

# Case Study: Traumatic Ankle Injury

OASIS<sup>®</sup>  
EXTRACELLULAR MATRIX



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# Case: Traumatic Ankle Injury

Contributed by Dr. Kazu Suzuki, DPM CWS, Los Angeles, California,  
United States

<b>Patient</b>	70-year-old female hit by a bus, sustaining a large, traumatic, open ankle wound
<b>Presentation</b>	Presented with large amount of necrotic skin with underlying hematoma and large soft tissue defect
<b>Treatment History</b>	Admitted to hospital for one week and then transferred to wound care center. Non-displaced fracture was treated with a CAM <sup>®</sup> Walker.  CAM Walker is a registered trademark of Alimed Inc.

Note: Individual results will vary.

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## Initial Visit



### Treatment:

**Initial visit to wound care center:** Ankle wound blocked with lidocaine injection. Sharp debridement performed to excise necrotic skin and evacuate hematoma. Wound further debrided and irrigated with Qoustic Wound Therapy System™ ultrasound debridement machine. Wound covered with Mepilex® Ag Foam Dressing and wrapped in Profore® Multi-Layer Compression Wrap.

**One week after initial visit:** Wound surgically debrided and irrigated with ultrasound. V.A.C.® Therapy initiated and continued for 4 weeks until the wound size and depth decreased with healthy red granulation tissue.

## Day 0



**Initial application of OASIS® Wound Matrix (Day 0):** Granulation tissue filled the wound base. V.A.C. Therapy was discontinued. OASIS was initiated and covered with Mepilex Ag Foam Dressing and Profore Multi-Layer Compression Wrap. OASIS was continued weekly for seven weeks.

Qoustic Wound Therapy System is a trademark of Arobella Medical, LLC.

Mepilex is a registered trademark of Mölnlycke Health Care AB.

Profore is a registered trademark of Smith & Nephew.

V.A.C. is a registered trademark of KCI.

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OASIS Wound Matrix is the product name in the U.S.

OASIS Extracellular Matrix is the product name outside the U.S.

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3 Weeks



## Treatment:

**3 weeks:** Weekly application of OASIS<sup>®</sup> Wound Matrix continued and covered with Mepilex<sup>®</sup> Ag Foam Dressing and Profore<sup>®</sup> Multi-Layer Compression Wrap.

**5 weeks:** Weekly application of OASIS continued and covered with Mepilex Ag Foam Dressing and Profore Multi-Layer Compression Wrap.

5 Weeks



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8 Weeks



## Treatment:

**8 weeks:** Wound almost closed. Switched to Mepilex<sup>®</sup> Border Foam Dressing to protect the wound. Patient instructed to wear compression hose for mild compression.

## Results:

Wound completely closed. Minimal scarring. Patient able to ambulate normally without pain. The combination of V.A.C.<sup>®</sup> Therapy and OASIS<sup>®</sup> Wound Matrix was effective in treating this large traumatic wound.

3 Months



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