Instructions for Use PATENTED

*hy*CURE®

Medical Hydrolysate of Type I Collagen
Wound Exudate Absorber and Filler

A natural hydrolyzed protein powder (collagen), *hy*CURE® interacts with the wound site as it forms a gel when mixing with the wound's exudate and provides a moist healing environment. Collagen is a biological platform for new cell growth[1] and supplies nutritive protein directly to the wound site[2]. It promotes and accelerates cellular regeneration by replicating the natural fibro-connective template[3] and provides mechanical protection against physical and bacterial insult[4]. Hydrolyzed collagen has been experimentally tested as a hemostatic agent and as a tissue adhesive exhibiting the following characteristics: permitting bond formation without undue deformation of tissue, providing complete sealing and having the potential to augment physically weakened tissues (aneurysms)[5].

Description:

Each gram of *hy*CURE® is within specifications as noted: a collagen powder having a pH of 5.5-6.5, ash content of 2.5% max, isotonic point of 5.0-6.5, and a proprietary molecular weight range.

Indications:

- **Pressure Ulcers (Stages 1-4)**
- **Venous Stasis Ulcers**
- **Diabetic Ulcers**
- **First and Second Degree Burns**
- **Ulcers Resulting From Arterial Insufficiency**
- **Surgical Wounds**
- **Traumatic Wounds**
- **Superficial Wounds**

Characteristics:

- **Provides a physiologically favorable environment that encourages wound healing**
- **Protects the wound bed and newly formed granulation tissue by the formation of an occlusive gelatinous barrier**
- **Reduces pain**
- **Conforms to any wound site**
- **Biocompatible and biodegradable**
- **Controls the evaporation of fluid**
- **Soothes and deodorizes**
- **Naturally highly absorbent**
- **Easy to handle and deliver**

Precautions and Contraindications:

No known side effects, not intended for use as a long-term or permanent dressing.

Product Administration:

***hy*CURE® is a sterile collagen hydrolysate powder and should be handled accordingly.**
1. The wound site should be debrided and cleansed with sterile water or normal saline solution.
2. The skin surrounding the wound site should be dried, leaving the wound site moist.
3. Open the package and apply *hy*CURE® directly onto the wound site (approximately ¼" thickness).
4. Apply a non-adherent dressing such as polyurethane film or gauze to the wound site.
5. Change dressing as needed. With subsequent dressing changes, any remaining hyCURE® does not need to be removed.

hyCURE is supplied in 1g packets.

References:

1. Jain MK, Berg, RA. Material properties of hard tissue substitutes, Man.In Prep.
2. Stotts N, Tevis D. "Co-factors in impaired wound healing." Ostomy/Wound Management, 42:48, 1996.
3. Silver FH. Biological Materials, Structure, properties, and Modeling of Soft Tissues, NYU press 1987.
4. Chvapil M, Van Winkle Jr W. "Medical and surgical applications of collagen." International Review of Connective Tissue Research 6:36, 1973.
5. Cooper CW, Falb RD. Ann. N.Y. Acad.Sci. 146:214.

The Hymed Group Corporation, 1890 Bucknell Drive, Bethlehem, PA 18015