PRODUCT INFORMATION

Radial Head Plates 2.0

APTUS® Elbow
Radial Head Plates 2.0

Safe and stable internal fixation of complex radial head fractures with anatomic angular stable plates

Plate Features

- Minimal plate thickness
- Chamfered plate contour to minimize soft tissue irritation
- Anatomic plate design
- TriLock – multidirectional (±15°) and angular stable screw locking is possible in each plate hole
- All plate holes can be utilized with either locking or non-locking screws
- Consistent screw size (Ø 2.0 mm)
- Titanium Grade 4 for optimal stability
- Holes for supplemental 1.2 mm K-wire fixation

Clinical Benefits

Anatomic design to minimize soft tissue irritation and ensure stable fixation

- Anatomically optimized plate designs
- Fixation of multiple fragments
- Low plate profile minimizes soft tissue irritation, particularly in the case of the annular ligament

Multiple locking options

- Multidirectional and angular stable TriLock technology provides a variable cone of ±15° for optimal fixation of all fragments
- Angular stability of screw fixation minimizes risk of post-operative loss of reduction
- Screw configuration can be adapted to the fracture pattern due to numerous plate holes

Clinical Cases

<table>
<thead>
<tr>
<th>Case 1</th>
<th>Case 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radial Head Rim Plate for a Mason Typ III / IV head fracture</td>
<td>Radial Head Buttress Plate for a Mason Type III neck fracture</td>
</tr>
</tbody>
</table>

Clinical Bene...
Technology, Biomechanics, Screw Features

Multidirectional and angular stable TriLock locking technology

Technology

- Variable angle of ± 15°
- Spherical 3-point wedge-locking for a secure connection between the screw and the plate
- Force and friction locking mechanism through radial bracing of the screw head in the plate
- No cold welding between plate and screws
- TriLock locking screws can be re-locked in the same plate hole under individual angles up to three times
- Minimal screw head protrusion

Biomechanics

- Internal fixator principle
  - Stable plate – screw construct allows bridging of unstable zones
  - Improved vascularization of the periosteum due to low contact of the plate
  - Sufficient stability even in the case of partial monocortical screw connection

Screw Features

- HexaDrive screw head design for increased torque transmission and improved self-retaining mechanism
- Tapered core diameter for increased torsional stability and overall strength
- Double threaded for faster insertion of locking screws and increased fixation
- Blunt, atraumatic tip prevents soft tissue irritation
- Precision cut thread profile for improved sharpness and self-tapping properties
- No cutting flutes necessary – easy screw removal
Ordering Information

2.0 Radial Head Plates

Material: Titanium (ASTM F67)
Plate thickness: 1.4 mm

Locking Screws, HexaDrive 6, Ø 2.0 mm

Material: Titanium (ASTM F136)

Cortical Screws, HexaDrive 6, Ø 2.0 mm

Material: Titanium (ASTM F136)

Cortical Screws, HexaDrive 6, Ø 2.3 mm

Material: Titanium (ASTM F136)
Twist Drills for Screws Ø 2.0 mm

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Ø Twist Drill</th>
<th>Length</th>
<th>Drill Shaft End</th>
<th>Pieces per Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-3414</td>
<td>1.6</td>
<td>30 mm</td>
<td>Dental</td>
<td>1</td>
</tr>
<tr>
<td>A-3424</td>
<td>1.6</td>
<td>30 mm</td>
<td>Stryker J-Latch</td>
<td>1</td>
</tr>
<tr>
<td>A-3434</td>
<td>1.6</td>
<td>30 mm</td>
<td>AO</td>
<td>1</td>
</tr>
<tr>
<td>A-3411</td>
<td>2.1</td>
<td>10 mm</td>
<td>Dental</td>
<td>1</td>
</tr>
<tr>
<td>A-3421</td>
<td>2.1</td>
<td>10 mm</td>
<td>Stryker J-Latch</td>
<td>1</td>
</tr>
<tr>
<td>A-3431</td>
<td>2.1</td>
<td>10 mm</td>
<td>AO</td>
<td>1</td>
</tr>
</tbody>
</table>

Countersink for Fixation Screws Ø 2.0/2.3 mm

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Length</th>
<th>Drill Shaft End</th>
<th>Pieces per Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-3610</td>
<td>45 mm</td>
<td>Dental</td>
<td>1</td>
</tr>
</tbody>
</table>

K-Wires, 150 mm

Material: Stainless Steel

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Description</th>
<th>Pieces per Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-5042.21</td>
<td>Ø 1.2 mm, Lancet</td>
<td>10</td>
</tr>
<tr>
<td>A-5040.21</td>
<td>Ø 1.2 mm, Trocar</td>
<td>10</td>
</tr>
</tbody>
</table>

K-Wire Dispenser, 185 mm

Material: Stainless Steel

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Description</th>
<th>Pieces per Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-6010.12</td>
<td>Ø 1.2 mm</td>
<td>1</td>
</tr>
</tbody>
</table>

2.0 – 2.3 Screwdriver, HexaDrive 6

Art. No. A-2610

Handle with Quick Connector, Dental

Art. No. A-2071

2.0 – 2.3 Depth Gauge

Art. No. A-2032

1.2 – 2.3 Drill Guide

Art. No. A-2020

Plate Bending Forceps with Vario Pin

Art. No. A-2040

Instrument Tray with Silicone Inlay

Art. No. A-6020

Instrument Tray

Art. No. A-6025

Lid for Instrument Tray A-6020

Art. No. M-6198
Storage in Perfection

- Modular concept
- Economic and compact system
- Easy to handle
- Streamlined organization of implants and instruments

APTUS Radial Head Plates 2.0
Implant Container (incl. Stickers, empty)
Art. No. A-0450.01

APTUS Radial Head Plates 2.0
Implant Module (excl. Stickers, empty)
Art. No. A-6276

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