Case report: Necrotizing fasciitis closed with VAC and DermaClose
Satheesh K. Ramineni, M.D., University of Toledo.

Case Report #40

Prior to application of DermaClose: A 40-year-old male was treated with DermaClose for a 40 cm x 12 cm wound caused by necrotizing fasciitis. He was initially treated with surgical debridement and negative pressure wound therapy (NPWT, or VAC) to help stabilize the wound and prepare it for closure.

DermaClose application: 2 weeks later VAC was removed and 4 DermaClose devices were applied to close the large wound, which measured 12 cm x 3.5 cm immediately after application of DermaClose.

Removal of DermaClose: After 5 days we were able to close the wound primarily. DermaClose re-approximated the wound edges successfully, leaving a small gap at the center measuring 3 cm x 1 cm.

Follow-up: 2 months after removal of DermaClose, the wound has healed very well. I would not hesitate to use and recommend DermaClose for similar appropriate procedures.