

Dermacell[®] Porous: Pressure Injury

Case performed by: Kenny Luong, DPM, FACFAS

CASE STUDY

Patient & Diagnosis:

- 89-year-old female with no significant medical history of diabetes or malignancy, presented with a 3-year chronic, non-healing wound on the right anterolateral ankle
- The wound was characterized as a wet pressure injury with bone exposure resulting from advanced tissue breakdown caused by direct pressure from an underlying bone due to ankle deformity

Previous Treatment:

- Prior treatment with debridement alone was ineffective

Wound Treatment:

- One Dermacell Porous application following debridement
- Wound dressing using oil-emulsion and alginate-based non-adherent dressings
- Debridement and dressing change at week 1, week 3 and week 6 visits

Outcome:

- Complete wound closure achieved within 8 weeks



Baseline wound pre-debridement
(wound surface area: 2.16 cm²)



Baseline post-debridement



Baseline Dermacell Porous application



Week 1 post-application
(6% wound size reduction)



Week 3 post-application
(17% total wound size reduction)



Week 6 post-application
(56% total wound size reduction)



Closure:
At Week 8 post-application