
Answers to questions that users might ask about HEALICOLL Collagen Dressing

Question: What are collagen dressings?

Answer: Collagen have been used in various forms for tissue repair and wound healing, as it constitutes more than 80% of the structural proteins of the body. Compared to many other modern non-biological dressings, collagen dressings remain a poorly understood and probably underused material. Biodegradable collagen dressings are derived from animal tissues. Collagen dressings maintain a physiologically moist microenvironment that promotes healing and the formation of granulation tissue. Collagens can be rinsed away with saline irrigation, so removal of the dressing does not interfere with healing granulation tissue.

Question: How do collagen dressings work?

Answer: There have been few studies of the effect of collagen dressings on the processes of wound healing. The healing of skin tissue requires the development of a vascularized granular tissue bed, filling of large tissue defects by dermal regeneration, and the restoration of a continuous epidermal keratinocyte layer. Several experimental results suggest that the collagen is an ideal material for tissue regeneration compared to other non-biological wound healing materials.

Question: What are the main indications for HEALICOLL collagen dressings?

Answer:

- ✚ Partial and full-thickness wounds.
- ✚ Pressure sores/ulcers.
- ✚ Venous ulcers.
- ✚ Chronic vascular ulcers.
- ✚ Diabetic ulcers.
- ✚ Trauma wounds (abrasions, lacerations, 2nd degree burns)
- ✚ Surgical wounds (donor sites/grafts, post-Mohs' surgery, post-laser surgery, podiatric, wound dehiscence)

Question: Are there any side effects of HEALICOLL collagen dressings?

Answer: More than 10,000 clinical uses of the product abroad did not exhibit any signs of adverse reaction and hence believed to have no side effects. The product has been proven safe and biologically non-toxic. It is also safe in newborn babies. Quite remarkable healing was attributed to Healicoll when applied on donor sites of a newborn babies.

Question: Whether HEALICOLL Collagen dressing needs to be refrigerated?

Answer: No need. Storage at normal room temperature is quite adequate.

Question: *What is the shelf-life of HEALICOLL Collagen dressing?*

Answer: *3 years, under normal storage conditions.*

Question: *Is HEALICOLL Collagen dressing been approved by US-FDA?*

Answer: *Yes. Approved in Aug. 2004 by US-FDA with 510(k) Number, **K040314***

Question: *Is there any difference between collagen preparations?*

Answer: *Yes. Healicoll has been prepared under the US-Patented technology to yield high purity Type-I Collagen. Contaminating other types like Type-II and Type-III are potentially immunogenic and such type collagens are removed in HEALICOLL preparation to avoid any antigenic problems.*

Question: *What disadvantages of skin allograft is not applicable for Healicoll?*

Answer: *The following disadvantages of Allograft are not with Healicoll:*

- + Fear of HIV and other human infections*
- + Cross-linking or other preservatives that might reduce the bioactivity of the graft.*
- + Biohazardous material disposal problems.*
- + Immediate availability is quite difficult*

Question: *What are the normal sizes of Healicoll collagen dressing ?*

Answer: *From 2x2 inch size to 15.75 x 15.75 inches. (See the brochure).*

Question: *What is the role of collagen dressings in split skin graft donor sites?*

Answer: *Healicoll Treatment showed 28% improvement over other Standard Care Treatments in a Clinical Study.*

Question: *Can collagens reduce post-operative donor site pain?*

Answer: *There was a significant reduction in post-operative pain in the collagen dressings at days 1 and 2 when compared to the other gauze groups ($p < 0.02$).*

Question: *Are collagens effective with full-thickness pressure ulcers?*

Answer: *A randomized, controlled trial of 34 patients with full-thickness pressure ulcers set out to compare the efficacy of an collagen wound dressing with the current standard of care. During treatment, a minimal 64% reduction in wound area was obtained in 86% of the patients within 4 weeks in the collagen group and in 39% of patients in the control group under same time duration.*

Question: *What is the role of collagens in foot care?*

Answer: *Independent clinical studies showed at least 45% epithelialization of the foot ulcer wound in 6 days time period. Further 30% healing improvement was noticed with Healicoll over other collagen for Leg Ulcer Treatments.*

Question: *Who uses our HEALICOLL Products?*

Answer: *To date, HEALICOLL has been used primarily by professional health care providers of private and university hospitals. HEALICOLL is simply the most*

effective, durable and easy to use wound-healing product on market safe for Neonates and Infants or Geriatrics and is currently used on wounds, burns.

Question: *Can the HEALICOLL Wound Dressing be placed on wounds with necrotic tissue?*

Answer: *The HEALICOLL Wound Dressing can be placed on wounds with necrotic tissue provided the HEALICOLL fabric is moist with water and placed in direct contact with the necrotic tissue. Daily dressing changes are recommended with mechanical debridement of the necrotic tissue. The HEALICOLL will reduce the bioburden of the necrotic tissue and assist with autolysis.*

Question: *Can HEALICOLL Wound Dressings be placed on soft tissue necrosis secondary to radiation burns?*

Answer: *The HEALICOLL Wound Dressing can be placed on wounds caused by soft tissue necrosis secondary to radiation burns. The HEALICOLL is moistened with sterile water and placed in direct contact with the injured dermis with mechanical debridement of the necrotic tissue.*

Question: *Can HEALICOLL Wound Dressings be placed on chemical burns such as cement burns?*

Answer: *The HEALICOLL Wound Dressing can be placed on wounds caused by chemical burns from cement and concrete. The HEALICOLL is moistened with sterile water and placed in direct contact with the chemically burned tissue.*

Question: *How tissue friendly is HEALICOLL?*

Answer: *Unlike some other dressings considered cytotoxic, HEALICOLL has been shown to be extremely bioactive, biocompatible and non-cytotoxic in vivo and in vitro.*

DESCRIPTION OF THE PATENTED TECHNOLOGY ON COLLAGEN:

Question: *Can HEALICOLL Wound Dressings be placed on neonate wounds and incisions?*

Answer: *Yes the HEALICOLL wound dressings are biocompatible and hypoallergenic and can be safely applied to neonate wounds and incisions.*

Question: *Can HEALICOLL Wound Care products be applied to wounds that are undergoing treatment with hyperbaric oxygen?*

Answer: *Oxygen enhances the wound healing activity of collagen.*

Question: *Does it matter which surface of the HEALICOLL Wound Dressings is placed against the wound surface?*

Answer: *It does not matter which surface of the HEALICOLL Wound Dressings is placed against the wound surface.*