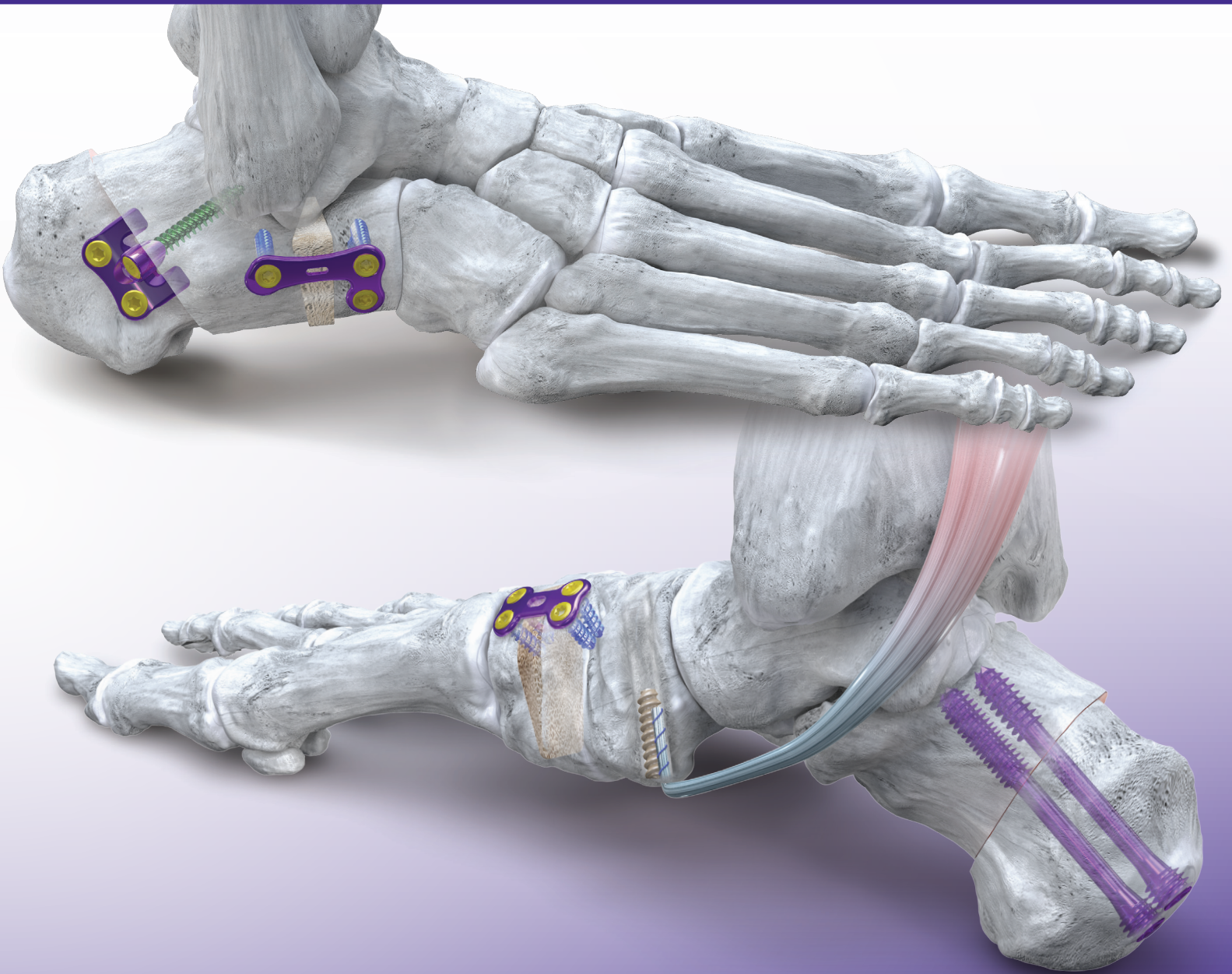


Exclusively foot & ankle **28**
Paragon[®]

Innovative, Comprehensive, Proven



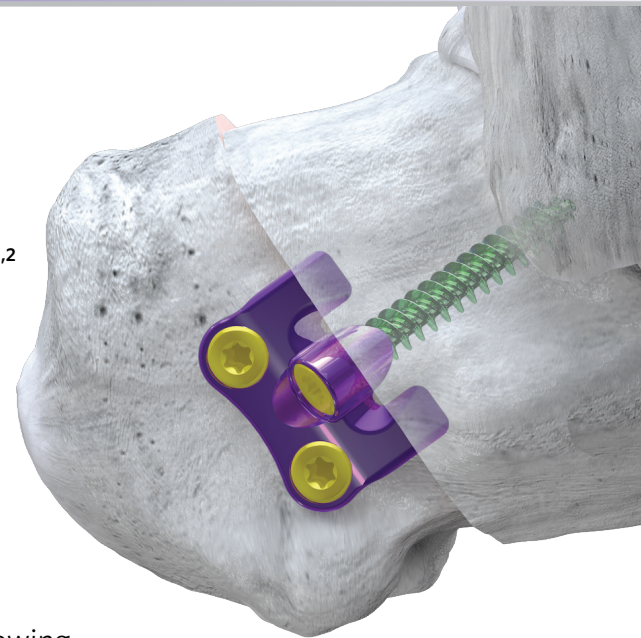
Paragon 28[®] — Flatfoot Solved
Comprehensive and Innovative Portfolio
of Solutions to Address Flatfoot



Gorilla® Calc Slide Plate

Medial Displacement Calcaneal Osteotomy

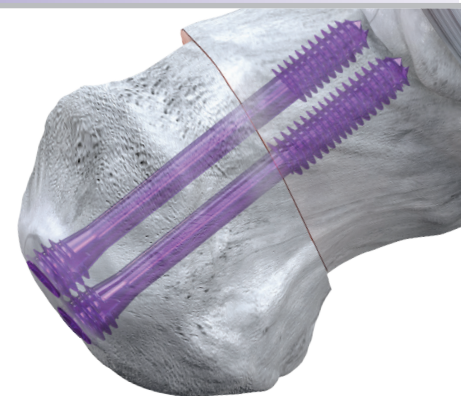
- Plate size and shape optimized to prevent additional dissection and soft tissue disruption during plate insertion
 - Plate is inserted through same incision as osteotomy
 - No violation of posterior heel pad with an incision or screw
 - May result in fewer hardware removal cases than screw fixation^{1,2}
- Interosseous plating provides a firm buttress to prevent displacement of the osteotomy and avoids the peroneal tendons
- Interosseous plates allow the surgeon to achieve patient specific correction — as opposed to traditional calc slide plates which are limited to the step off built within
- Five points of fixation (three screws and two fins) assist in stabilizing the construct
- Plate hood allows for compression of the posterior fragment with either a locking or non-locking screw and includes angulation allowing the surgeon to capture the sustentaculum tali
 - Hood height was minimized to 5 mm and is designed to limit soft tissue irritation in cases requiring minimal correction
 - Interosseous plating does not violate the growth plate of the calcaneus in pediatric patients
- Sharp arms ease insertion and provide rotational stability



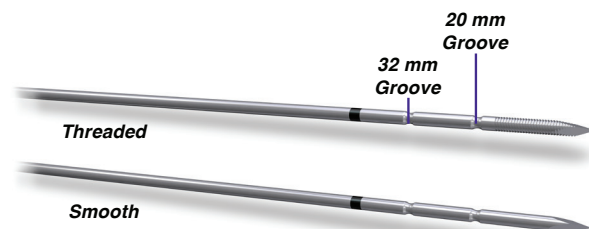
Gorilla® Calc Slide Plate

Monster® Hindfoot Screw System

- Designed specifically to meet the needs of the foot and ankle surgeon
 - 4.5, 5.5, and 7.0 mm diameters
 - 4.5 and 5.5 screws available in Short, Long, and Fully Threaded Options
 - 7.0 screws available in Short (16 mm), Medium (20 mm), Long (32 mm), and Fully Threaded Options
 - All screw families and instrumentation available within the Monster® Hindfoot Tray
 - Headed and Headless
 - For 7.0 mm screws
 - Available in 2 mm increments (36 - 50) to allow for optimal capture of subchondral bone in a calc slide procedure
- May be placed using the FLUOROBAND™ Guidewires
 - Patented technology helps select thread length based on location of FLUOROBAND™ with respect to the joint
 - First Groove: at 20 mm, directs medium thread length
 - Second Groove: at 32 mm, directs long thread length
- Four different washer types including patented Slotted Bowl Washer
 - Patented Slotted Bowl Washer designed specifically to allow surgeon to place washer around screw without having to fully remove screw, preventing loss of purchase and saving intraoperative time



Monster® 7.0 Headless Screws



FLUOROBAND™ Guide Wires



Flat Domed Bowl Slotted Bowl

Monster® Washers

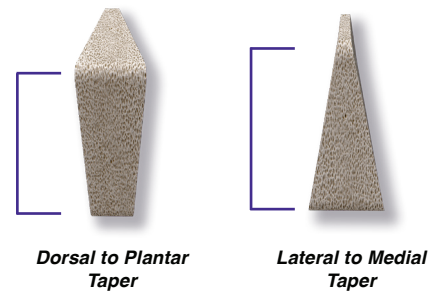
PRESERVE™ Wedges



- Aseptically processed allograft harvested from the patella, talus, or femoral calcar
 - No gamma irradiation — preserves graft strength³
 - No bleach — preserves graft osteoinductivity^{4,5}

PRESERVE™ Evans Wedge

- Patented procedure specific shape
 - Dorsal to plantar taper — designed to relieve strain on the lateral band of the long plantar ligament
 - Lateral to medial taper — designed to relieve strain on the periosteum and the spring ligament
- Available in 6, 8, 10, or 12 mm of built-in correction



PRESERVE™ Evans Wedge



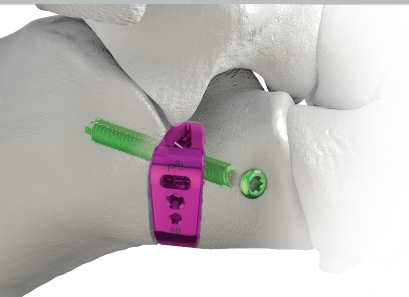
Anatomic shape designed to match the medial cuneiform

PRESERVE™ Cotton Wedge

PRESERVE™ Cotton Wedge

- Patented procedure specific shapes
 - Dorsal to plantar taper with a rounded medial edge to match the contour of the medial cuneiform
- Available in 5, 6, 7, or 8 mm of built-in correction

Titan 3-D™ Wedge



Evans Small



Evans Large

- Anatomically shaped medical grade titanium alloy (Ti-6Al-4V)
- Open geometry with three-dimensional scaffold allows for blood entry, bone through growth and the incorporation of biologic products, if used
- PRECISION™ Guided screw across the osteotomy increases the stability of the construct
 - 3.5 or 4.0 mm Mini-Monster® Screws are used in conjunction with either implant
- Tapered nose helps to aid in implant insertion
- Smooth back surface and corners designed to minimize soft tissue irritation
- Spikes on both sides of implant designed to help prevent expulsion from osteotomy site and provide a bridge for biologic through growth
- Product specific inserters attach to the back of the implant and are designed to facilitate accurate implant insertion and placement
- Resection Guides are available to aid in implant removal and minimize over-resection

Titan 3-D™ Evans Wedge

- Small and Large Sizes available to accommodate differences in height
- 6, 8, 10, or 12 mm of built-in correction
- Patented procedure specific shape

Titan 3-D™ Cotton Wedge

- 5, 6, 7, 8 mm of built-in correction
- Patented procedure specific shape

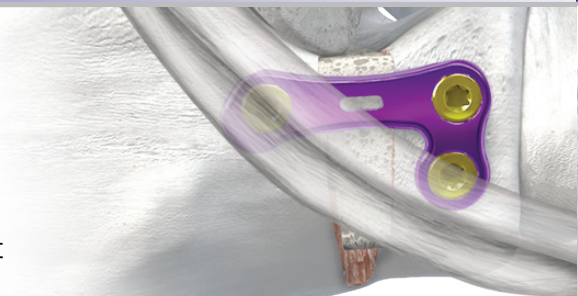


Titan 3-D™ Cotton



Gorilla® HEvans® Plate

- Designed specifically to be used in conjunction with patented shaped PRESERVE™ Evans Graft
- Low profile plate (1.1 mm) intended to minimize soft tissue irritation
 - Posterior ramp (0.5 mm) intended to minimize irritation to the peroneals
- Two points of fixation anteriorly designed to prevent subluxation of the graft
 - Intended to stabilize anterior calcaneal fragment and maintain correction during graft incorporation



Gorilla® HEvans® Plate with proximal ramped portion designed to limit irritation to the peroneals

Gorilla® BOW & ARROW® Plates

- Low profile plate (1.1 mm) with ramps intended to minimize soft tissue irritation
- Patented “ARROW” spacer hooks around proximal cortex designed to prevent expulsion of plate
 - “ARROW” spacer matches the patented geometry of the PRESERVE™ Evans Grafts
 - “ARROW” spacer is short, allowing the plates to be used in combination with the PRESERVE™ Evans grafts



Gorilla® BOW & ARROW® Evans Plate

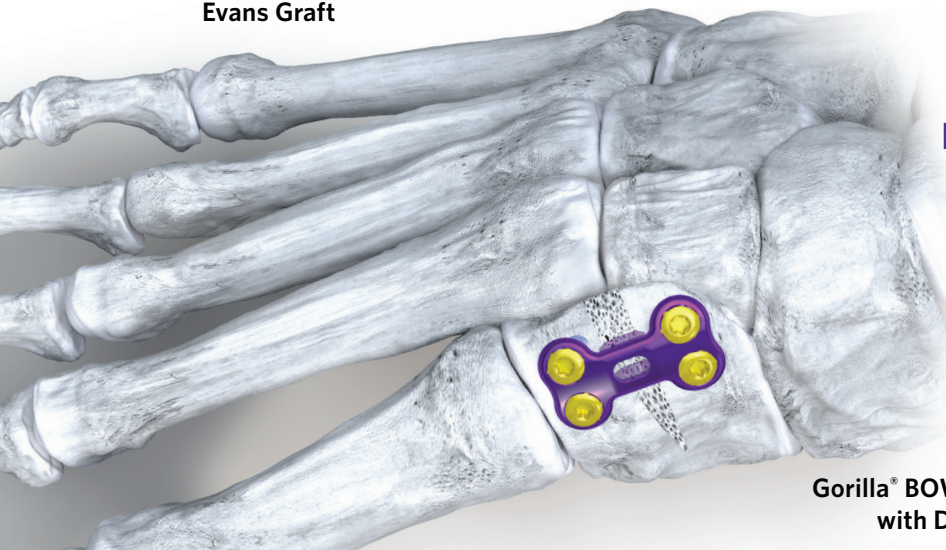
BOW & ARROW® Evans

- Tapered dorsal to plantar and lateral to medial bow designed to ease insertion and offload medial and plantar soft tissue structures
 - 6, 8, 10, or 12 mm of built in correction



Osteotomy spacer matches geometry of PRESERVE™ Evans Graft

Arrow on “BOW” hooks around proximal cortex and is designed to prevent dislocation

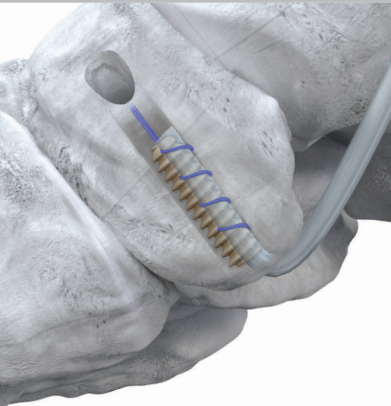


BOW & ARROW® Cotton

- Tapered plate back matches each available size of the patented PRESERVE™ Cotton wedge
 - 5, 6, 7, or 8 mm of built-in correction

Gorilla® BOW & ARROW® Cotton Plate used with Demineralized Bone Matrix

Grappler™ Interference Screw System

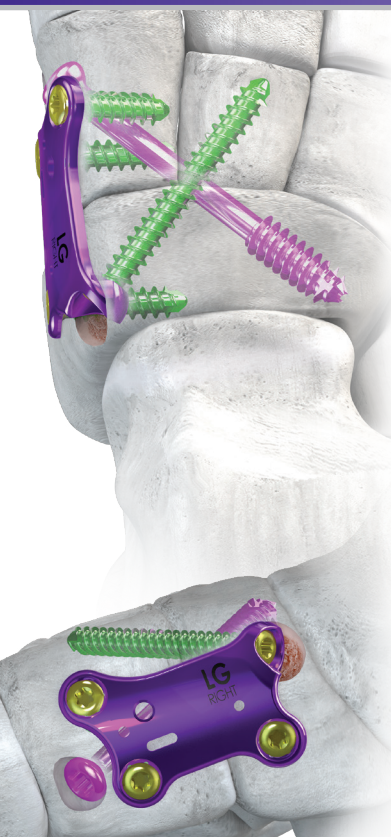


Grappler™ Interference Screw System (20 Unique Implants)							
Grappler™ Interference Screw Diameter							
Screw Length	Ø4.0 mm	Ø4.5 mm	Ø5.0 mm	Ø5.5 mm	Ø6.0 mm	Ø7.0 mm	Ø8.0 mm
10 mm	●	●	●				
15 mm	●	●	●	●	●		
20 mm	●	●	●	●	●	●	●
25 mm			●	●	●	●	●

- Novel Trilobe Driver Engagement
 - Extension through the cannulation of the implant designed to facilitate accurate implant insertion
 - Maximizes torque transfer between driver and implant reducing the likelihood of stripping
 - Driver is electropolished and designed to minimize stick following implant insertion
- One to one sizing
 - The tendon size, drill and implant diameters are one to one — no necessary calculations to be completed
- Instrumentation is offered to facilitate “Through and Through” as well as “Blind Tunnel” techniques
- Implant specific cannulated drills and tissue protectors
 - Designed for optimal fit and positioning of implant and tendon
- Drills offered in Ø0.5 mm increments to accommodate varying bone density and allow for a snug fit of implant and tendon

Hypermobile Flexible Flatfoot Solutions

Gorilla® NC Fusion — NC Fusion Plate

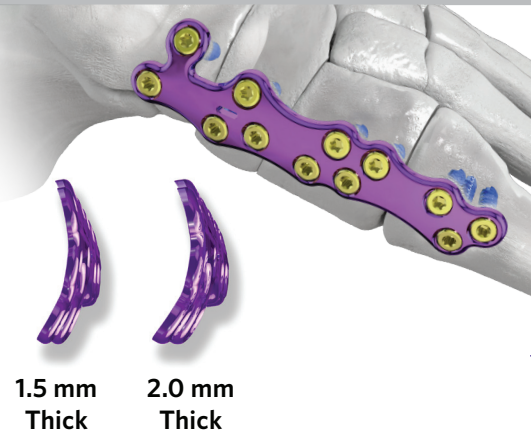


- Dedicated PRECISION™ Guided System designed to allow for reproducible fixation across the entire NC joint complex
 - Allows for a crossing screw that passes from the medial cuneiform to the lateral aspect of the navicular
 - Accommodates a 3.5 mm, 4.0 mm, 4.5 mm or 5.5 mm Mini-Monster® or Monster® crossing screw
 - Plantar positioning of this screw in the medial cuneiform is designed to minimize plantar gapping ensuring balance in the construct
- The proximal dorsal locking pocket hole allows for fixation of the navicular to the intermediate cuneiform
- The plantar locking screw in the navicular aids in minimizing plantar gapping
- The distal screws in the medial cuneiform have the ability to be placed across the entire cuneiform construct
- Anatomically Contoured Plate
 - Dorsal to plantar curvature to match medial column
 - Anterior to posterior curvature to mitigate adductory forces distally
- Low profile 1.5 mm plate designed to avoid soft tissue irritation
- Built in alignment templating designed to ensure best fit of plate to the anatomy

Hypermobile Flexible Flatfoot Solutions

Gorilla® Medial Column Plates

- Comprehensive offering of plates to span select portions of or the entire medial column
 - 36 total plates in five different families
- Two thicknesses (1.5 and 2.0 mm thick)
- Most plates contoured to match standard anatomy of the midfoot
 - Rescue plates available to address malformed anatomy or revision procedures



	Arch Plate	Distal Arch Plate	Extended Arch Plate	Rescue Plate	Proximal Arch Plate
Hole Configurations	10 Hole; 12 Hole	8 Hole; 10 Hole	15 Hole; 17 Hole	9 Hole; 11 Hole; 15 Hole	7 Hole; 9 Hole
Plate Thickness	1.5; 2.0 mm	2.0 mm	2.0 mm	1.5, 2.0 mm	1.5 mm
Total Plates	12	6	6	6	6

Rigid Flatfoot Solutions

Subtalar Joint Fusion

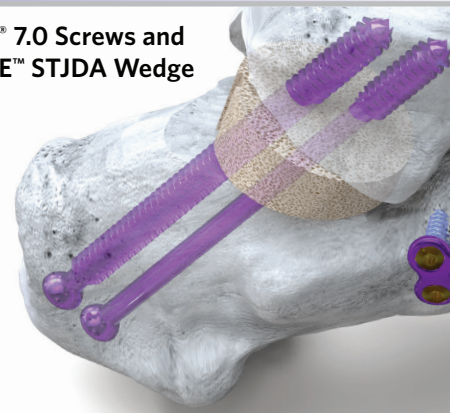
Monster® 7.0 Screws

- Short thread (16 mm), Medium thread (20 mm), Long thread (32 mm), and fully threaded lengths
- Available in 2 mm increments (70 mm- 90 mm) to allow for optimal capture of bone across entire length of the talus

PRESERVE™ STJDA Wedge

- Patented round graft restores height and allows for a varus or valgus correction
- Trialing system allows for interoperative assessment of correction of height as well as the position of the graft

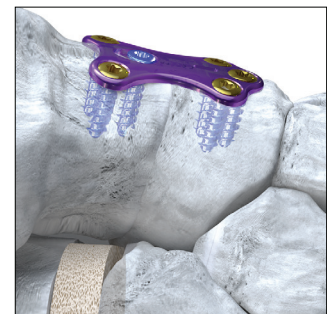
Monster® 7.0 Screws and PRESERVE™ STJDA Wedge



Talonavicular (TN) and Calcaneocuboid (CC) Fusion

Gorilla® Universal Plating System

- Teddy Bear Plate
 - Stable arrow shape designed specifically to address TN fusion
 - Small, Medium, and Large
- Trapezoid Plate
 - Leverages strength of the trapezoid shape and is curved to match the contouring of the lateral wall
 - May be used to address CC or TN fusions
 - Four size options



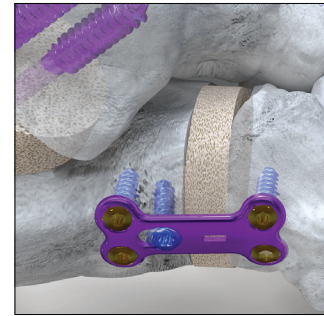
Talar Navicular (TN) and Calcaneal Cuboid (CC) Fusion

Gorilla® Universal Plating System

- Dogbone Plate
 - Compression and locking options
 - Versatile applications throughout the midfoot and hindfoot
 - Eight size options



Gorilla® Universal Slanted Dogbone Plate



Gorilla® Universal Dogbone Plate and PRESERVE™ Calc-Cuboid Wedge

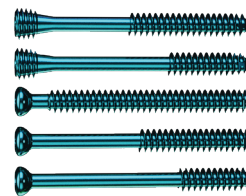


JAWS™ Midfoot and Hindfoot Staple System

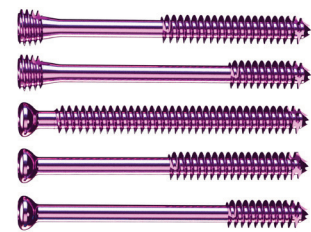
- Available in 15, 18, 20, and 25 mm offerings to address indications of the midfoot and hindfoot
- All instrumentation for the JAWS™ Nitinol Staple System comes in a simple disposable, sterile kit
- The staple comes pre-loaded on the inserter to help facilitate a quick and simple surgery
 - Staple sits flush upon deployment from inserter minimizing the need to tamp following insertion
- If necessary, the JAWS™ instrument kit provides surgeons a compressor/distractor to aid in preparation of the fusion site and closure prior to deployment of staple

Monster® 4.5 and 5.5 Screw System

- Headed and Headless
- Short, Long, and Fully Threaded Options
 - 4.5 (2 mm increments 18 - 50 mm; 5 mm increments 55 - 70 mm)
 - 5.5 (2 mm increments 26 - 60 mm; 5 mm increments; 5 mm increments 65 - 90 mm)



4.5 mm Monster® Screws



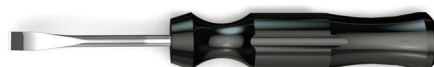
5.5 mm Monster® Screws

Instrumentation

- The Gorilla® Plating System includes a robust offering of specialty foot & ankle instrumentation including the Cartilage Removal Tool, Subchondral Drill, Periosteal Elevator, Curved and Straight Osteotomes, and Pin Distractor

Cartilage Removal Tool

- Provides "Reverse Cutting" functionality



Pin Distractor

- Accommodates both a 1.6 mm and 2.3 mm K-Wires



Subchondral Drill

- Provides approximately 10 mm of controlled drilling of subchondral bone

Exclusively foot & ankle **28** Paragon[®]

JAWS[®]



GRAPPLER[™]
INTERFERENCE
SCREW system

GORILLA[®]
R3CON PLATING SYSTEM

PRESERVE[™]
BONE GRAFT
SYSTEM

MONSTER[™]
SCREW SYSTEM

TITAN[®]
3-D



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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/ifu>

