



## Recalcitrant Diabetic Ulcer

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NEOX®CORD 1K ••••• 1 Application ••••• Healed in 16 weeks

### CLINICAL HISTORY

A 55-year-old male with type 2 diabetes mellitus, diabetic neuropathy, and peripheral vascular disease presented to wound care center with traumatically induced heel ulcer of greater than 5 years duration, recalcitrant to local wound debridement, VAC therapy, synthetic skin grafting, advanced wound therapy, and HBO. This ulcer measured 4.5 x 8.0 x 0.1 cm after incision and debridement with a primarily granular base.

### TECHNOLOGY OVERVIEW

NEOX®CORD 1K Wound Matrix is cryopreserved human Amniotic Membrane and Umbilical Cord (hAMUC). Amnioc Medical's proprietary CRYOTEK® preservation process retains the natural structural and biological characteristics of the hAMUC tissue while devitalizing the living cells. NEOX®CORD 1K Wound Matrix is used as a wound covering for dermal ulcers or defects.

### PROCEDURE

Patient brought to operating room for sharp debridement to subcutaneous tissue and superficial fascia, calcaneal osteotomy and NEOX®CORD 1K application. NEOX®CORD 1K secured around the periphery with 4-0 nylon suture. After securing the matrix, the scalpel was used to fenestrate the tissue. A non-adherent contact layer was applied and secured with adhesive strips followed by dry sterile compression bandage.

### OUTCOME

Patient achieved full epithelialization in 16 weeks despite uncontrolled blood sugar and irregular follow up (due to patient noncompliance) in the wound care center post-operatively.

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