

## Case study: Partial toe amputation to resolve osteomyelitis and recurrent ulceration

### SELF-ADAPTIVE WOUND DRESSING CLINICAL RESULTS

#### Patient:

65-year-old diabetic female undergoes partial 2nd toe amputation following recurrent ulceration, multiple infections, long-term wound care, and osteomyelitis diagnosis. Patient is on anticoagulant therapy and has medical history of hypertension, coronary artery disease w/ pacemaker, and partial great toe amputation.

#### A. At presentation.

Chronically infected and inflamed left 2nd toe with unresolved osteomyelitis.



#### B1. Day 0.

Post-amputation incision.



**B2. Day 0.**

Self-adaptive dressing applied over incision and secured with gauze wrap.



**C. Day 5.**

Incision line is clean with no inflammation or maceration. Self-adaptive dressing is re-applied.



**D. Day 11.**

Incision fully healed. At one month follow-up visit, incision remains closed.



**Reference:**

Madelin Ramil, DPM, FACFAS · Center for Foot & Ankle Surgery, Plantation, FL