

Dermacell® Porous: Diabetic Leg Ulcer

Case performed by: Kenny Luong, DPM, FACFAS

CASE STUDY

Patient & Diagnosis:

- 82-year-old male with a medical history of diabetes controlled with oral agents
- Presented with non-healing diabetic leg wound of 30-day duration

Previous Treatment:

- Prior treatment with debridement alone was ineffective in treating the index ulcers

Wound Treatment:

- One Dermacell Porous application after debridement
- Wound dressing using oil-emulsion and alginate-based non-adherent dressings
- Weekly debridement and dressing change until wound closure

Outcome:

- Complete wound closure achieved within two weeks of initiating the treatment regimen



Baseline wound pre-debridement



Baseline post-debridement



Application 1:
Baseline post-application



After 1 week of graft application
(63% wound size reduction)



Closure: Two weeks