

Case Study 1: Trauma of the Ankle

Patient was a 69-year-old female, with a history of arterial hypertension, who presented with an open fracture of the left lateral malleolus. An initial large surgical debridement was performed, followed by V.A.C. VeraFlo™ Therapy for 9 days. V.A.C. VeraFlo™ Therapy was initiated using a V.A.C. VeraFlo™ Dressing. Saline (0.9% NaCl) was instilled until the foam was filled, followed by a soak time of 10 minutes. Instillation was repeated every 6 hours, followed by continuous negative pressure at -125 mmHg. Dressing changes occurred on Days 3 and 6, with final removal on Day 9. A thin hydrocolloid dressing was applied around the wound edges for extra skin protection. After 9 days of therapy, there was rapid development of homogeneous granulation tissue and a clean appearance of the wound. A split-thickness skin graft (STSG) was applied on Day 10, and by Day 18, wound was completely closed.



A. Day 0: Presentation of an open fracture of the lateral malleolus of the left ankle



B. Day 0: Application of V.A.C. VeraFlo™ Therapy



C. Day 3: Wound after first dressing change



D. Day 3: A thin hydrocolloid dressing applied around the wound edges for extra skin protection



E. Day 9: Rapid development of homogeneous granulation tissue with a clean appearance of the wound



F. Day 10: Application of STSG



G. Day 18: Complete wound closure