

STIMULAN®

POWER TO TRANSFORM OUTCOMES

CASE STUDY

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Clinical particulars

35-year-old male involved in a road traffic accident suffered multiple injuries and subtrochanteric fracture of left femur. This was nailed, but, subsequently, he developed infection and drainage from both proximal and distal locking screw areas. He went to theatre multiple times and developed a wound approx. 15cm on the proximal lateral thigh, which was treated with VAC.

He presented a year later with discharging wound proximally and distally.

Treatment

The femoral nail was removed followed by reaming of the femoral canal and wash-out procedure. 40cc of **STIMULAN** beads mixed with 4 grams of vancomycin and 3.6 grams tobramycin were placed in the intramedullary canal. Cultures revealed infection to be *Staphylococcus aureus*.

Outcome

2.5 months' post-operatively x-rays showed almost complete absorption of the **STIMULAN** beads and at 7 months there was complete healing of the non-union.

At 1 year follow-up, the patient remains infection free, walking with no pain.



Pre-operative x-ray showing non-union



X-ray – 2 months



CT – 2 months



2.5 months



1 year

For indications, contraindications, warnings and precautions see Instructions for Use. The treating physician is responsible for deciding the type and quantity of antibiotic used. Concurrent use of locally administered antibiotics may affect setting time. The mixing of antibiotics with the STIMULAN Kit/ STIMULAN Rapid Cure device is considered off-label usage of the medicinal product. To do so is at the professional risk of the surgeon / healthcare professional. 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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