

# STIMULAN<sup>®</sup>

## Case study

### Courtesy of Mr. Efstathios Drampalos

Foot and Ankle/Limb Reconstruction Orthopaedic Surgeon, Manchester, UK

#### Clinical particulars

51-year-old male diabetic and smoker 6 months after internal fixation of pilon fracture presented with persisting non-healing fracture, discharging sinuses and implant related osteomyelitis.

#### Treatment

The metalwork together with the infected/dead soft tissues were removed. At the same stage the infected pin sites were over-drilled and 10cc of **STIMULAN** Rapid Cure mixed with antibiotic was applied as a paste using a syringe to fill the resulting dead space (Overdrill and Fill Technique). A spanning external fixation was added to provide stability and skin cover was provided from a plastic surgeon with a local flap. Microbiology and histology data confirmed infection with Gram-negative *Klebsiella oxytoca*. At 3 months the external fixator was removed, a Sarmiento weight bearing plaster was applied for 2 months followed by a fracture boot for 3 more months.

#### Outcome

At 6 months imaging showed healing of the fracture and complete absorption of the **STIMULAN** paste. At 14 month follow-up the patient remains infection free, no re-fractures, walking with no pain.



Presentation AP view



Presentation lateral view



Intra-operative



CT scan - 6 weeks



6 months AP view



16 months AP view

For indications, contraindications, warnings and precautions see Instructions for Use. Concurrent use of locally administered antibiotics may affect setting time, absorption characteristics and/or bone formation. It is the surgeon/healthcare professional's responsibility to give due consideration to the details in the medicinal product marketing authorisation in deciding whether it is appropriate for the patient under his/her care. The relevant Summary of Product Characteristics (SmPC) must be consulted. The type and dose of medicinal substance should also be assessed according to the individual patient's clinical circumstance.

This brochure may include the use of STIMULAN or techniques that go beyond the current clearance/approval granted by the relevant regulatory authority. Please contact your local representative for further information.

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