An Unusual Presentation of Pyoderma Gangrenosum Treated with a New Absorbable Wound Matrix



Michael S. Miller DO, FACOS, FAPWH, WCC David Hardin MD, CWS

Miller Care Group Indianapolis, IN

Pyoderma gangrenosum (PG) is an uncommon, ulcerative cutaneous condition of uncertain etiology. PG is associated with systemic autoimmune diseases in at least 50% of patients who are affected. The diagnosis is one of exclusion, ruling out other causes with definitive tissue biopsy. Despite treatment, new ulcerations or significant exacerbations may occur after additional trauma or injury to the skin in 30% of patients diagnosed with PG.

This 56-year-old NIDDM male underwent left below knee amputation for complications of diabetes. The resulting BK stump initially healed but his prosthesis created an exquisitely painful, open wound at the distal stump. Initial dressing changes provided early improvement in healing which was short lived and he experienced not just significant increase in the wound parameters with gangrenous changes but significant pain at the site. Punch biopsies were consistent with Pyoderma Gangrenosum though he had no predisposing co-morbidities nor prior history.

To promote healing, a new and unique, non-biologic, fully absorbable, electrospun skin substitute, **Phoenix Wound Matrix®**, was used to provide the scaffolding needed to promote and expedite wound healing. In addition, this scaffold was used as the carrier medium for an immune modulating ointment PROTOPIC. The product was changed once a week with remarkable healing noted.

DATE: 7/2/18
DEPTH: 6.8 x 5.4 x 1.3 cm
VOLUME: 47.74 cm²

CM 1 2 3 4 5 6 7 8 9 10 11 12

Patient Name_







