

Hallux Valgus Solutions Catalog



Specific Patients, Specific Solutions
You Can HAV It All!

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Severe Hallux Valgus

1st TMT Primary Fusion Solutions

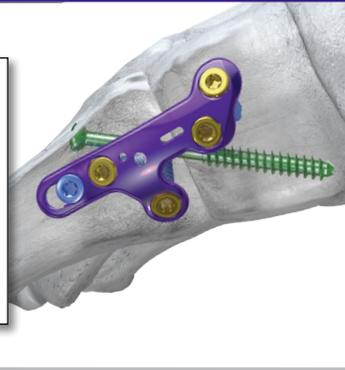
Small Bone Phantom[®] Intramedullary Nail

- Intramedullary — minimal hardware prominence
- Designed to generate uniform compression through center of joint
- Guided system for reproducible implantation



Gorilla[®] Lapidus Plating System

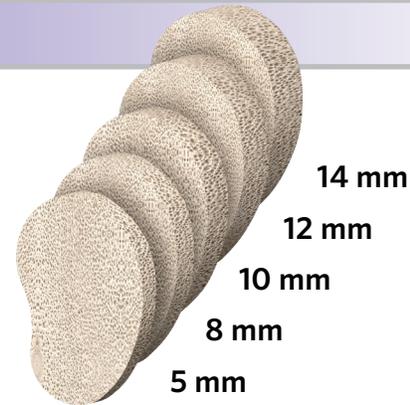
- Precision[®] Guide Lapidus helps prevent hardware collision while guiding cross screw orientation
- Patent-pending plantar arm designed to reduce plantar gapping
- Anatomic biconvex plate design
- Proximal soft tissue ramp helps reduce irritation to the tibialis anterior



1st TMT Revision Solutions

PRESERVE[™] Length Restoring Lapidus Graft

- Aseptically processed (no gamma irradiation or bleach), dense cancellous allograft
- Patented Kidney Bean shape designed for biplanar correction is density matched specifically for the 1st TMT joint



Revision Fixation

- Gorilla[®] Graft Spanning Lapidus plating options designed to span the length of a graft
- Phantom[®] Nails offered in lengths up to 60 mm to accommodate revision procedures

1st TMT Joint Preparation Solutions

Joint Preparation Made Simple

Lapidus Cut Guide System

A Cut Above the Rest

- Designed to minimize bone resection and reduce the risk of shortening
- Selection of varying degrees of Metatarsal-Cuneiform Guides allow for precise angular correction
- Flat cuts on the metatarsal allow for rotational correction through supination



Lapidus Cut Guide - 12°

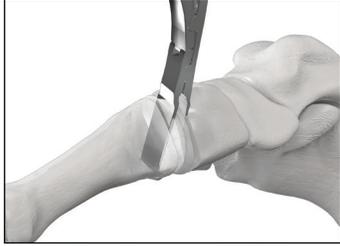


Severe Hallux Valgus

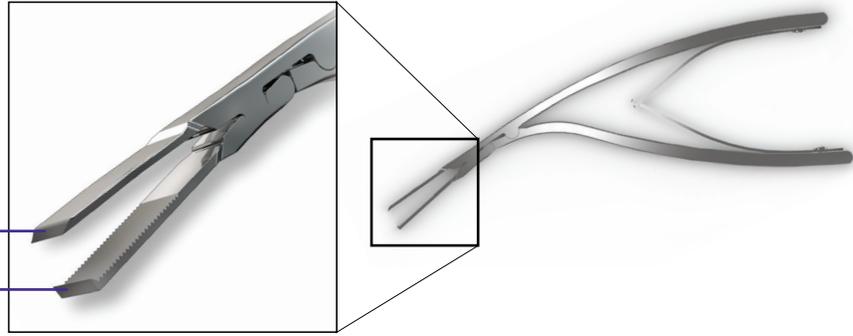
Additional Joint Preparation Instrumentation

Lapidus Nipper

- Allows for completion of osteotomy and extraction of bony fragments



Osteotome Jaw
Sharp toothed Jaw



Subchondral Drill

- 2.0 mm x 10 mm with stop to allow for controlled drilling/fenestration

Bone Fenestration Chisel

- Two sharp tips to “honeycomb” the surface of the joint to promote bleeding bone to help drive fusion



1st MTP Fusion

Gorilla[®] MTP Fusion System

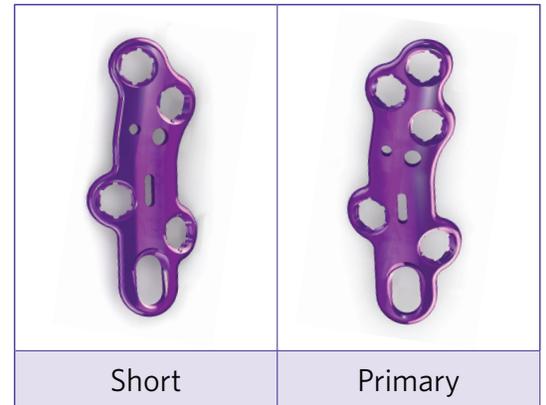
Quantity, Meet Quality

Primary MTP Fusion

- 18 Primary and Short Plating options
 - 0, 5 and 10 degree dorsiflexion options
- Precision[®] Guided Crossing Screw
 - Allows plate screws to remain on axis and guide crossing screw orientation
- Male and Female reamers included in set for tight ball and socket fit in order to properly align toe
 - Patented cup and cone Spin Guards help minimize soft tissue disruption

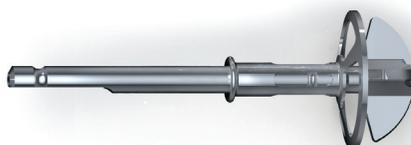


Precision[®] Guide MTP



Short

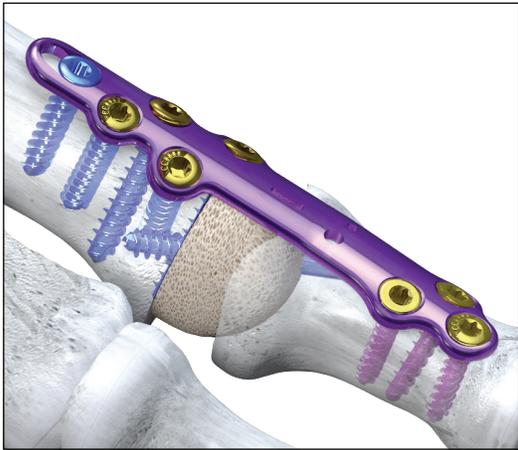
Primary



Male and Female Reamers with Spin Guards

Severe Hallux Valgus

MTP Revision Solutions



Revision and Graft Spanning Plating Options

- 14 additional Gorilla® MTP Plating Options
 - Revision
 - Additional screw holes proximal to the joint
 - Graft Spanning
 - Lengthened plate designed to accommodate graft



PRESERVE™ Length Restoring MTP Graft

- Aseptically Processed (no bleach, no gamma irradiation)
- Available in:
 - Ø19 mm x 5, 8, 10, 15, 20 mm
 - and Ø21 mm x 5, 8, 10 mm
- Patented conical shape that mirrors the patented cup and cone reamers included in set



MTP Trial Sizers

Mild to Moderate Hallux Valgus WITH Rotation

The PROMO™ Solution

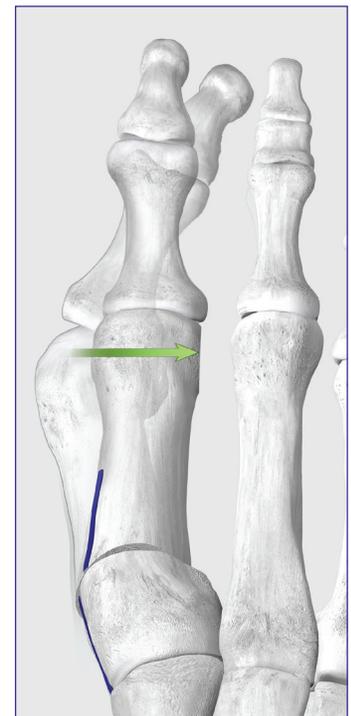
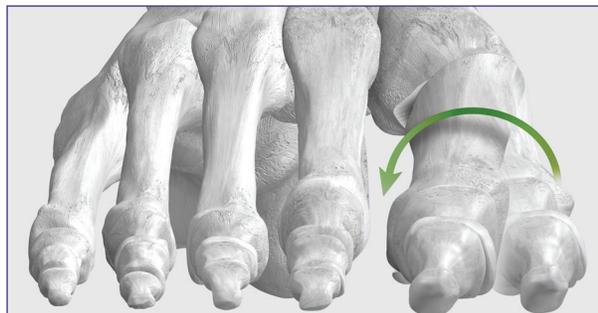
PROMO™ is the joint-sparing, multi-plane osteotomy solution for hallux valgus

FEATURES:

- Simultaneous correction of the IM angle and rotational deformity
- Single, oblique osteotomy with no wedge resection
- Guided jig system helps construct the osteotomy
- System allows for pre-operative planning



Precision® Guide PROMO™



Mild to Moderate Hallux Valgus WITH Rotation

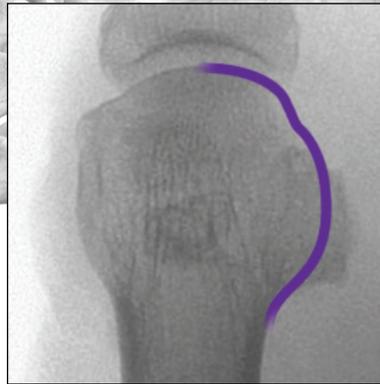
The PROMO™ Solution

- Up to 87% of hallux valgus deformities have a rotational deformity¹
- Uncorrected rotation has been identified as a significant risk factor in recurrence²

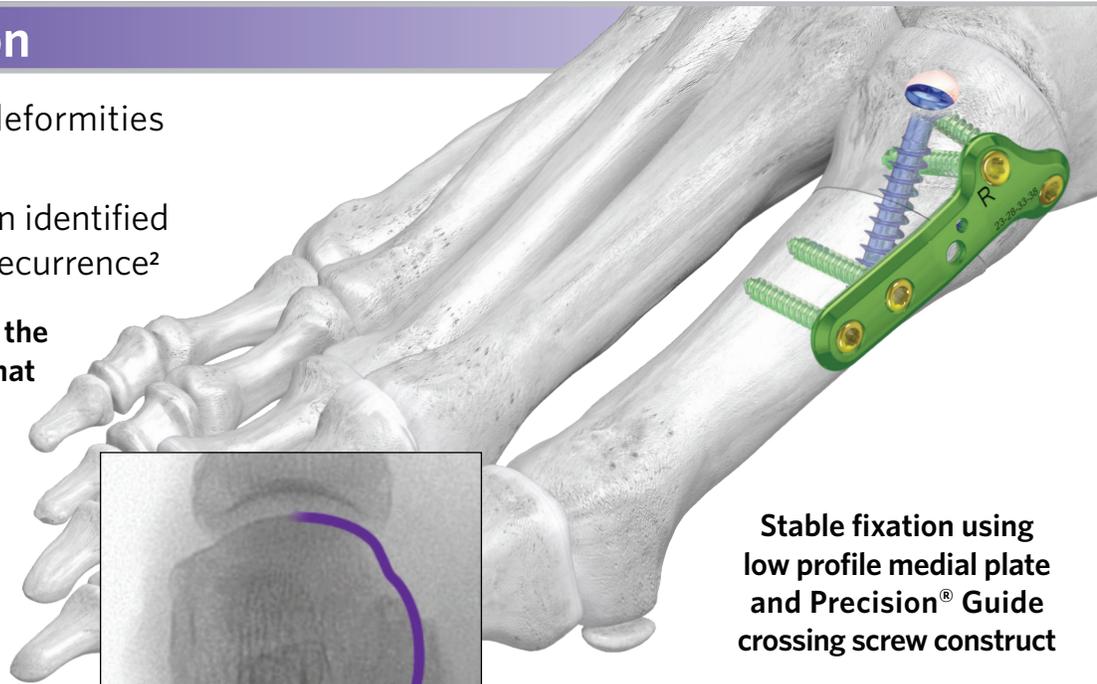
A “rounding” of the lateral side of the metatarsal head is an indicator that rotation is present^{2,3}



0°



20° - 29°

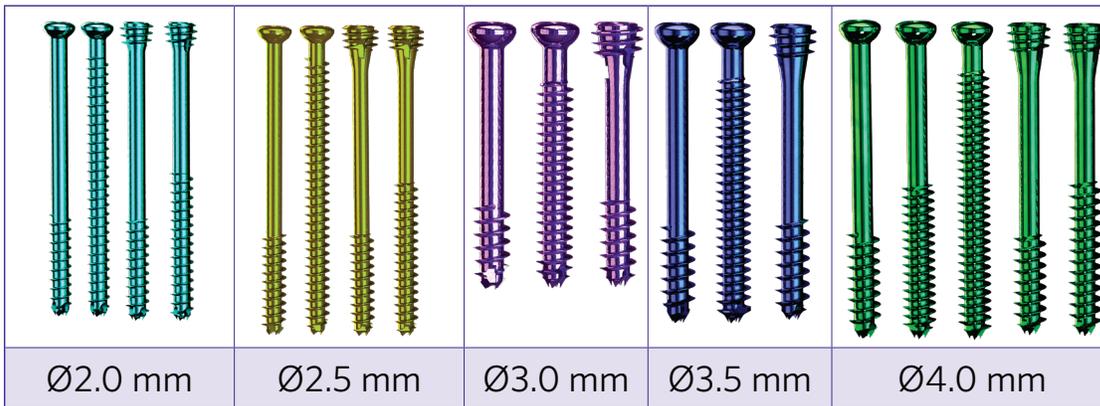


Stable fixation using low profile medial plate and Precision® Guide crossing screw construct

Additional Forefoot Solutions

General Hallux Valgus

Mini-Monster® Cannulated Screws



- Headed and Headless
- Multiple thread lengths

Gorilla® BOW & ARROW® Base Opening Wedge Plate

- Wedge options in 0 mm and 2 mm - 4.5 mm in 0.5 mm increments
- Proximal screw holes are parallel, allowing for a more proximal osteotomy



Additional Forefoot Solutions

Akin Osteotomy

JAWS™ Nitinol Staples



- Designed to sit flush upon insertion
- 8 mm and 10 mm
- Straight and angled (15°) options

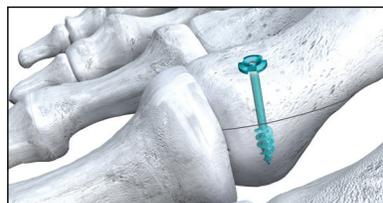
Baby Gorilla® Akin Plates



Metatarsal Shortening

Monster® BITE Screw System

- Ø2.0 mm and Ø2.7 mm diameter options
- Self-drilling, self-tapping



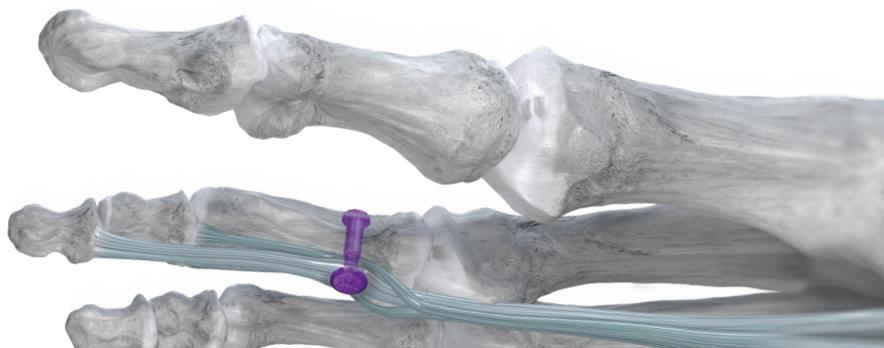
Baby Gorilla® Mini Plating System

- Ø2.0 mm and Ø2.5 mm diameter locking and non-locking screw options
- 80+ unique plate options



TenoTac™ Soft Tissue Fixation System

- A less invasive implant option to traditional methods to correct flexible and semi-rigid hammertoes, plantar plate insufficiency, MTP instability as well as other applications in the foot and ankle through a reproducible technique



Implant Features

Female Sleeve



Low profile head to help prevent soft tissue irritation



Male tack and female sleeve implants are cannulated to provide insertion via a cannulated technique

Male Tack



Single row of spikes allows for gripping of tendon



Holes allow for additional tendon hold

PATENTED, DESIGNED & EXCLUSIVELY DISTRIBUTED BY

Exclusively foot & ankle **Paragon²⁸**[®]



TENOTAC[™]
SOFT TISSUE FIXATION SYSTEM

GORILLA[®]
R3CON PLATING SYSTEM

JAWS[®]
NITINOL STAPLE SYSTEM

PHANTOM[®]
INTRAMEDULLARY NAIL

PRESERVE[™]
BONE WEDGE
SYSTEM

MINI-MONSTER[™]
SCREW SYSTEM

PROMO[®]
PROXIMAL ROTATIONAL METatarsal OSTEOTOMY

BABY GORILLA[®]
MINI PLATING SYSTEM

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P28HV-01 Rev B

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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>

1. Kim Y, et al. A new measure of tibial sesamoid position in hallux valgus in relation to the coronal rotation of the first metatarsal in CT scans. *Foot Ankle Int.* 2015;36(8): 944-52
2. Okuda R, et al. The shape of the lateral edge of the first metatarsal head as a risk factor for recurrence of hallux valgus. *JBS.* 2007; 89(10):2163-72
3. Yamaguchi S, et al. Shape of the lateral edge of the first metatarsal head changes depending on the rotation and inclination of the first metatarsal: a study using digitally reconstructed radiographs. *J Orthop Sci.* 2015;20(5):868-874

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