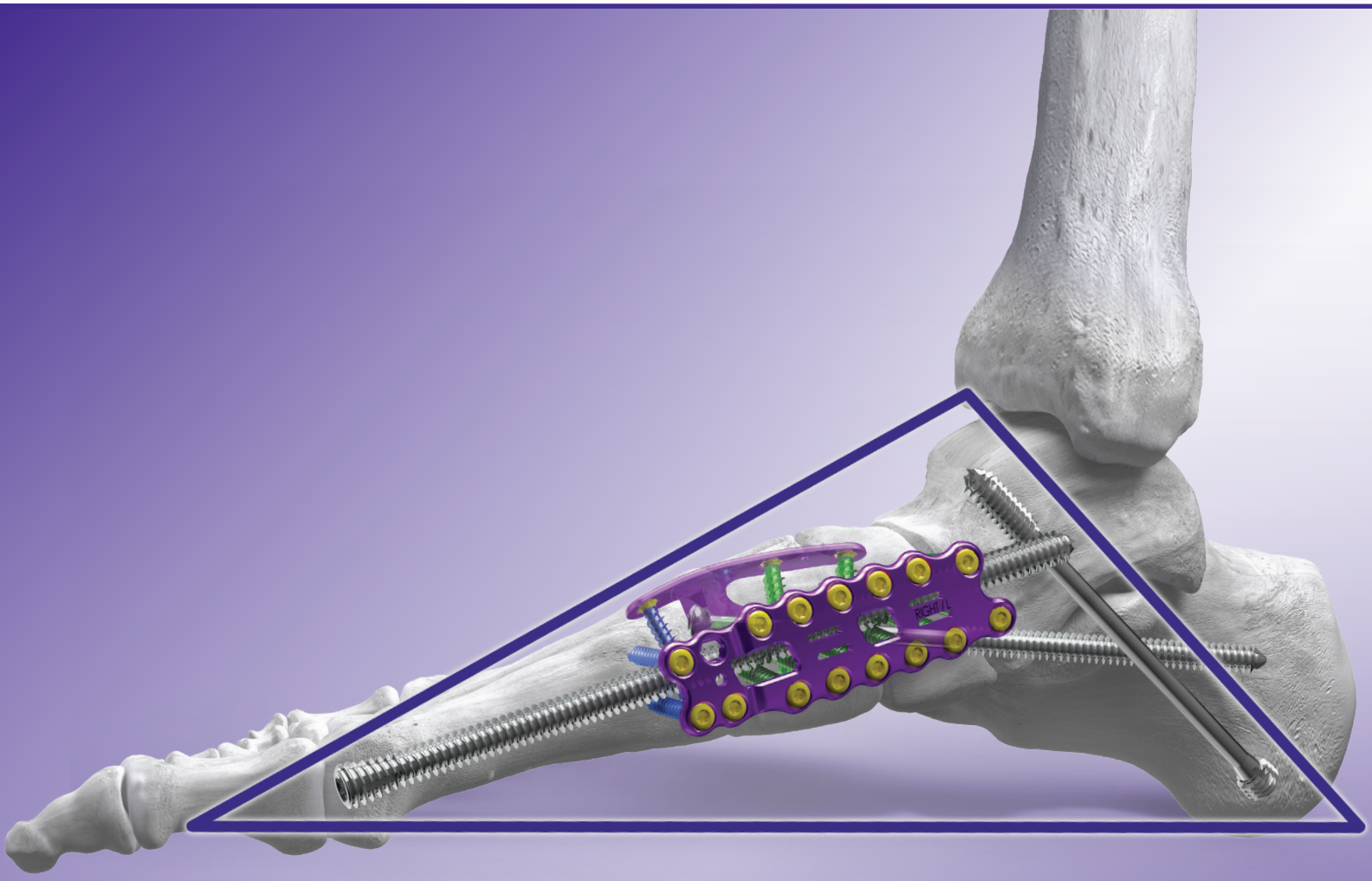
Exclusively foot & ankle

Paragon 28®

TRIFECTA – Strength and Load Sharing



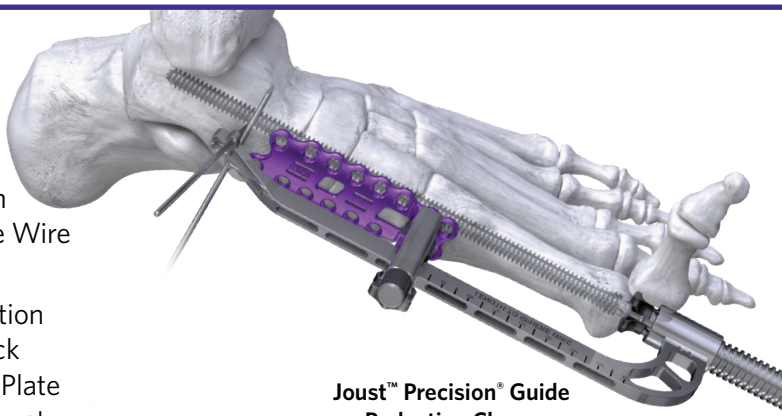
Comprehensive Internal Fixation and Biologic Solutions for the Charcot Foot

p28®

Internal Fixation

JOUST™ Beaming Screw System

- Most robust offering of Beams to address the Charcot foot
- Precision® Guide allows for accurate and reproducible placement of the K-wire while offering ability to reduce joints along the medial column
  - Precision® Guide can also be used to position the subtalar beam (completing the triangle construct) by rotating around the Sphere Wire to the surgeon's desired entry point in the calcaneus
- Triangle shaped construct helps share the load with hardware location
  - Joust™ Beams may be used in conjunction with a 2.0 mm thick Gorilla® Straddle Plate with an additional Gorilla® Lateral Column Plate and Ø5.5 mm Gorilla® Plate Screw to further reinforce the construct
  - The thickness and height of the Gorilla® Straddle Plate is optimized to resist bending, while assisting in alignment of the medial column
- Constructed from Type II anodized titanium which has been shown to have increased fatigue strength[1]

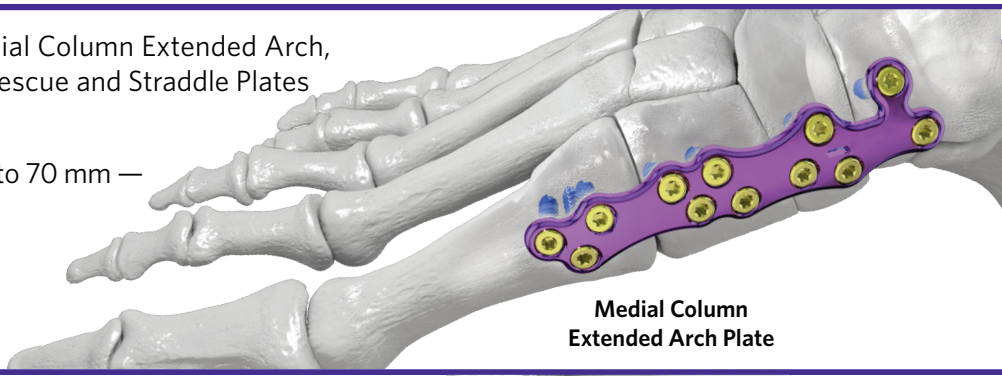


Joust™ Precision® Guide Reduction Clamp

JOUST™ BEAMING SCREW SYSTEM	Ø5.0 mm Beam	Ø5.5 mm Beam	Ø7.2 mm Beam
Lengths	50 —120 mm (5 mm increments)		65 —185 mm (5mm increments)
Solid and Cannulated Offerings	Yes	Yes	Yes
Fully and Partially Threaded Offerings	Yes	Yes	Yes
Total Beams	60	60	100

Gorilla® Medial Column Plates

- 46 total plate variations including: Arch, Medial Column Extended Arch, Proximal Arch, Distal Arch, Medial Column Rescue and Straddle Plates
- 1.5 mm and 2.0 mm thick plates
- Accommodate all R3CON Screws in lengths up to 70 mm — may span the midfoot



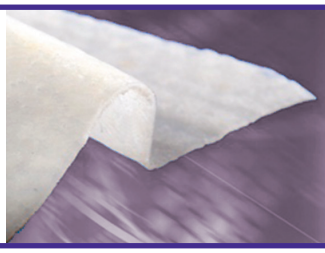
Medial Column Extended Arch Plate

Gorilla® Lateral Column Fusion Plating System

- The only dedicated lateral column plating system on the market
- Includes a recessed screw hole that accepts a Ø5.5 mm Gorilla® Plate Screw allowing a reproducible means to beam the lateral column between the 4th and 5th metatarsal
- Intended to maintain anatomic alignment of the lateral column and prevent subluxation of the cuboid
- Standard and large size plate offerings at 1.5 mm thick

Wound Care

PRESERVE™ Paraderm® Matrix

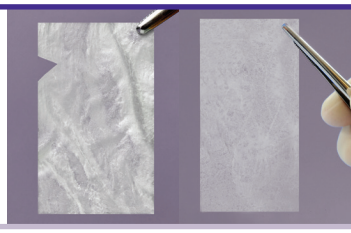


- Biocompatible collagen matrix that promotes cellular infiltration and proliferation — used to address ulcers and associated wounds
- Retention of crucial extracellular matrix proteins
- Preservation of natural collagen matrix
- Preservation of native vascular channels

Pro3™ Flowable Allograft

- A localized addition of proteins and growth factors believed to reduce inflammation and enhance the healing environment which can be easily administered
- Includes collagen substrates, growth factors, amino acids, polyamines, lipids, carbohydrates, cytokines, extracellular matrix molecules such as hyaluronic acid and fibronectin

Pro3™ Placenta and Cord Membrane



- Thin and thick amniotic tissue to be utilized in addressing surgical wounds
- Preserves the natural regenerative healing properties of the tissue and the endogenous growth factors responsible for promoting healthy tissue

Bone & Biologics

V92™ & V92™-FC Cellular Bone Matrix

- Novel stem cell and carrier to activate and enhance the patient's innate healing properties
- 150,000 primitive viable cells per cc are available for implantation
  - An average of 80% of cells post thaw are viable for implantation
- Proprietary cryoprotectant is DMSO free and does not require decanting[2]
- Two different offerings with handling properties optimized for varying environments

PRESERVE™ Beast 100®

- DBM from 100% human carrier
- No mixing required — may be administered directly to surgical site through syringe

PRESERVE™ Allograft

- Aseptically processed procedure specific wedges
- Density matched to meet strength requirements while allowing for rapid incorporation
- Osteoinductivity and mechanical properties are preserved[3,4,5]
  - No bleaching
  - No gamma irradiation
- Decorticated femoral head also available to fill bony voids or defects

Decorticated Femoral Head

- May be used in cases of large bone defects or deficits
- Available to reconstruct or replace existing bone
- May be combined with other biologics to enhance incorporation

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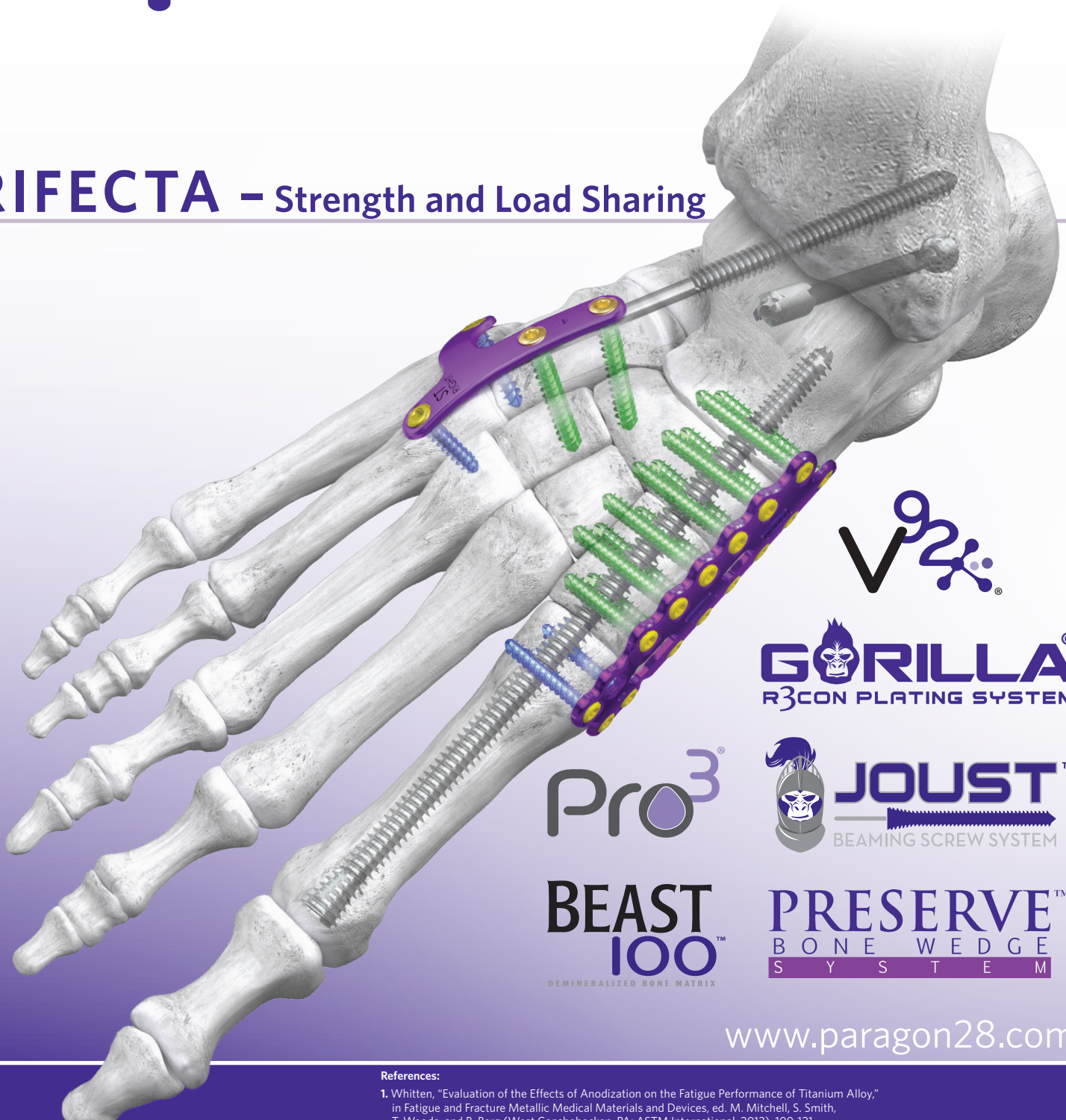

V92K®

GORILLA® R3CON PLATING SYSTEM

Pro3®

JOUST™ BEAMING SCREW SYSTEM

BEAST 100™ DEMINERALIZED BONE MATRIX

PRESERVE™ BONE WEDGE SYSTEM

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References:

1. Whitten, "Evaluation of the Effects of Anodization on the Fatigue Performance of Titanium Alloy," in Fatigue and Fracture Metallic Medical Materials and Devices, ed. M. Mitchell, S. Smith, T. Woods, and B. Berg (West Conshohocken, PA: ASTM International, 2013), 109-121.
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3. Russell N, et al. The Effect of Processing Conditions of the Osteoinductivity of Sheep Demineralized Bone Matrix in an Ectopic Nude Rat Model: A Pilot Study. In: ORS; 2012:Poster 0629.
4. Arjmand B, et al. The effect of gamma irradiation on the osteoinductivity of demineralized human bone allograft. Acta Med Iran. 2014;52(3):215-219.
5. Han B, et al. Effects of gamma irradiation on osteoinduction associated with demineralized bone matrix. J Orthop Res. 2008;26(1):75-82.

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

p28®