

# *Chronic Diabetic Heel Wound*

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## Patient Pre-Surgical History

A 73 y/o Neuropathic non-insulin dependent diabetic with a history of a chronic heel wound for better than 1 year. The patient has a history of peripheral arterial disease which has not been tested due to the patient declining Doppler and ankle-brachial indices. The patient is a farmer who is constantly on his feet and has been wearing a surgical shoe upon presentation to the office. The patient has failed almost one year of wound care therapy including Neosporin, Silvercel, offloading and routine debridement.



## Surgical Technique/Procedure

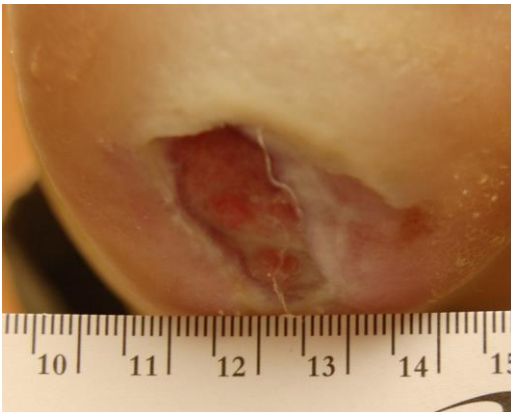
Using debridement and curettage, the wound bed was prepared to a bleeding base clear of any debris, necrotic tissue or fibrin. This was performed with both a curette and #15 blade using a sterile technique. The Affinity graft was then placed on the wound bed with the stromal side down to the bleeding base. The graft was adhered to the wound with Steri-Strips. Any remaining overhanging graft over epithelial layer was trimmed and discarded. An Adaptic dressing was then applied with a moistened saline gauze in a bolster type fashion to allow adherence to wound bed and minimize any type of shearing forces from ambulation. A dry sterile dressing was applied over top with Kerlix and Coban. The patient was placed in a surgical shoe with offloading and reported back weekly for repeat application. The patient underwent 7 grafting procedures.

## Post-Surgical History

The patient tolerated all grafting sessions without difficulty. There were no reported infections or adverse reactions to the application of the amniotic tissue, and there was no pain associated with the grafting procedure.

## Patient Reported Outcomes

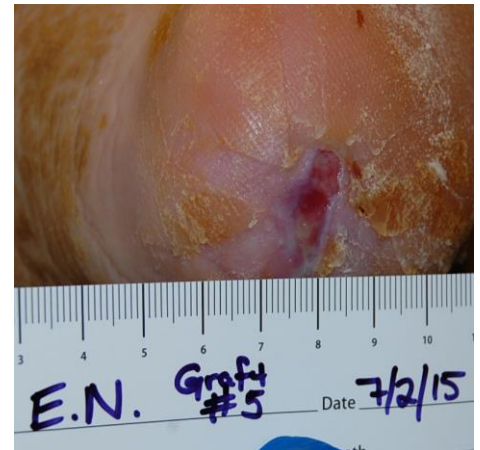
The patient had significant improvement in wound size over a period of 6 weeks. He continued to be just as active in a surgical shoe. He was stagnant for approximately 9 months prior to application of the grafting. The patient has progressed to virtual 100% healed to date. His wound progressed at a steady rate with each application of Affinity, and there were no complications with the application. I expect the patient to progress to a diabetic molded shoe within in the next few weeks. The wound started at 2.5 x 1.4 x 0.3 cm and progressed to 0.3 x 0.3 x 0.1 cm in a period of 6 weeks after the application of 7 Affinity grafts. On August 13<sup>th</sup>, the patient was seen and was completely healed.



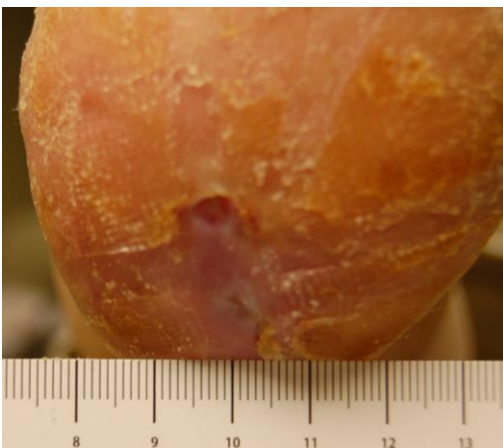
June 4, 2015 Initial Encounter



June 18, 2015-After Graft #2



July 2, 2015-After Graft #4



August 13, 2015-Clinically Healed

