Helicoll Nano Technology for the success in Diabetic Ulcer Treatments



Advanced Tissue Regenerative Membrane for Skin Burns, Wounds and Ulcers

Helicoll

Encoll Corp.Manufacturing/Technology

USAGE OF HELICOLL FOR DIABETIC FOOT ULCERS

Helicoll's NANOTECHNOLOGY could help heal DFU faster!

Etiology of Diabetic Ulcers:

- * High levels of blood glucose leads to slow healing of DFU
- * High levels of blood glucose makes collagen Glycosylated
- * Glycosylation is the covalent addition of the excess blood glucose to collagen

Impact of Glycosylation:

- * Glycosylation prevents the normal collagen maturation of healing wounds
- * Glycosylation inhibits lysyl oxidase that matures collagen to heal the wound (Fig. 1)
- * This is the reason why the diabetic patient's foot ulcer doesn't heal easily.

Helicoll's NANOTECHNOLOGY could help heal DFU faster! How an innovative, patented, HELICOLL collagen helps (see Fig. 1)

- * Helicoll, as an uncross-linked biocompatible collagen, when tightly applied over the wound, it would absorb glucose.
- * Such glucose pulling of Helicoll collagen would reduce the glycosylation of the collagen produced in the wound-bed.
- * When the collagen in the wound-bed is relieved from glycosylation, it normally matures and lets the Diabetic wound heal faster.
- * This provides a scientific explanation for the successful use of HELICOLL to effectively treat the non-healing DIABETIC FOOT ULCERS.

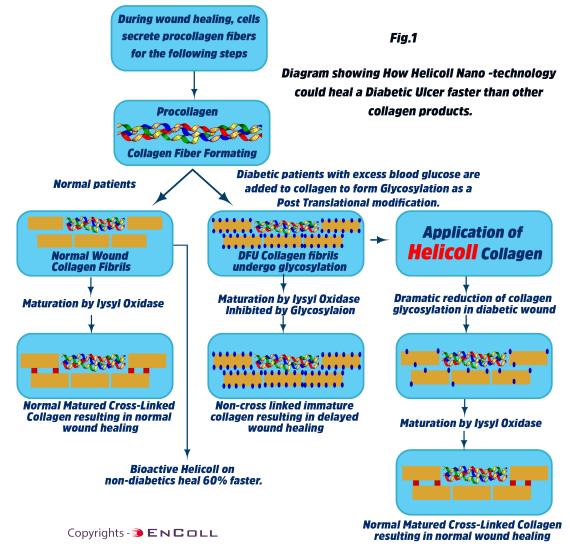
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Helicoll's efficacy: brings new blood capillaries within 4 to 5 days!

Manufacturing/Technology:



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