

A 67 years old male, presented with chronic ulcer in foot of right leg. After examining the site and other diagnosis, the patient was reported with presence of other complications such as systemic diabetes.



Wound was dressed by **BioFil®-AB** particles and BioFil sponge. The patient was advised with hygienic maintenance of dressing site and the dressing were changed periodically as prescribed.



After 12 weeks of treatment the wound was found to be healed without any reported events. The products were safe and effective in healing the chronic wound supports faster wound healing.

Dr. M V Manoharan, Ms Mch Plastic Surgery, Preethi Hospitals, Madurai.

Instructions for use:

- Prepare the wound bed as per the standard protocol.
- Sprinkle the PARTICLES to thinly cover the surface of wound.
- Cover the wound with a non-adherent, absorbent secondary dressing of choice.
- Frequency of dressing change will be once in 2-3 days depending on phase of wound healing & exudation levels.

Product Code	Size	Unit/Box
BFPP 1002-05	5ml	5
BFPP 1003-02	10ml	2

Product Code	Size	Unit/Box
BMPP 1002-05	5ml	5
BMPP 1003-02	10ml	2

Reference:

- Helps in wound Debridement by attracting Monocytes (Postlewaithe and Kang, 1976);
- Attracts Fibroblasts and helps in Directed Migration of cells (Dunn and Ebendal, 1978);
- Binds with Fibronectin, which promotes cell binding (Kleinman et al., 1981b);
- Supports growth (Morykwes et al., 1989);
- Differentiation and migration (Emerman and Pitelka, 1977) of Keratinocytes

BABLBL-E-20220109 - V1



Manufactured by:

EUCARE PHARMACEUTICALS PRIVATE LIMITED

Plot No. AC 25-B, SIDCO Industrial Estate, Thirumudivakkam, Chennai - 600132. India.
Tel: +91 44 4598 9955 / 9909 / 9904 / 9903 / 9915; Fax: +91 44 2478 2516 / 4598 9914
E-mail: info@eucareindia.com | Website: www.eucareindia.com

We create and surpass our own standards

BioFil® - Registered Trade Mark in India & EU.

EUCARE
the collagen people

BioFil®-AB

Particles

Most chronic wounds are locked in Inflammatory phase

Inflammation



- ➔ Excess of MMPs & damaged tissues
- ➔ Lack of collagen & growth factors

The Phase Shifter



Granulation



- ➔ Shortens inflammatory phase
- ➔ Accelerates healthy granulation
- ➔ Results in rapid wound healing

When infection control is equally critical

BioFil®-AB

Particles
Sterile medicated collagen particles



Combination of collagen & antibiotic ensures rapid infection control followed by phase shift

► **MUPIROCIN 2%**
Active against gram +ve bacteria including aerobes

► **METRONIDAZOLE 1%**
Active against fungi, protozoa and Gram -ve bacteria including anaerobes

Recommended for infected deep & cavitated chronic wounds.



Collagen plays an important role at each stage of wound healing



Wound Healing Phases



Haemostasis

- ➔ Regulates platelet aggregation and accelerates instant clot formation

Inflammation

- ➔ Acts as chemoattractant for polymorphonuclear neutrophils, monocytes & other inflammatory cells
- ➔ Stimulate autolytic debridement
- ➔ Optimizes the wound bed pH
- ➔ Acts as a sacrificial substrate for MMPs

Proliferation

- ➔ Promotes angiogenesis
- ➔ Acts as an ideal scaffold for fibroblasts migration and maturation
- ➔ Accelerates granulation and tissue regeneration
- ➔ Promotes re-epithelization

Maturation

- ➔ Promotes lateral migration of keratinocytes across the wound bed to close

Re-activates the healing process

BioFil®

Sterile Collagen Particles



BioFil® Particles are 100% resorbable

Stimulates autolytic debridement

Acts as sacrificial substrate for MMPs

Acts as scaffold for fibroblast migration

Conclusions: Collagen dressing is effective in management of chronic non healing ulcers when compared to conventional dressing. It heals by forming an early granulation tissue.

Recommended for non-infected deep & cavitated chronic wounds.