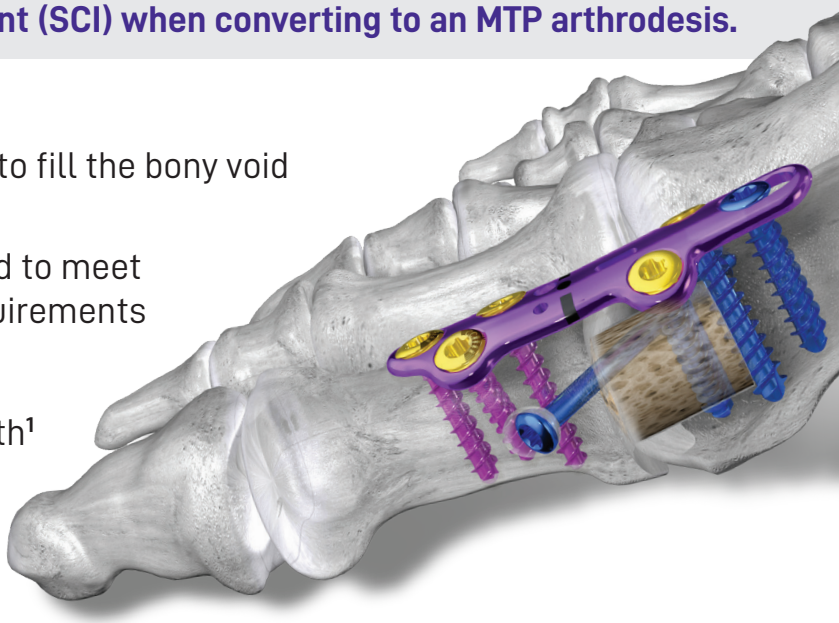
Exclusively foot & ankle Paragon 28®

AVITRAC™

AVITRAC™ MTP Revision System

The AVITRAC™ Graft was designed to provide structural rigidity to the 1st metatarsal head following removal of a failed synthetic cartilage implant (SCI) when converting to an MTP arthrodesis.



FEATURES AND BENEFITS

- Shape and size of the graft were optimized to fill the bony void left during an SCI revision
  - Density matched to the 1st metatarsal head to meet the strength demands and blood flow requirements
- Minimally manipulated allograft
  - No gamma irradiation — preserves strength[1]
  - No bleach or hydrogen peroxide — maintains the osteoinductive potential[2,3]
- Reamers included to provide reproducible preparation allowing for press fit of the graft

SYSTEM CONTENTS

AVITRAC™ Grafts

Ø9 mm

Ø11 mm

Ø13 mm

AVITRAC™ Reamer

Available in 3 Configurations: Ø9 mm, Ø11 mm, Ø13 mm

SUPPORTING INSTRUMENTATION

CUP AND CONE REAMERS

- Available in 4 diameters: Ø17 mm, Ø19 mm, Ø21 mm and Ø23 mm
- Designed to create a tight ball and socket fit at the joint ensuring bone on bone apposition in all three planes
- Patented cup and cone reamer sleeves minimize disruption of soft tissue during reaming

Cup and Cone Reamers with Spin Guard Sleeves

Spin Guard Reamer Sleeves

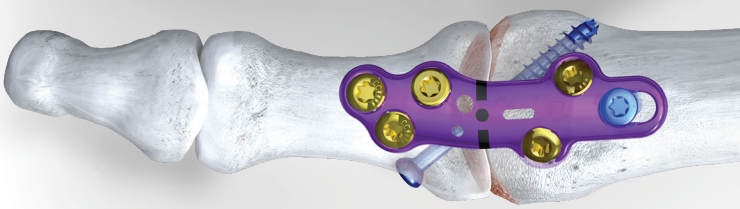
AVITRAC™

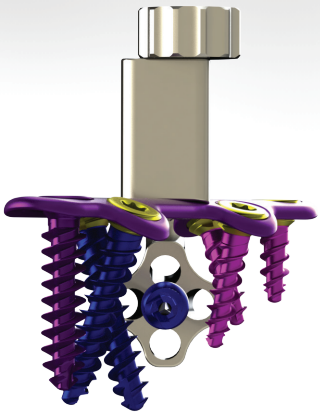
Comprehensive MTP Revision Options

Gorilla® MTP Plating System

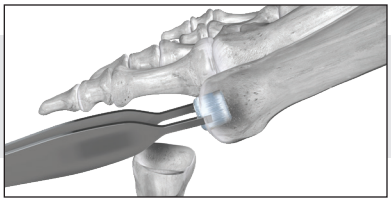
PRODUCT INFORMATION

- 32 plating options available in Short, Primary, Revision and Graft Spanning
- Available in 0°, 5° and 10° of dorsiflexion
- Plates are 1.3 mm – 1.6 mm thick and machine contoured Ti-6Al-4V ELI
- Tightened distal cluster of screws to best match the anatomy of the proximal phalanx
- Accommodates a PRECISION® Guide cross screw outside the plate to balance the construct and prevent plantar gapping

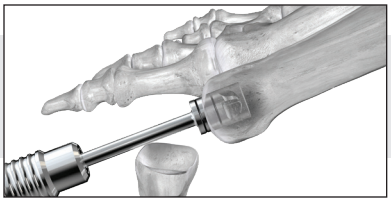




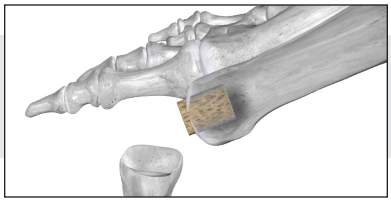
AVITRAC™ Surgical Overview



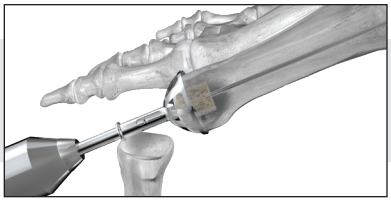
Remove Existing Implant



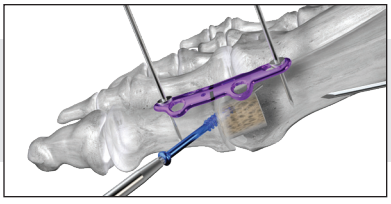
Ream



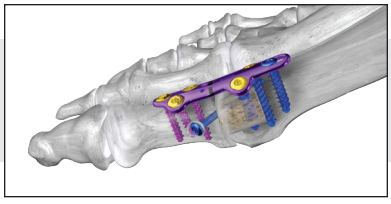
Insert AVITRAC™



Shape/Cartilage Removal



Provisional Fixation of Plate and Insertion of Crossing Screw



Final Plate and AVITRAC™ Construct

1. Mitchell EJ, Stawarz AM, Kayacan R, Rimnac CM. The effect of gamma radiation sterilization on the fatigue crack propagation resistance of human cortical bone. J Bone Joint Surg AM (2004); 86-A(12): 2648-57
2. Carpenter EM, Gendler E, Malinin TI, Temple HT. Effect of hydrogen peroxide on osteoinduction by demineralized bone. AM J Orthop (2006); 35(12): 562-7.
3. DePaula CA, Truncale KG, Gertzman AA, Sunwoo MH, Dunn MG. Effects of hydrogen peroxide cleaning procedures on bone graft osteoinductivity and mechanical properties. Cell Tissue Bank (2005); 6(4): 287-98.

AVIT-01 RevB

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