



# DYNANAIL<sup>®</sup>

NAIL SYSTEM

HOW WOULD YOU TREAT AN OBESE SMOKER  
WITH A HISTORY OF 4 PRIOR FAILED SURGERIES?

*By Kent Ellington, MD*



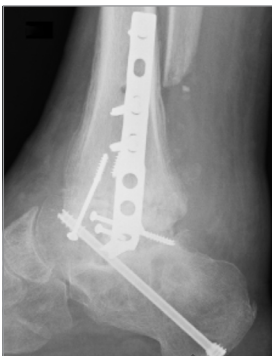
## SURGERY #1

ORIF of talar body, excision of lateral talar process and medial malleolar osteotomy.



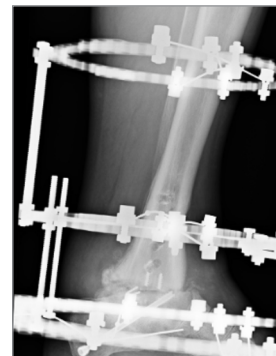
## SURGERY #2

(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.

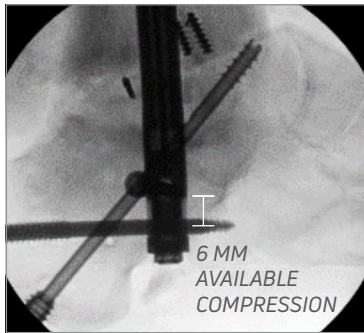


## SURGERY #4

Ankle arthrodesis with hardware removal, placement of antibiotic beads and circular wire external fixator.

## SURGERY #5

Revision ankle arthrodesis was performed using the DynaNail® TTC Fusion System. No supplemental graft materials nor biologics were used.



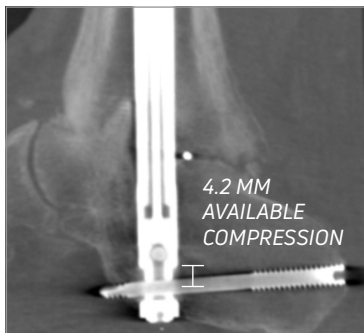
### IMMEDIATE POST-OPERATIVE

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 MONTHS 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.



**Kent Ellington, MD, FAAOS**, is a board-certified, fellowship-trained orthopedic surgeon who practices with OrthoCarolina in Charlotte, NC. He received his medical degree from Wake Forest University School of Medicine and then completed his internship and residency training at The Carolinas Medical Center, followed by his fellowship at Mercy Medical Center in Boston, MA. Dr. Kent has more than 20 years of research experience and 18 approved patents, including extensive research and design experience in orthopedic implants.

**enovis.**

T 800.495.2919 F 877.778.3864

Medshape, Inc.  
1575 Northside Drive NW | Suite 440 | Atlanta, GA 30318 | U.S.A.  
[enovis.com/foot-and-ankle](http://enovis.com/foot-and-ankle)

Copyright © 2022 by Medshape, Inc.  
MK-10147 Rev 02

Individual results may vary. Neither Medshape, Inc. nor any of the Enovis companies dispense medical advice. The contents of this document do not constitute medical, legal, or any other type of professional advice. Rather, please consult your healthcare professional for information on the courses of treatment, if any, which may be appropriate for you.