

## Patented Procedure Specific Shapes

- Designed to minimize soft tissue disruption
- Graft shaping not normally required
- Trial sizers assist surgeon in selecting graft size

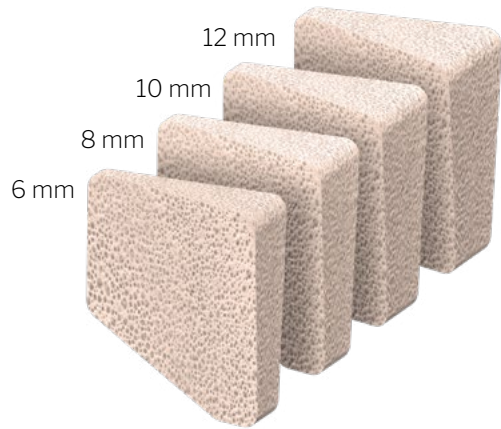
## Minimally Manipulated

- Processed without gamma irradiation in order to help avoid structural fatigue and crumbling of the graft<sup>1</sup>
- Hydrogen peroxide avoided during processing with the intent to help preserve osteoinductivity of the graft<sup>2,3</sup>

## Density Matched

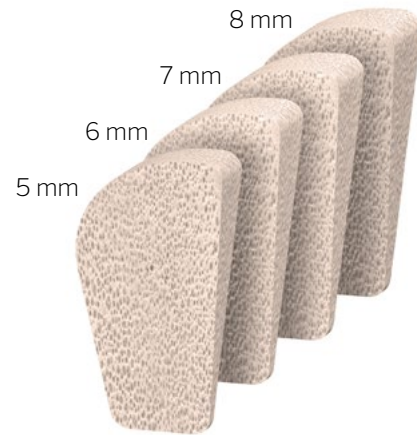
- Donor site density matched to indication for strength demands and blood flow requirements
- Balances bone incorporation and structural support

## Evans Lateral Column Lengthening Graft



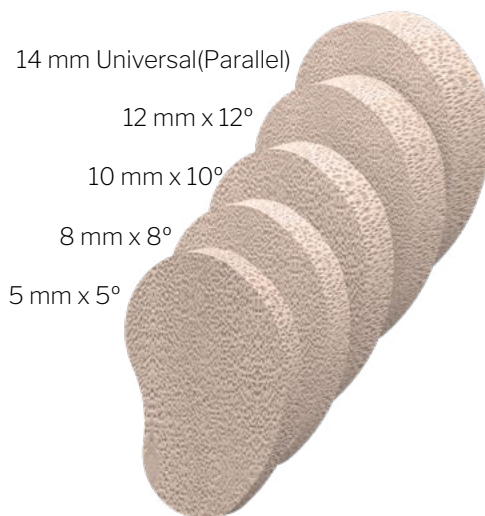
- Features dorsal to plantar taper to relieve strain on long plantar ligament
- Features lateral to medial taper to relieve strain on spring ligament and periosteum
- Designed to ease insertion and offload surrounding soft tissue structures
- Primary donor sites: patella, talus & femoral calcar

## Cotton Osteotomy Graft



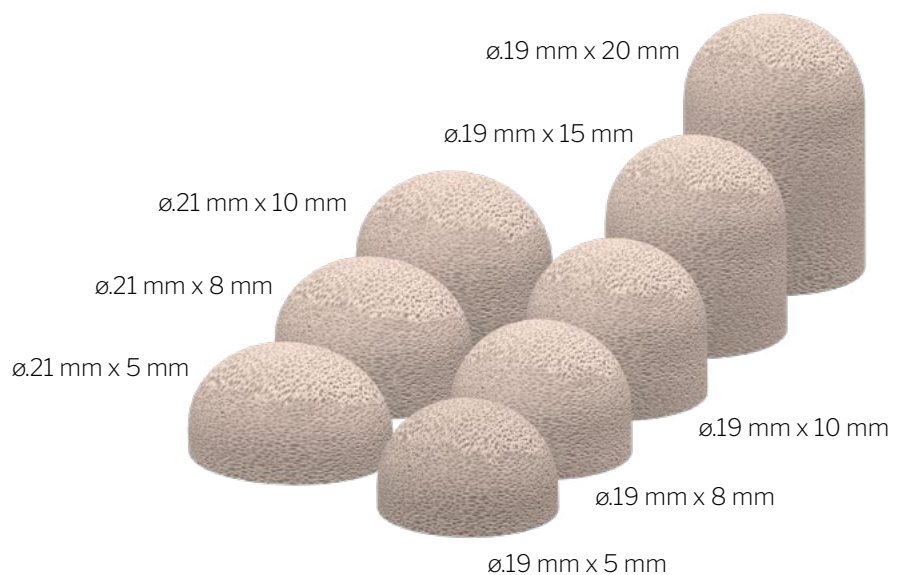
- Anatomic shape and length matched to the cuneiform
- Primary donor sites: patella, talus & femoral calcar

## Lapidus Angular Length Restoring Graft



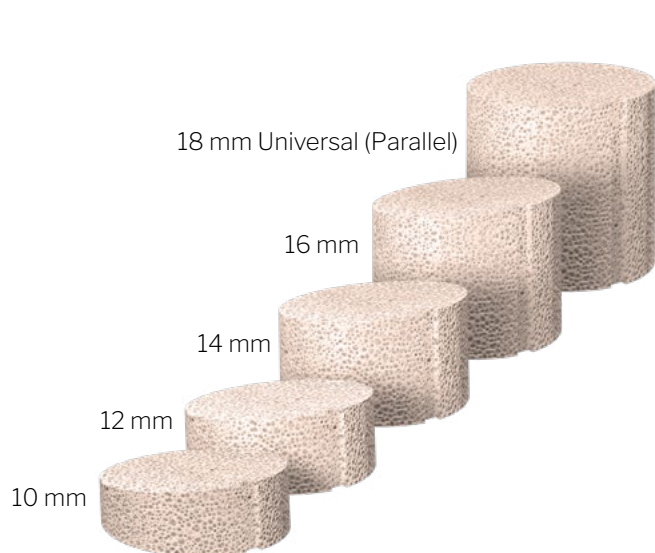
- Biplanar correction
- Plantarflexes and abducts the 1st metatarsal
- Anatomically shaped to the 1st TMTJ
- Primary donor site: distal femur

## MTP Length Restoring Graft



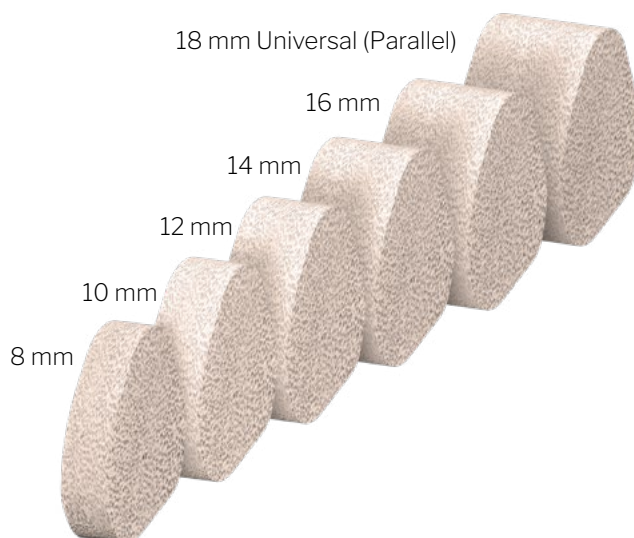
- Cup and cone design matches P28 reamers
- Available in 2 diameters with several length options
- Primary donor site: distal femur

## Subtalar Joint Distraction Arthrodesis Graft



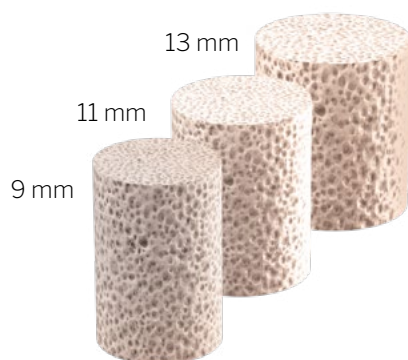
- Restores height to the subtalar joint
- Designed to allow for correction of calcaneal varus or valgus
- Trial sizer allows ability to “dial-in” correction
- Primary donor sites: distal femur, talus, patella & femoral calcar

## Calc-Cuboid Arthrodesis Lengthening Graft



- Anatomically shaped to the calcaneocuboid joint
- Primary donor sites: distal femur, talus, calcaneus & femoral calcar

## AVITRAC™ MTP Revision Graft

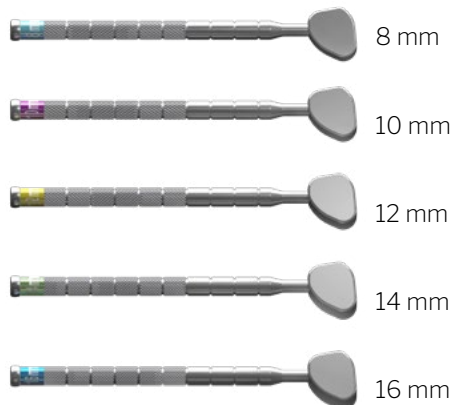


- Designed to provide structural rigidity to the 1st metatarsal head following removal of a failed synthetic cartilage implant (SCI)
- Shape and size of the graft were optimized to fill the bony void
- Reamers included to provide reproducible preparation allowing for press fit of the graft

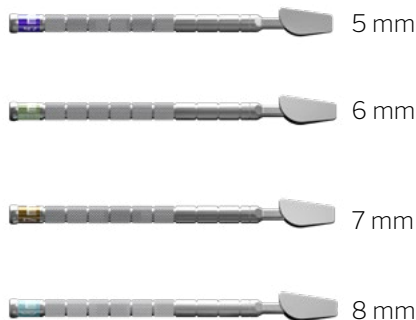
## Trial Sizers

- Trial sizers available with all grafts but AVITRAC
- Allows surgeon to determine ideal graft size by demonstrating correction

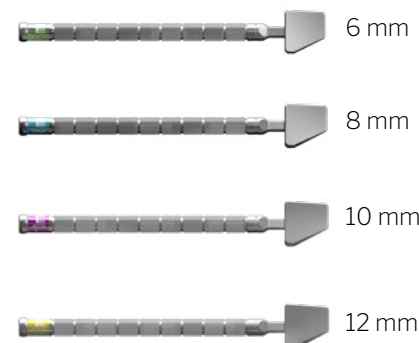
### Calc-Cuboid Trials



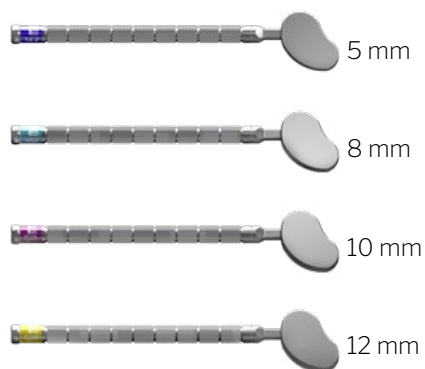
### Cotton Trials



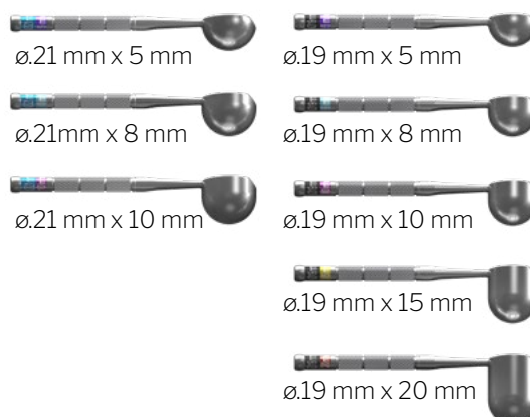
### Evans Trials



### Lapidus Trials



### MTP Trials



### STJDA Trials




## REFERENCES:

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 Dec); 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 Dec); 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\* [www.paragon28.com/index.php/patents](http://www.paragon28.com/index.php/patents)

Paragon 28 utilizes Community Tissue Services, University of Miami Tissue Bank & DCI Donor Services Tissue Bank for tissue procurement & processing. Caution: U.S. federal law restricts this device to sale by or on the order of a physician.



PSS-001 Rev H [2023-02-03]

Paragon 28, Inc.   
 14445 Grasslands Dr.  
 Englewood, CO 80112 USA  
 (855) 786-2828



Paragon 28 Medical Devices Trading Limited  
 First Floor Block 7 Beckett Way  
 Park West Business Park  
 Dublin 12  
 D12 X884  
 Ireland  
 +353 (0) 1588 0350

Exclusively foot & ankle **28**  
**Paragon®**  
**WWW.PARAGON28.COM**

™ Trademarks and ® Registered Marks of Paragon 28, Inc. © Copyright 2023 Paragon28, Inc. All rights reserved. Caution: U.S. federal law restricts this device to sale by or on the order of a physician.

For the contraindications, potential complications and adverse reactions, warnings and precautions associated with this device, please refer to the device specific instructions for use at <http://www.paragon28.com/ifus>