.

SilverMed Gel is biocompatible and will not harm underlying or newly developing tissue. It is non-staining, non-irritating and fully biodegradable.

SilverMed Saturated Gauze Dressings - Excellent for packing affected wounds, as well as chronic deep wounds.

SilverMed Wound Cleanser - Can be used to cleanse away dirt, debris and necrotic tissue while eliminating bacteria and fungus, breaking the chain of contamination.

Indications

Under the care of healthcare professionals, SilverMed gel is appropriate for use in the management of partial to full thickness wounds with light to moderate exudate such as:

- Pressure ulcers, diabetic foot ulcers and leg ulcers
- Skin abrasions, lacerations and tears
- Chemical or thermal burns (1st & 2nd degree)
- Surgical wounds, grafted wounds and donor sites



SilverMed Ordering Information

Item No.	Description	Packaging
ABSM1406	1.5 oz tube	12/cs
ABSM1410	3 oz tube	12/cs
ABSM1415	8 oz spray wound cleanser	12/cs

MPM Medical, Inc. • 2301 Crown Ct. • Irving, Texas 75038 • www.mpmmed.com • Email: info@mpmmed.com
Telephone Orders: (972) 893-4090 • WATS: 1-800-232-5512 • Fax Orders: (972) 893-4092