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

Gorilla® Ankle Fracture Plating System

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

52 total plates in 10 different families

- Straight and Anatomic Fibular Plates: 24 plates
- Posterior Plates: 20 plates
- Hook Plates: 8 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 (≥1.5 mm thickness)

All plates have tapered proximal and distal tips to assist in percutaneous insertion

All plates have chamfered edges to minimize soft tissue irritation

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 straightforward

<table>
<thead>
<tr>
<th>Ø3.9 mm R3LEASE™ Screw</th>
<th>14 mm Notch Length</th>
<th>Ø3.9 mm R3LEASE™ Screw</th>
<th>17 mm Notch Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lengths</td>
<td>40-45 mm (5 mm increments)</td>
<td>48-64 mm (2 mm increments)</td>
<td>40-45 mm (5 mm increments)</td>
</tr>
</tbody>
</table>
**Gorilla® Calcaneal Fracture Plating System**

<table>
<thead>
<tr>
<th></th>
<th>Sinus Tarsi</th>
<th>Sinus Tarsi Support Plate</th>
<th>Calc Fracture Perimeter</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Plates</strong></td>
<td>6</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td><strong>Plate Thickness</strong></td>
<td>1.1 mm</td>
<td>1.1 mm</td>
<td>1.1 mm</td>
</tr>
<tr>
<td><strong>Hole Configurations</strong></td>
<td>6 Hole</td>
<td>10 Hole</td>
<td>11 Hole (X-Small), 15 Hole</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>Small, Medium, Large</td>
<td>Small, Medium, Large</td>
<td>X-Small, Small, Medium, Large</td>
</tr>
<tr>
<td><strong>Left and Right Offerings</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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 Boehler’s Angle
- Designed to correct for varus/valgus deformity — no inter-operative shaping required
- Trial sizer allows ability to “dial-in” correction
- Patented geometries
- Minimally manipulated
  - Density matched
  - Aseptically processed
- No gamma irradiation
Lisfranc Fractures and Disruption

Gorilla® Lisfranc / TMT Plating System

<table>
<thead>
<tr>
<th></th>
<th>1st &amp; 2nd</th>
<th>2nd &amp; 3rd</th>
<th>Slanted Straight</th>
<th>Slanted T</th>
<th>Clover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Plates</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Hole Configurations</td>
<td>4 Hole w/ 2 Compression Slots Small, Medium, Large</td>
<td>4 Hole w/ 2 Compression Slots Small, Medium, Large</td>
<td>3 Hole w/ Compression Slot 4 Hole w/ Compression Slot 5 Hole w/ Compression Slot</td>
<td>3 Hole w/ Compression Slot 4 Hole w/ Compression Slot 5 Hole w/ Compression Slot</td>
<td>5 Hole w/ Compression Slot 6 Hole w/ Compression Slot</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Ø2.7 mm</th>
<th>Ø3.5 mm</th>
<th>Ø4.0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lengths</td>
<td>10-20 mm (1 mm increments) 22-40 mm (2 mm increments)</td>
<td>10-50 mm (2 mm increments)</td>
<td>12-50 mm (2 mm increments) 55-60 mm (5 mm increments)</td>
</tr>
</tbody>
</table>

- 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 strength

<table>
<thead>
<tr>
<th>PRECISION® JONES</th>
<th>Ø4.0 mm Screw</th>
<th>Ø4.5 mm Screw</th>
<th>Ø5.5 mm Screw</th>
<th>Ø6.2 mm Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Screws</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Lengths</td>
<td>34 mm - 60 mm (2 mm increments), 65 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid and Cannulated</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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
- 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

5th Metatarsal Avulsion Fracture Hook Plates

Jones Fracture 6 Hole Hook Plates

Beast™ 100 Demineralized Bone Matrix
- 100% human bone — No additional carrier
- 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

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

#### Straight L-Plates: Compression
- 4 Hole
- 6 Hole
- 8 Hole

#### Straight L-Plates: Locking
- 4 Hole
- 6 Hole
- 8 Hole
- 10 Hole
- 20 Hole

#### Straight L-Plates: Universal
- 7 Hole
- 6 Hole
- 7 Hole
- 7 Hole
- 5 Hole

### T-Plates

- 13 total T-Plates

#### Oblique T-Plates: Locking
- 8 Hole

#### Oblique T-Plates: Compression
- 8 Hole

#### Straight T-Plates: Compression
- 8 Hole
- 10 Hole
- 13 Hole
- 7 Hole

#### Straight T-Plates: Locking
- 7 Hole
- 9 Hole
- 10 Hole
- 16 Hole

### Mesh Plate

- 6 x 14
- 84 Holes
Baby Gorilla® Mini Plating System

Baby Gorilla® Plate Offering

Y-Plates
• Offered in 7 unique configurations

Double-Y Plates
- 6-6-6 18 Hole
- 5-3-5 13 Hole
- 6-6-6 18 Hole

Y-Plates: Locking
- 7 Hole
- 17 Hole

Y-Plates: Compression
- 7 Hole
- 17 Hole

Baby Gorilla® Fracture/Procedure Specific Plating Options

Cuboid Plates
• Anatomically specific to the cuboid

Cuboid Plates
- 7 Hole
- 8 Hole

Akin Plates
• Three unique Akin Plate Options

Akin Plates
- Locking
- Compression
- Anatomic

Navicular Plates
• Two size options for both left and right foot

Navicular Plates
- Large Left
- Large Right
- Medium Left
- Medium Right

Talar Neck Plates

Zig Zag Plates
References


2. Data on File

www.paragon28.com