Contra-Indications:

Healicoll is derived from a bovine or ovine source and should not be used in patients with known sensitivity to such material. This device is not indicated for use in third-degree burns.

Precautions:

Do not resterilize. Healicoll is sterile if the package is dry, unopened and undamaged. Do not use if the package seal is broken. The device must be used prior to the expiration date. Discard all open Healicoll and any unused portions. Healicoll is available by medical prescription only.

Storage:

Healicoll should be kept in a clean, dry location. It can be stored at ambient room temperature and it is risk-free between -18°C to 40°C or 0°F to 104°F.

Sterilization: Healicoll has been sterilized with ethylene oxide.

Shelf Life: Healicoll shelf life is 3 Years.

Available Sizes (in cms):

5x5	5x10	2x25	10x10	10x15	10x20	10x25	15x15	15x20	15x30
15x45	15x65	20x20	20x25	25x25	20x30	20x40	30x30	40x40	60x60
20x35									

(Each individually sterile packaged)

Lic. Number: MFG/MD/2022/000146

Manufactured & Marketed by:

Advanced Biotech Products (P) Ltd.

New 17, Old 77, First Cross Street,
Ragavan Colony, Chennai - 600083, India.

CE

Under the Technology from:

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Fremont, CA, USA

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Healicoll®

COLLAGEN BASED STERILE MEMBRANE
BIO - ENGINEERED SKIN SUBSTITUTE

**For Partial and Full Thickness Wounds,
Second-degree Burns, Trauma, Skin Ulcers, and Skin Donor Sites.**

Advanced Patented High Purity Type-I Collagen
Technology for Wound Care Professional

Advanced Biotech Products (P) Ltd.

www.abpdermal.com
info@abpdermal.com

Healicoll®

Healicoll is bio-engineered high purity Type-I collagen (>97% pure) forming an acellular skin substitute construct that is highly bioactive, cell conducive, and supportive towards enhancing tissue generation for wound management. Healicoll is an acellular dermal replacement product and is within the definition of a bio-engineered skin substitute. It provides a framework that promotes the regeneration of blood vessels and supports biologic cell migration due to the resorbable properties of Healicoll.

Applications:

- **Partial and full-thickness wounds**
- **Pressure ulcers**
- **Venous ulcers**
- **Chronic vascular ulcers**
- **Diabetic ulcers**
- **Trauma wounds: Abrasions, Lacerations, Skin tears, Second-degree burns**
- **Surgical wounds: Donor sites/grafts, Post- Mohs' surgery, Post Laser surgery, Podiatric, Wound dehiscence.**

Advantages of Healicoll Biological Skin Substitute:

High purity Type-I Collagen: Healicoll is a patented reconstituted bioactive collagen sheet, free of immunogenic proteins, lipids, and elastin. The native structure of collagen is not altered or cross-linked which maintains its high bioactivity.

Faster Healing: Collagen phosphorylation attracts cells, regenerates tissue, and stimulates blood capillaries/granulation within 4 to 5 days.

Innovative Technology: Better than intact tissue-based membranes like amnion, intestinal wall, urinary bladder etc. which contain 15% elastin.

Pain Control: Effectively reduces pain.

Easy Application: No washing needed prior to use. The overall clinical usage of Healicoll is simple and easy as it can be cut, sutured or stapled.

Cost-Effective: Accelerated wound healing and tissue remodeling with minimal applications reduce the treatment cost by over 40%.

Various Sizes: Choose from a wide range of our standard dimensions.

Long Shelf Life: Remains clinically usable for 3 years when stored in room temperature conditions.

Directions for Use:

Note: Healicoll comes in a sterile double packaging as a transparent pliable sheet with a back and a top protection cover sheet of medical grade synthetic polymer.

• Upon opening the sterile package, carefully remove the top sheet of polymer and soak the Healicoll membrane in sterile saline solution for 5 to 10 minutes to easily remove the other backing sheet, (soaking time is not critical for the efficacy of the product).

• Prepare wound area using standard methods to ensure the wound is free of debris and necrotic tissue. An initial surgical debridement of the wound may be necessary to ensure the wound edges contain viable tissue.

• Do not apply ointment or any greasy cream on site prior to Healicoll membrane. Healicoll membrane can be applied on either surface and it adheres to the wound. In case of dry wounds, sprinkle with sterile saline solution before applying Healicoll.

• Do not try to over-stretch the Healicoll membrane.

• Place Healicoll carefully over the wound, press out any air pockets underneath, making sure Healicoll membrane contacts well to the surface of the wound. Any excess Healicoll can be cut and placed as a second layer. Excessive exudate underneath Healicoll can be drained by making slits through the membrane.

• If there is a need to secure Healicoll membrane in place, the edges can be taped, sutured or stapled if preferred by the doctor. If a secondary dressing is required, use any non-adherent dressing to prevent unnecessary adherence of Healicoll membrane to the secondary dressing. Change secondary dressing as required.

• Additional application of Healicoll membrane is not generally required unless patient is hyperglycemic.

• Repeated application is not required, unless the wound is infected or accumulates excessive exudate underneath which can be drained by making slit openings in the Healicoll application.

• Removal of a Healicoll membrane is not required except when wound is infected; or, if excessive exudate is under the Healicoll membrane; or for slowly healing chronic ulcers, 5 to 7 days after an application of Healicoll membrane. Moisten the Healicoll membrane with saline and gently remove.

• Depending on the treatment modality, sometimes Healicoll may remain intact and gets peeled off as the wound heals which may carefully be removed by moistening with saline soaked gauze for a few minutes. However, in some cases, Healicoll may get incorporated into the wound bed in about 4 to 5 days resulting in complete absorption of Healicoll.

• For donor site application, after surgical removal of donor tissue, arrest bleeding by conventional methods, clean the site and apply Healicoll.

• Oral or systemic antibiotics may be given as prescribed in infected cases and in non-infected cases as a preventive measure for better and faster results.

Caution:

Always handle Healicoll using aseptic techniques. Healicoll should not be applied until excessive exudate, bleeding, acute swelling, and infection is controlled. It air pockets appear beneath the applied Healicoll, it can be gently pressed and removed using sterile methods. In case of localized bulging due to fluid accumulation beneath Healicoll, a small incision can be made to exude fluid. This incision can be patched with a small piece of Healicoll adhering to the original applied Healicoll sheet. After application, use an appropriate, non-adherent, secondary dressing to maintain a moist wound environment. Frequency of secondary dressing change will depend on the volume of exudate produced and type of dressing used. Do not forcibly remove sections of Healicoll that may adhere to the wound. Healicoll may form a caramel-colored gel, which can be rinsed away with gentle irrigation.