

**Patient: 59-year-old male presented to emergency room with acute necrotizing gangrene with abscess of right dorsal foot with osteomyelitis**

**Past medical history:**

- Hypertension, uncontrolled diabetes.

**Previous treatment:**

- 2nd and 3rd ray resection with incision and drainage of abscess.
- Systemic antibiotic for 14 days.
- Post ray resection, began 1 week of negative pressure wound therapy (NPWT) followed by an amniotic stem cell graft for 2 weeks.
- At week 4, Endoform dermal template was applied one time for 1 week and discontinued due to copious amount of wound drainage.

**Wound Treatment:**

- At week 5, the use of Hydrofera Blue classic foam, 4x4 sterile gauze, secured in place with rolled gauze and elastic bandage. Dressings changed 3 times a week for one week. After one week, frequency was changed to daily due to copious amount of wound drainage.
- At week 20, the wound drainage decreased. Hydrofera Blue classic foam was discontinued. Wound treatment changed to hydrogel, Endoform dermal template, covered with Restore contact layer FLEX, 4x4 sterile gauze, secured with roll gauze and elastic bandage. Dressing changed once a week.



**Week 5:**

**Wound measurement:**

13.0 cm x 7.5 cm x 0.8 cm

**Wound Description:**

Red granulating tissue with tendon visible



**Week 9:**

**Wound measurement:**

8.5 cm x 2.0 cm x 0.3 cm

**Wound Description:**

Granulating tissues with epithelial cells migrating on the wound edges



**Week 17:**

**Wound measurement:**

6.3 cm x 0.8 cm x 0.3 cm



**Week 19:**

**Wound measurement:**

6.0 cm x 0.5 cm x 0.3 cm



**Week 21:**

Wound healed



**Initial wound measurement post surgery:**

14.0 cm x 5.0 cm x 0.8 cm

**Wound Description:**

Clean red tissues with heavy serosanguinous drainage with tendon exposed



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**Rx** Caution: Federal (USA) law restricts this device for sale or on the order of a physician or licensed healthcare professional. Refer to Instruction for Use for contraindications, warnings, precautions and possible complications.

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