

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

Innovative, Comprehensive, **Foot and Ankle Specific**



A Leap Forward in Fixation Solutions
Addressing Fractures of the Foot and Ankle

28
Paragon[®]

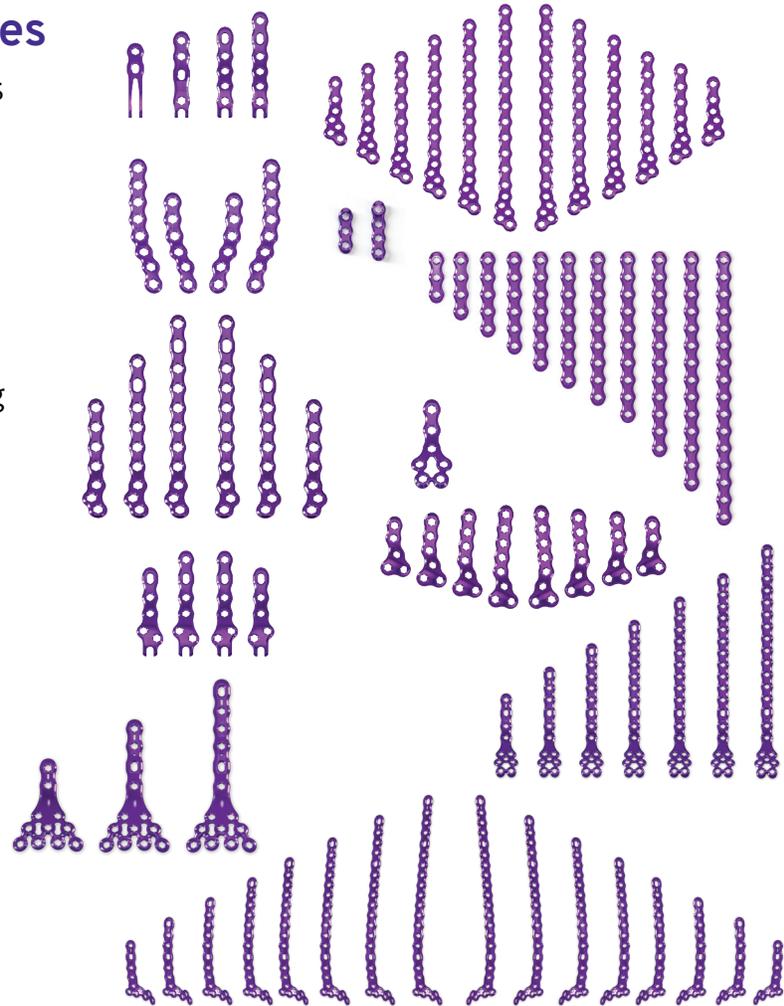
Ankle Fracture

Gorilla® Ankle Fracture Plating System

The most comprehensive offering of standard ankle fracture plates on the market

78 total plates in 13 different families

- Straight and Anatomic Fibular Plates: 24 plates
- Posterior Plates: 20 plates
- Hook Plates: 8 plates
- Pilon Plates: 26 plates
- Recessed plate holes accept syndesmotic fixation
- Locking screw hole geometry may be used to lag plate to bone, thus limiting prominence
- All holes accept Ø2.7 mm, Ø3.5 mm or Ø4.2 mm locking and non-locking polyaxial screws
- All plates are low profile
 - Straight, Anatomic, Hook, and Posterior: (thickness of 1.5 mm or less)
 - Pilon: (thickness of 1.8 mm)
- All plates have tapered proximal and distal tips to assist in percutaneous insertion
- Pilon plates include a transitional thickness for increased strength and stability and provide proximal slotted holes to aid in plate positioning



Novel Syndesmotic Fixation

Gorilla® R3LEASE™ Stabilization System



- Provides rigid stability and resists rotational forces while syndesmosis is healing (before weight-bearing)
- Designed so that if screw fracture occurs, the screw breaks cleanly at the notch point in the clear space
- A second removal surgery, if deemed necessary, was designed to be straight forward

	Ø3.9 mm R3LEASE™ Screw - 14 mm Notch Length	Ø3.9 mm R3LEASE™ Screw - 17 mm Notch Length
R3LEASE™ STABILIZATION SYSTEM 		
Lengths	40-45 mm (5 mm increments) 48-64 mm (2 mm increments)	40-45 mm (5 mm increments) 48-64 mm (2 mm increments)

Calcaneal Fracture and Posttraumatic Arthritis

Gorilla[®] Calcaneal Fracture Plating System

	Sinus Tarsi	Sinus Tarsi Support Plate	Calc Fracture Perimeter
Total Plates	6	6	8
Plate Thickness	1.1 mm	1.1 mm	1.1 mm
Hole Configurations	6 Hole	10 Hole	11 Hole (X-Small), 15 Hole
Size	Small, Medium, Large	Small, Medium, Large	X-Small, Small, Medium, Large
Left and Right Offerings	Yes	Yes	Yes

20 Unique Low Profile Plates Accommodate Standard and Sinus Tarsi Approach

Sleek Instrumentation Designed to Facilitate Dissection and Plate and Screw Placement

Sinus Tarsi Incision Guide



Sinus Tarsi Inserter



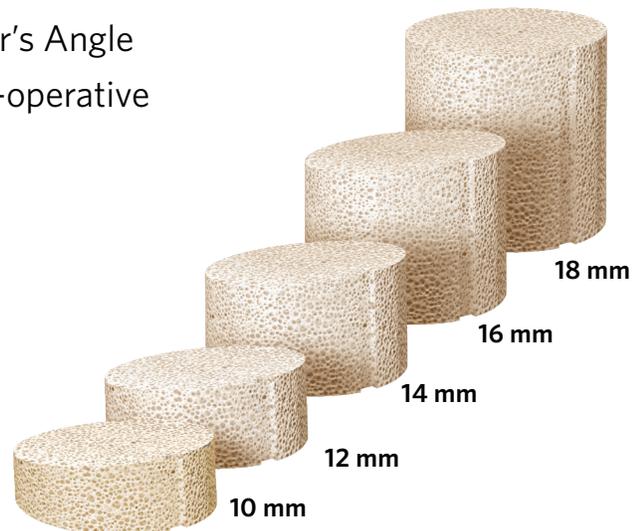
Blunt Tipped Dissection Tool



Subtalar Joint Distraction Arthrodesis (STJDA) Graft (5 Grafts)

Only system on the market specifically designed to address STJDA

- Adds height to subtalar joint — intended to correct Bohler's Angle
- Designed to correct for varus/valgus deformity — no inter-operative shaping required
- Trial size allows ability to “dial-in” correction
- Patented geometries
- Minimally manipulated
 - Density matched
 - Aseptically processed
 - No gamma irradiation
 - No bleach



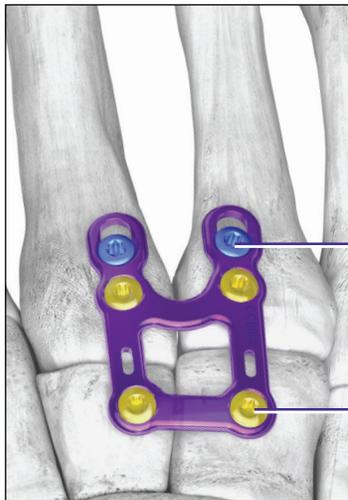
Lisfranc Fractures and Disruption

Gorilla[®] Lisfranc / TMT Plating System

	1st & 2nd 	2nd & 3rd 	Slanted Straight 	Slanted T 	Clover 
	Total Plates	6	6	6	6
Hole Configurations	4 Hole w/ 2 Compression Slots Small, Medium, Large	4 Hole w/ 2 Compression Slots Small, Medium, Large	3 Hole w/ Compression Slot 4 Hole w/ Compression Slot 5 Hole w/ Compression Slot	3 Hole w/ Compression Slot 4 Hole w/ Compression Slot 5 Hole w/ Compression Slot	5 Hole w/ Compression Slot 6 Hole w/ Compression Slot

Plate Features

- 1.4 mm plate thickness helps reduce soft tissue irritation
- Made from Ti 6Al-4V ELI allowing for increased plate strength
- Anatomic contour can help reduce intraoperative bending which may save time in the OR



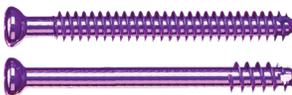
All plates contain a compression slot which sits distally allowing for better screw purchase in diaphyseal bone

All holes accommodate variable polyaxial locking screw technology (up to 15 degrees off-axis in any direction) to allow for targeting of better quality bone and avoidance of the joint space

Mini-Monster[®] Solid Screw System

Available in Partially and Fully Threaded Options

- System includes both cannulated and solid instrumentation allowing for flexibility in surgical approach

	Ø2.7 mm 	Ø3.5 mm 	Ø4.0 mm 
Lengths	10-20 mm (1 mm increments) 22-40 mm (2 mm increments)	10-50 mm (2 mm increments)	12-50 mm (2 mm increments) 55-60 mm (5 mm increments)

- Made from titanium alloy Ti 6Al-4V

Low profile head designed to minimize soft tissue irritation



Blunt tip designed to minimize soft tissue irritation in cases of bi-cortical fixation or if perforation of the far cortex occurs

Cancellous thread form to facilitate rapid insertion of the screw into bone and provide purchase in poor bone

Jones and 5th Metatarsal Fractures



PRECISION™ Jones Fracture Screw System

120 Unique Implants

- Ø4.0, Ø4.5, Ø5.5, Ø6.2 mm diameter screws from 34-60 mm in 2 mm increments

Type II Anodized Titanium

- Constructed from Type II Anodized Titanium for increased fatigue strength¹



PRECISION JONES FRACTURE SCREW SYSTEM	Ø4.0 mm Screw	Ø4.5 mm Screw	Ø5.5 mm Screw	Ø6.2 mm Screw
Total Screws	30	30	30	30
Lengths	34 mm - 60 mm (2 mm increments), 65 mm			
Solid and Cannulated	Yes	Yes	Yes	Yes



Curved K-Wire Guide (patent pending)

- Positions the Nitinol K-Wire into the center of the intramedullary canal simplifying placement which may reduce intraoperative fluoroscopy time
- Tip matches the curvature of the 5th metatarsal base
- The radius of curvature is designed to aim the handle away from the lateral malleolus and cuboid
- The guide handle is perpendicular to the K-Wire trajectory which can be used as reference for K-Wire orientation

Baby Gorilla® 5th Metatarsal Fracture Plates

5th Metatarsal Fracture Plates



Left Plate



Right Plate

5th Metatarsal Avulsion Fracture Hook Plates



Left Plate



Right Plate

Jones Fracture 6 Hole Hook Plates



Left Plate



Right Plate

Designed to fit the 5th metatarsal with the option to be used for:

- Jones Fractures
- Revision Jones Fractures
- 5th Metatarsal Shaft Fractures
- 5th Metatarsal Avulsion Fractures



Beast™ 100 Demineralized Bone Matrix

- 100% human bone — No additional carrier²
- Individually lot tested for consistency and osteoinductivity
- May be contoured to best fit surrounding anatomy

- Consistent handling
 - Premixed and injectable from syringe

Small Bone Fracture and Reconstruction



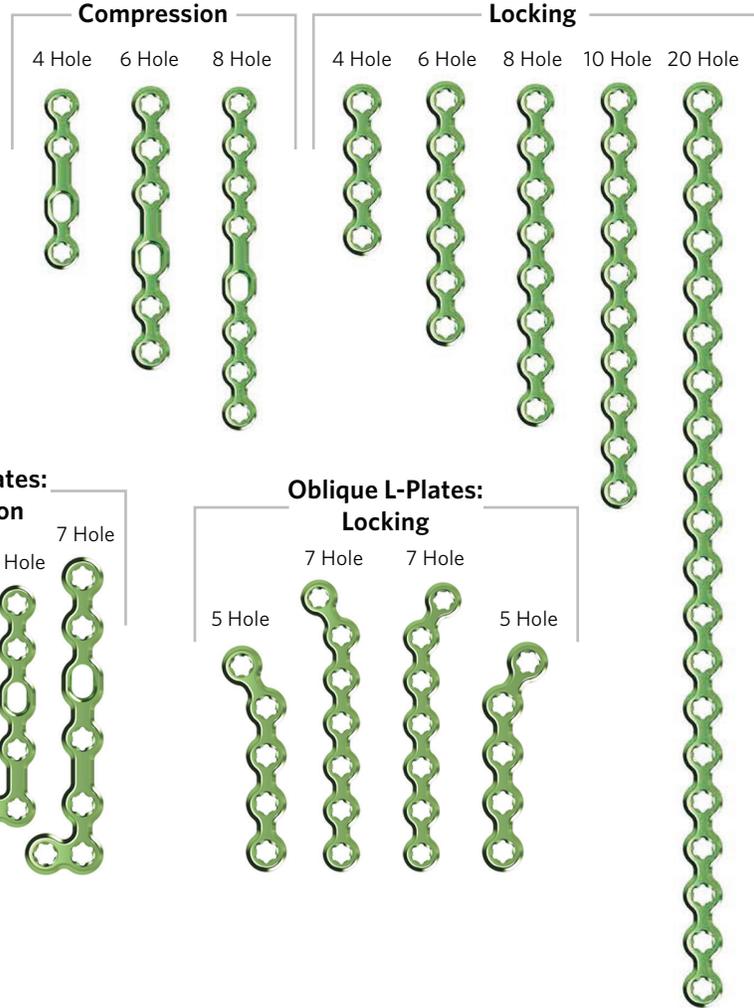
Baby Gorilla® Plate Offering

The most comprehensive system of small bone fracture and reconstruction plates on the market

- Over 80 plating options

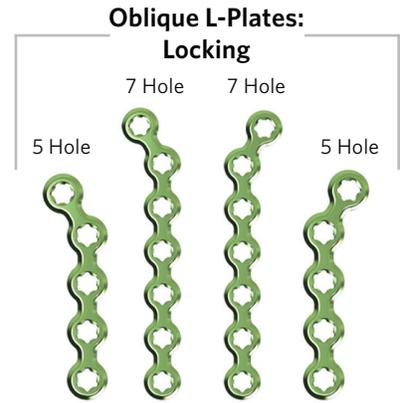
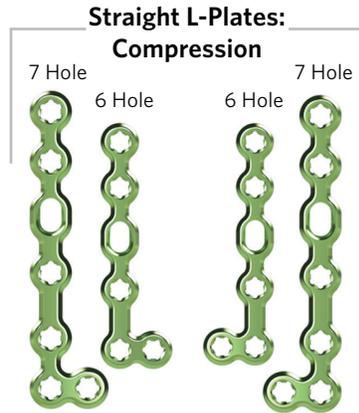
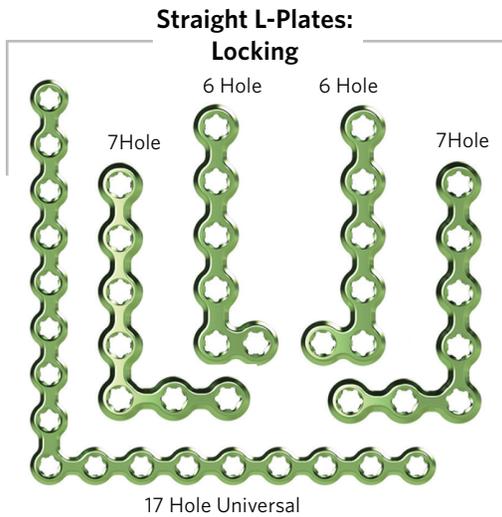
Straight Plates

- Eight different sizes offered



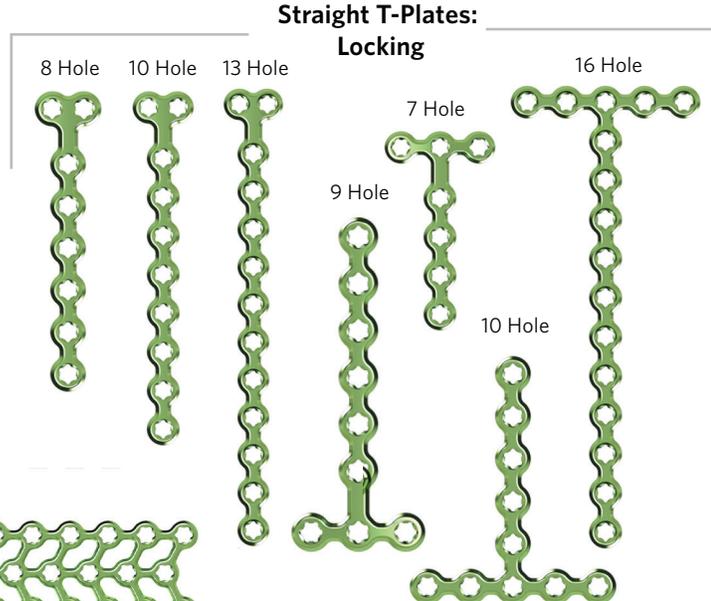
L-Plates

- 25 total unique L-Plates



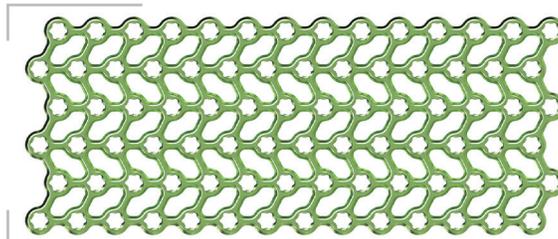
T-Plates

- 13 total T-Plates



Mesh Plate

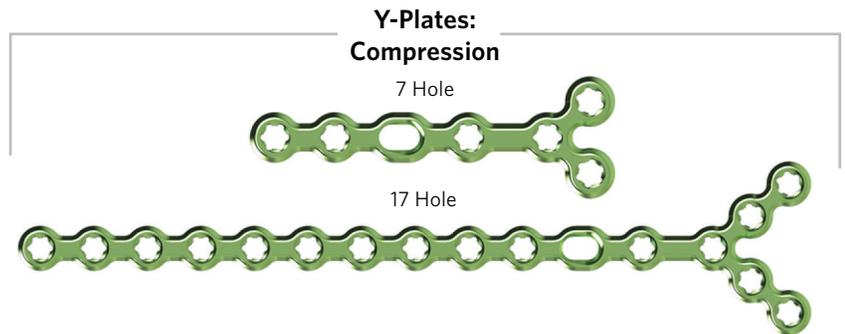
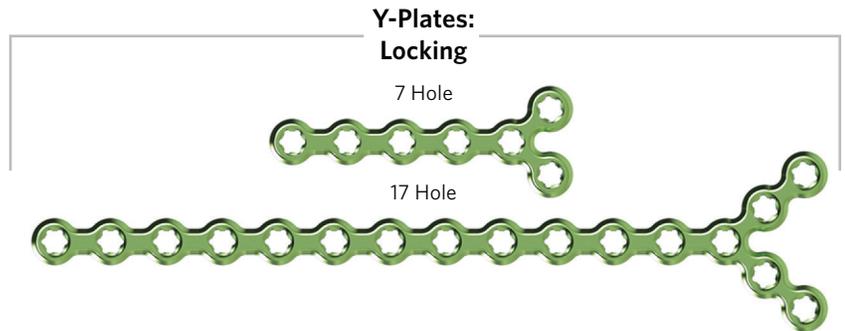
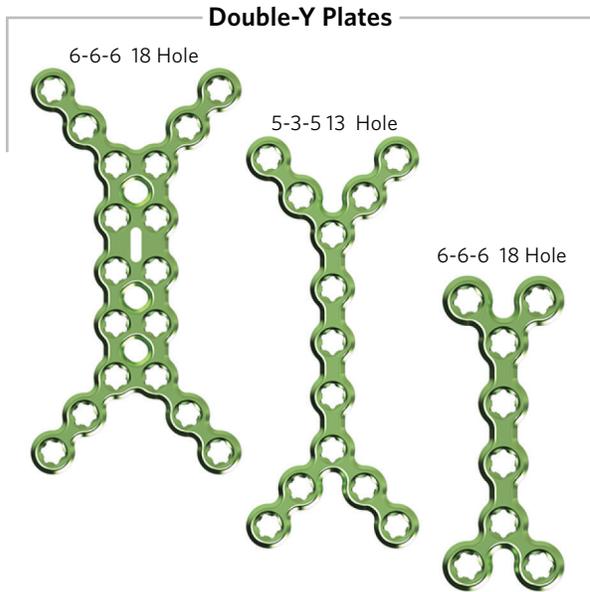
- 6 x 14
- 84 Holes



Baby Gorilla® Plate Offering

Y-Plates

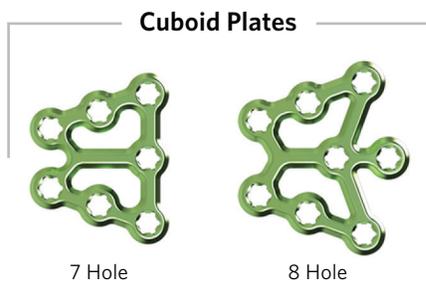
- Offered in 7 unique configurations



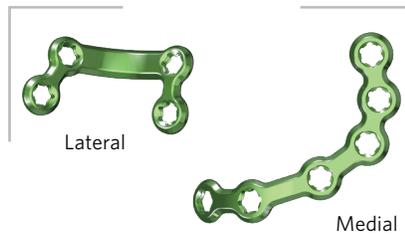
Baby Gorilla® Fracture/Procedure Specific Plating Options

Cuboid Plates

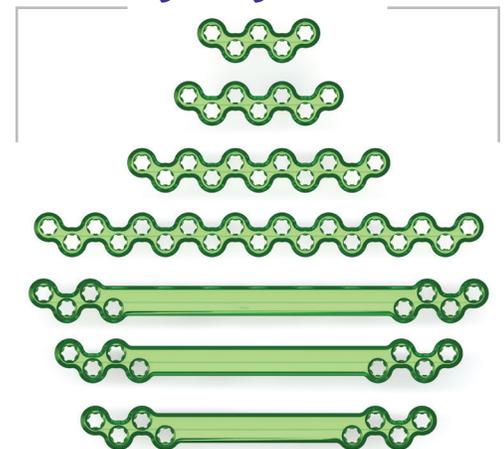
- Anatomically specific to the cuboid



Talar Neck Plates

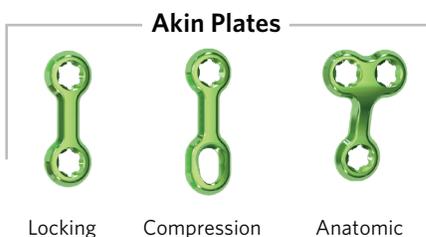


Zig Zag Plates



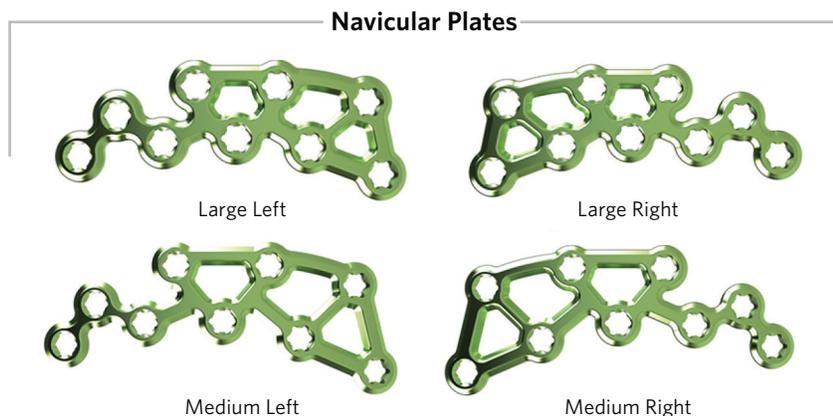
Akin Plates

- Three unique Akin Plate Options

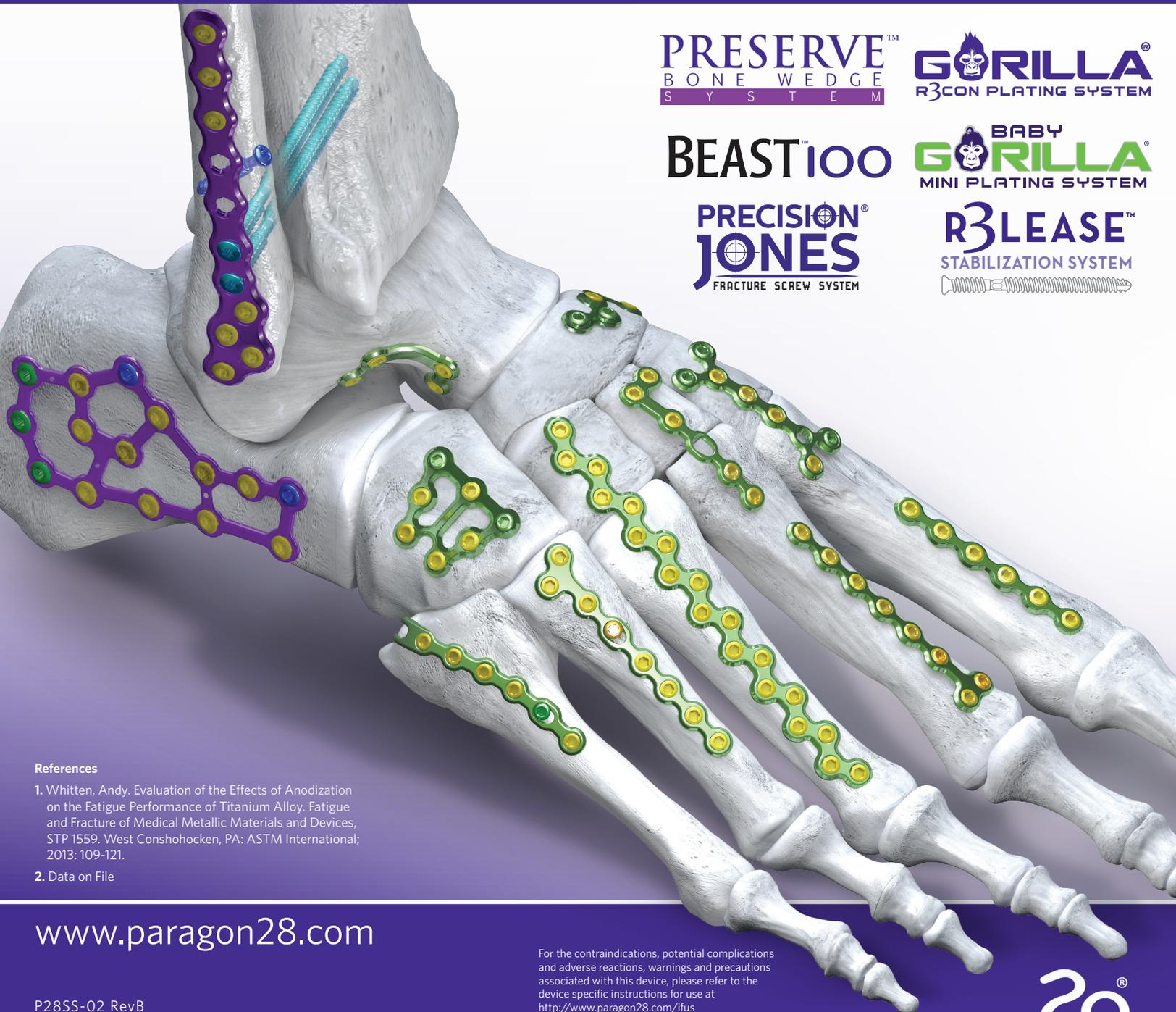


Navicular Plates

- Two size options for both left and right foot



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PRESERVE™
BONE WEDGE
SYSTEM

GORILLA[®]
R3CON PLATING SYSTEM

BEAST™100

BABY GORILLA[®]
MINI PLATING SYSTEM

PRECISION[®]
JONES
FRACTURE SCREW SYSTEM

R3LEASE™
STABILIZATION SYSTEM

References

- Whitten, Andy. Evaluation of the Effects of Anodization on the Fatigue Performance of Titanium Alloy. Fatigue and Fracture of Medical Metallic Materials and Devices, STP 1559. West Conshohocken, PA: ASTM International; 2013: 109-121.
- Data on File

www.paragon28.com

P28SS-02 RevB

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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>

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