How Would You Treat an Obese Smoker with a History of 4 Prior Failed Surgeries?

A Case Report
courtesy of Kent Ellington, MD
OrthoCarolina Foot & Ankle Institute, Charlotte, NC

Surgery #1: ORIF of talar body, excision of lateral talar process and medial malleolar osteotomy.

Surgery #2: (8 Months Post-ORIF) TTC fusion with lateral plate, iliac crest aspirate and allograft with stem cells.

Surgery #3: Ankle arthrodesis with hardware removal, lateral closing wedge tibial osteotomy, and placement of a blade plate and autograft.

Surgery #4: Ankle arthrodesis with hardware removal, placement of antibiotic beads and circular wire external fixator.
Surgery #5: Revision ankle arthrodesis performed using the DynaNail® TTC Fusion System.
No supplemental graft materials nor biologics were used.

Immediate Post-Operative: The DynaNail’s Compressive Element is in its fully stretched position holding 6 mm of compression across joints.

1 Month Post-Surgery: Patient was placed in boot and allowed touch down weight-bearing.

3 Month Post-Surgery: CT scan revealed bone consolidation. The Compressive Element was still holding 4.2 mm of compression indicating the joint had experienced 1.8 mm of resorption.

1 Year Post-Surgery: X-Ray scan shows solid bony union across the ankle joint. The patient experienced no complications and was happy with the results using the DynaNail.

MedShape DynaNail. The STANDARD by Which All TTC Fusion Systems Should be ‘Measured’.

- Automatically adapts and responds to bone resorption or settling
- Maintains active compression throughout the healing process
- Immediate dynamization during weight-bearing

For further information or to arrange a product demonstration, please call Customer Service at 877-343-7016. You can also visit www.medshape.com.