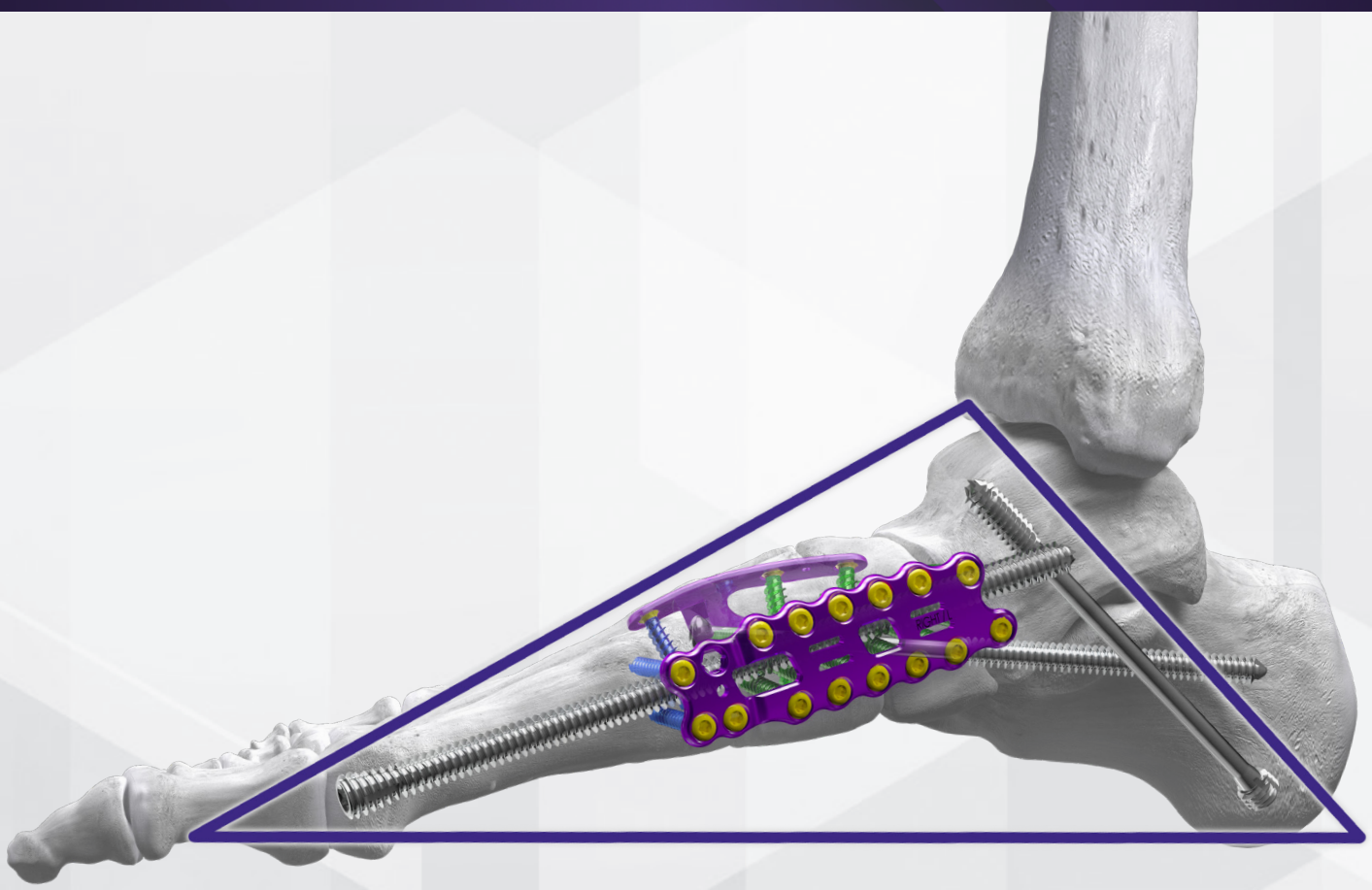
CHARCOT FOOT

Comprehensive Internal/External Fixation Solutions and Biologics

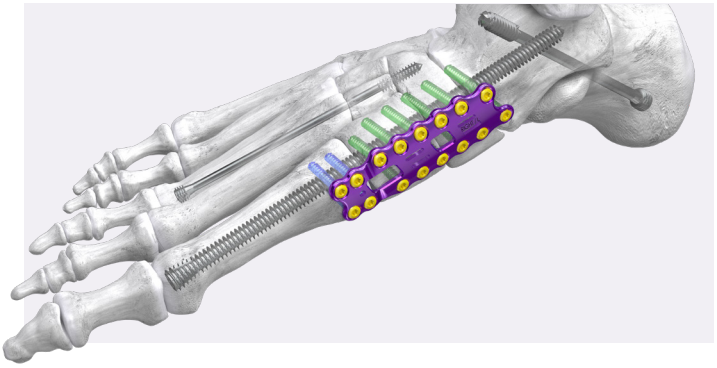


Exclusively foot & ankle Paragon 28®

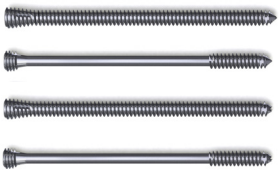
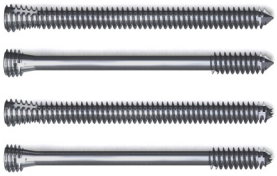
INTERNAL FIXATION

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
- 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]

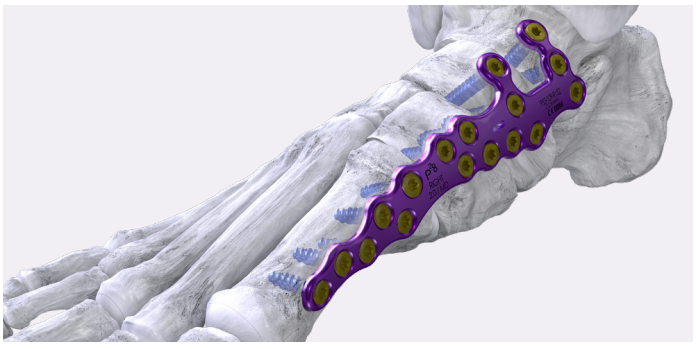


Gorilla® Medial Column Straddle Plate and Joust™ Beams

	5.0 mm Beam	5.5 mm Beam	7.2 mm Beam
			
Lengths	50–120 mm (5 mm increments)		65–185 mm (5 mm 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

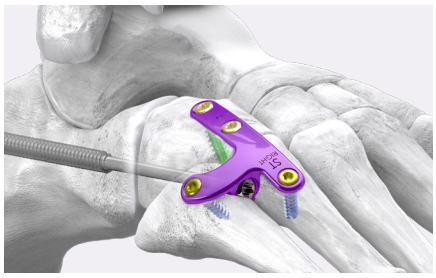
- 46 total plate variations including: Arch, Medial Column Extended Arch, Proximal Arch, Distal Arch, Medial Column Rescue and Straddle Plates
- 1.5 mm and 2.0 mm thick plates
- Accommodate all R3CON Screws in lengths up to 70 mm—may span the midfoot



Gorilla® 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



Gorilla® Lateral Column Plating System

IMPLANT OFFERING

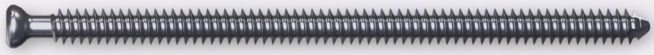
LCF Plates:

Left (Standard) | Left (Large) | Right (Standard) | Right (Large)

LCF Screw Offering:

Gorilla® Type II Anodized 5.5 mm Partially Threaded Beaming Plate Screws

- Offered in 80–120 mm, 5 mm increments
- Solid core, non-locking
- Consistent shank length to provide maximum amount of threads in the calcaneus

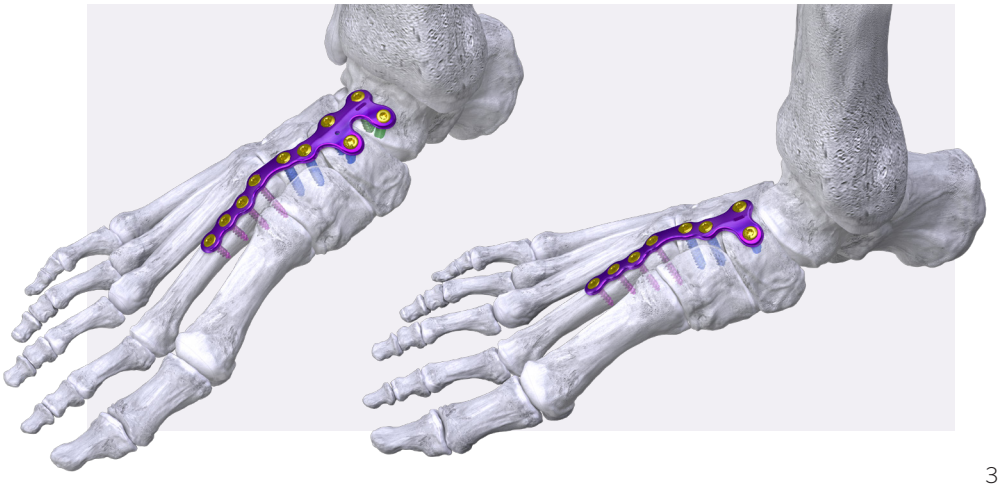


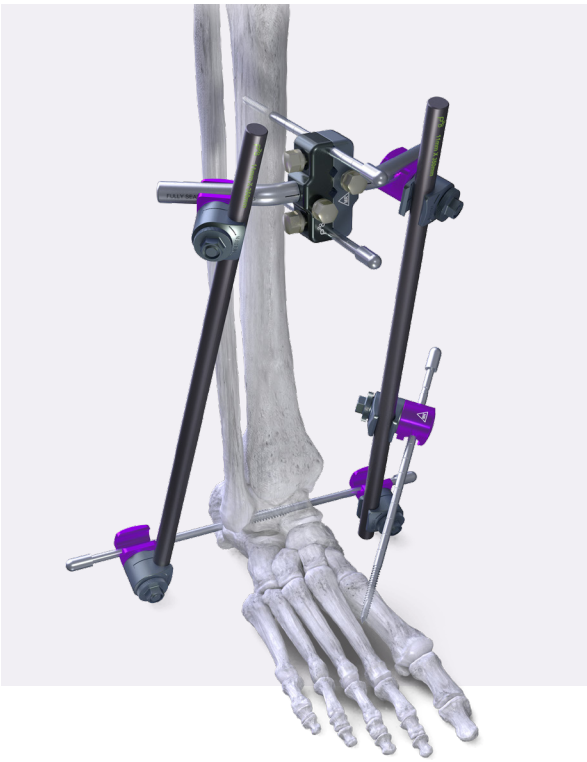
Gorilla® Type II Anodized 5.5 mm Fully Threaded Beaming Plate Screws

- Offered in 80–120 mm, 5 mm increments
- Solid core, non-locking

Gorilla® Central Column Plating System

- 16 Unique Plates
- 1.5 and 2.0 mm Thick Options
- Talus to Metatarsal and Navicular to Metatarsal Spanning Options
- Custom Rasp for Joint Preparation





EXTERNAL FIXATION

Monkey Bars™ Pin to Bar External Fixation System

The Monkey Bars™ Pin to Bar External Fixation System offers a simple, efficient, and versatile option when an external fixator is indicated.

- The patent pending single clamp system that allows for bar-to-bar or bar-to-pin construction
- The multi-pin clamps come in 5-hole and 8-hole options to streamline construct creation and enhance stability
  - Clamps work with both straight and bent (30-degree) post options
- Self-drilling/self-tapping, or blunt tipped Ø3, Ø4, and Ø5 mm stainless steel pins produced in a variety of thread and pin lengths. Both partially threaded half pins, and a centrally threaded full pin are available.

Monkey Rings™ External Fixation System

- Size up and down four sizes from the foot plate
- Four different half pin attachment options
- AO Quick Connect half pin insertion
- Modularity and flexibility in constructs
- One step wire tensioning

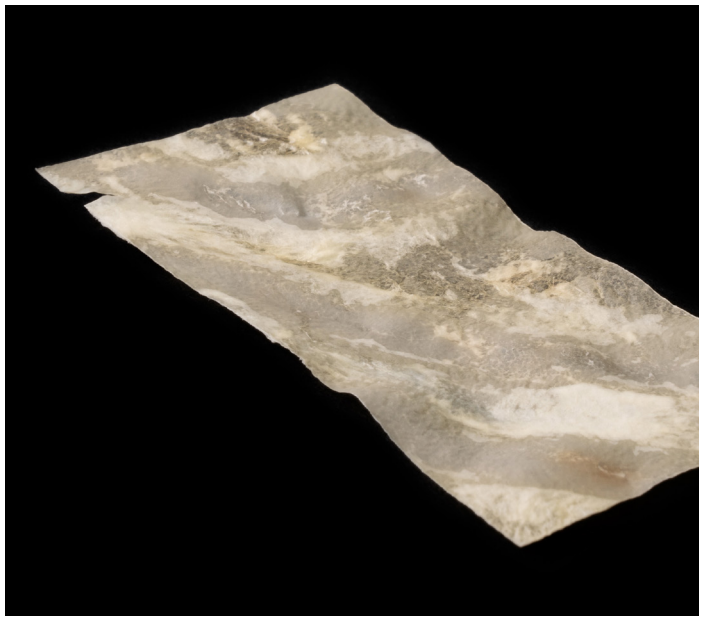
WOUND CARE

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

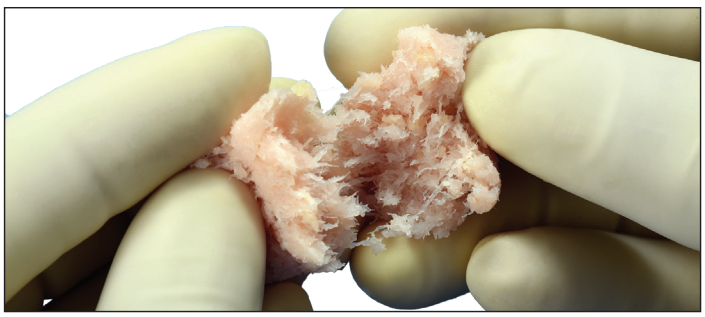
Pro3™ Placenta and Cord Membrane*

- 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



V92-FC+™*

- Packaged in easy-to-use syringe
- No rinsing or decanting steps required—native bone cellsare preserved in a DMSO-free cryoprotectant
- Average cell viability exceeds 92% post-thaw[2]
- Average of 1.5 million viable cells per cc of allograft[2]
- Four-hour working window for implantation after thaw without loss of cell viability

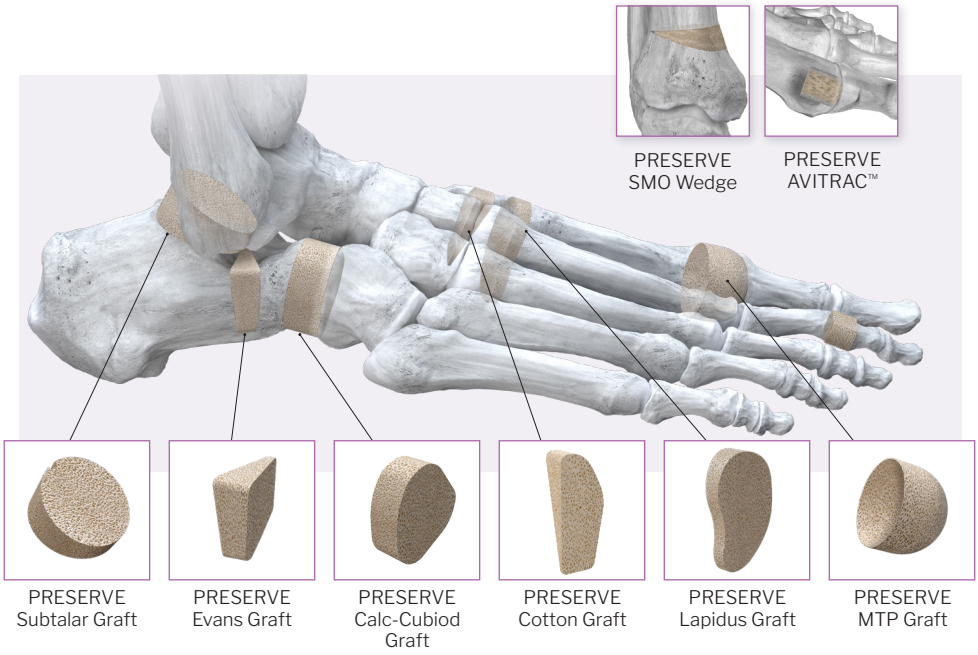


*Manufactured for Paragon 28®

BIOLOGIC SUPPORT

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 fillbony voids or defects



BEAST™ Injectable Putty*

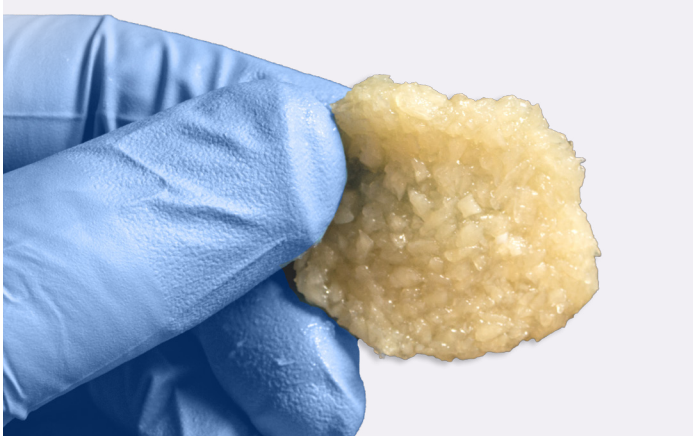
BEAST™ Injectable Putty was engineered for superior performance. The graft does not adhere to gloves yet maintains its placement in the surgical environment. Osteoinductivity of sterile final product is assessed in vivo. In this challenging model, every lot tested to date has consistently demonstrated an osteoinductive response.

- **OSTEOINDUCTIVE**—Assured osteoinductive potential via validated processing
- **PROVEN EFFICACY**—Equivalent to iliac crest autograft proven in a preclinical spinal fusion model
- **COHESIVE HANDLING**—Resists irrigation due to robust biocompatible carriers
- **STERILITY ASSURANCE LEVEL (SAL) 10^6**—Terminal sterilization ensures the highest level of patient safety
- **BOTH INJECTABLE AND MOLDABLE**—flexibility in delivery to the surgical site
- **3 YEARS SHELF LIFE, ROOM-TEMPERATURE STORAGE**—Fonvenient and ready to use

BEAST™ PLUS Injectable Putty*

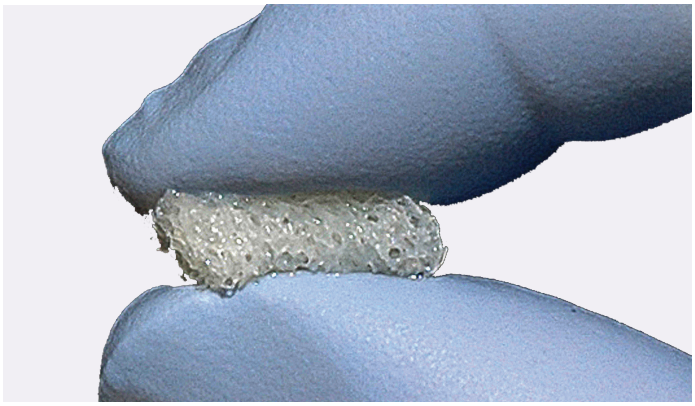
BEAST™ Injectable Putty is premixed with cortical chips to create BEAST™ PLUS, eliminating the need for cumbersome intraoperative mixing. Utilizing demineralized instead of mineralized cortical chips ensures that the additional graft material does not diminish osteoinductivity.

- **DIFFERENTIATED TEXTURE:** BEAST™ PLUS combined with demineralized cancellous chips (1–4 mm)
  - Eliminates the need for interoperative mixing while maintaining the osteoinductive potential of the graft
- **PROVEN EFFICACY:** Equivalent to iliac crest autograft proven in a preclinical spinal fusion model
- **OSTEOINDUCTIVE:** Assured osteoinductivity via validated processing
- **COHESIVE HANDLING:** Resists irrigation due to robust biocompatible carrier
- **STERILITY ASSURANCE LEVEL (SAL) 10^6:** Terminal sterilization ensures the highest level of patient safety.
- **BOTH INJECTABLE AND MOLDABLE:** Flexibility in delivery to the surgical site
- **PRE-LOADED IN SYRINGE:** No mixing necessary
- **RADIOLUCENT:** Graft material allows for a more accurate assessment of new bone formation
- **3 YEARS SHELF LIFE, ROOM-TEMPERATURE STORAGE:** Convenient and ready to use



BEAST™ OsteoBiologic Sponge (BOB™)*

- BEAST™ OsteoBiologic Sponge (BOB™) is a novel form of demineralized bone matrix (DBM) made from 100% human trabecular bone
  - Fluid retention matrix absorbs bioactive fluids, like bone marrow aspirate, and supports cellular infiltration
- BOB™ provides a natural scaffold for cellular ingrowth and exposes bone-growth-inducing proteins to the healing environment
  - Osteoconductive interconnected porosity provides a scaffold for cellular ingrowth and proliferation
  - Osteoinductive potential patented demineralization process optimizes the preservation of inherent growth factors
- The malleable properties of BOB™ enable it to fill and conform to irregular bony defects
  - Compressible handling compressible sponge readily conforms to fill the defect, thus maximizing direct bone to graft contact
  - Resists migration even under direct irrigation
- Proprietary processing produces the highest quality implant while maintaining the highest level of safety
  - Sterility assurance level (SAL) 10^6
  - Compression benchmarks through demineralization maintain peak osteoinductive potential and preserve native BMPs (Bone Morphogenetic Proteins)
- Five-year shelf life in room-temperature storage



*Manufactured for Paragon 28®

CHARCOT FOOT

Comprehensive Internal/External Fixations and Biologic Solutions

BEAST™ DEMINERALIZED BONE MATRIX

BEAST+™ DEMINERALIZED BONE MATRIX

BEAST™ OSTEOBIOLOGIC SPONGE

GORILLA®

JOUST™ BEAMING SCREW SYSTEM

MONKEY BARS™ PIN TO BAR EXTERNAL FIXATION SYSTEM

MONKEY RINGS™

ParaDerm® DERMAL MATRIX

PRESERVE® BONE GRAFT SYSTEM

Pro3®

V24®

Exclusively foot & ankle Paragon28®

www.Paragon28.com

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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