

NPWT

CASE STUDY

DIABETIC TRAUMA WOUND POST SURGERY.

NPWT applied 5 weeks.

Pump removed wound stalled as often see when **NPWT** removed **Nanogen** membrane applied 2 week = 2 pieces

History

Patient Diabetic male middle aged. Traumatic injury to leg, knocked leg while travelling.

Wound breakdown un-healing static figure 1.

Plan

Use **NPWT** to stimulate new granulation tissue.

Hybrid dressing used changed twice weekly.

First week filler used below hybrid dressing, (**Green foam**).

Treatment

5 weeks - **NPWT** applied. When full granulation achieved pump removed.

Wound bed red healthy but no signs epithelial cells spreading from wound edges however the area had decreased vastly in size.

To encourage epithelium a **Nanogen** membrane was applied below a simple non adherent dressing and changed weekly for two weeks figure 3 shows healthy wound closure.

It was noted the scar tissue appears healthy with no dry areas as previously noted with **Nanogen** membrane outcomes.

A chronic wound was healed within a six week time period!

