

Preventogen

FDA CLEARED

Clinically proven, non-antibiotic infection prevention

Preventogen is microbicidal liquid polymer that kills viruses, fungi and bacteria (all microbes) on contact and forms an elastomeric film barrier that protects the wound from water, dirt and germs.



Kills pathogens on contact



Seals & protects the wound



Non-antibiotic



Optimizes healing

WARNINGS: For use on minor wounds, cuts, abrasions, burns and scrapes. Skin must be dry. Not for use on deep, infected, or puncture wounds. Do not use near eyes, nose or mouth. For external use only.

Please see package insert for complete information.

[Preventogen.com](https://www.preventogen.com)

Preventogen

Proprietary method of action



KILLS

Preventogen actively kills viruses, fungi and bacteria on contact by lysing the cell membrane leading to quick cell death



SEALS AND PROTECTS

The liquid dries, creating a biodegradable, odorless and flexible film barrier to protect the wound from water, dirt and oxygen



HEALS

After the wound is sealed, carbon dioxide that is infused during Preventogen's manufacturing process is released, lowering the pH and initiating the healing process



The body's healing oxygen [VEGF-protein] is activated which stimulates vascular endothelial growth factors for regeneration and remodeling

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PROVEN TO KILL ON CONTACT

VIRUS

Herpes Simplex 1 (cold sores)
Herpes Zoster (shingles virus)

FUNGI

Aspergillus niger (super-bug)
T. rubrum
Candida albicans
D Aspergillus brasiliensis
Candida auris (super-bug)

BACTERIA

Escherichia coli
Pseudomonas aeruginosa
Staphylococcus aureus
MRSA (super-bug)
VRE (super-bug)
Acinetobacter baumannii (super-bug)
Bacillus subtilis
Clostridium sporogenes
Streptococcus pyogenes

Clinically proven protection from pin-tract infections

Preventogen showed a statistically significant reduction in pin-tract infections ($P < 0.001$)

PREVENTOGEN (n=60)	CONTROL (n=60)	PEER REVIEW
0% NO PIN-TRACT INFECTIONS	23% 14 (23%) PIN-TRACT INFECTIONS	27% PIN-TRACT INFECTIONS**

**based on meta-analysis of 150 Peer Reviewed Clinical Studies

Preventogen is ideal for patients at risk of infection

or minor wound progression due to poor healing caused by common risk factors including: trauma, compromised immune system, diabetes, poor circulation, inflammation, stress or poor nutritional status

POST-SURGICAL APPLICATIONS

- Closed surgical incisions and excisions
- Any closed post-operative surgical wound
- Pin-tract infection prevention
- Minor trauma wounds prone to infection
- Shave biopsies
- Mohs micro-graphic surgery
- Flap and full-thickness skin graft repairs
- Hallux surgical wounds
- Morton's neuroma surgical wounds
- Tunnel release surgical wounds
- Post hammer toe surgery (arthroplasty or arthrodesis)
- Procyon (ingrown toenail); partial or total nail avulsion
- Orthopedic trauma

NON-SURGICAL APPLICATIONS

- Heel fissures or any other fissure of the foot
- Blisters, calluses or sores due to rubbing
- Corns or calluses/post debridement
- Any abrasions

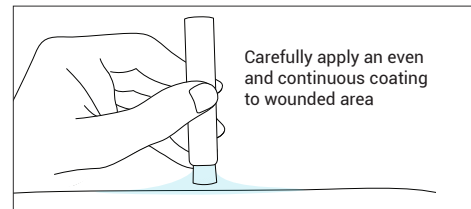
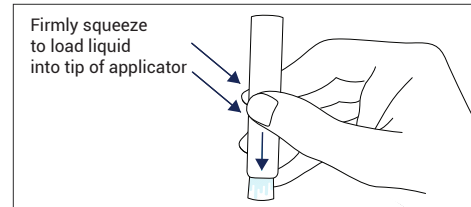
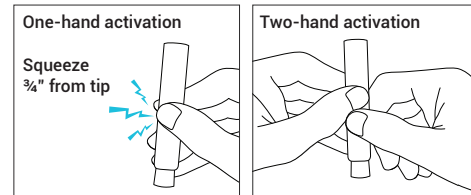
Preventogen

INSTRUCTIONS FOR USE

- Before applying Preventogen remove any moisturizers, lotions, soaps or creams. Thoroughly clean and dry the skin
- Protect sensitive areas, such as stomas and mucous membranes (mouth, eyes and inner nose)
- Depending on the nature of the skin injury, some people may feel a strong warming sensation as Preventogen actively kills pathogens on contact

APPLICATION

- Remove stick by pushing through protective Tyvek barrier
- Remove protective blue cap to expose the tip of the applicator
- Point tip toward the ground, firmly squeeze the middle of the applicator (with your thumb and forefinger) to activate the inner vial. You will hear and feel the 'pop' of the vial activating
- Continue to hold the applicator upside down and begin firmly applying pressure on the tube to load Preventogen through the filter and into the tip
- Applying more pressure will deliver more fluid to the applicator tip, but be cautious of over-squeezing. DO NOT use a milking motion to express liquid. The liquid will move toward tip with gravity.
- To slow down the flow, release pressure on the stick
- When tip is saturated, apply the liquid evenly on and around the wound in a counter clockwise motion. Cover an area that extends beyond the edges of the wound
- When used at room temperature, Preventogen will dry within approximately 30 seconds and form and polymerize into an elastomeric barrier
- Inspect film to be sure a complete, continuous covering of the wound and surrounding area has occurred
- Preventogen will cover an area approximately 5 in by 5 in or 10 in by 1.5 in (over sutures)
- Ensure that Preventogen has completely dried before covering with clothing, additional dressings, adhesives or athletic tape
- To remove the film, wash the area with soap and water and gently peel off starting at the outer edges



References: 1. Pema, S. (Dec 1, 2018). Retrospective Evaluation of Microbicidal Polymer Dressing for Reduction of Infection Following Post Deformity Correction Surgery. *J Drugs Dermatol*, 17(12):1322-1324. 2. Lobst C, Liu R. (2016). A systematic review of incidence of pin track infections associated with external fixation. *Journal of Limb Lengthening & Reconstruction*,(2):6-16.

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