Product Overview

A COLSON ASSOCIATE
Acumed® Forearm Fracture Solutions

Acumed Forearm Fracture Solutions includes plating and rodding systems with a range of diaphyseal radius and ulna fracture treatment options. The plates and rods are precontoured to help restore forearm anatomy and reduce intraoperative bending.

By combining midshaft plates and nails for the radius and ulna, Acumed offers multiple surgical options for fractures, fusions, and osteotomies of the forearm, all in one tray.
**System Features**

**Tapered Ends**
Ease insertion and may reduce stress on bone and the risk of re-fracture at both ends of the plate.

**Precontoured Plates**
Designed to help restore radial bow and reduce the need for intraoperative plate bending.

**Low-Profile Design**
The low screw-plate interface is intended to minimize soft tissue irritation.

**Limited Contact Undersurface**
Designed to minimize contact with the periosteum to avoid disruption to the blood supply.

**Approach-Specific Radius Plates**
Plates offer either a dorsolateral or volar approach to radial fractures.

**Precontoured Rods**
Rods are contoured to ease insertion and closely match the geometry of the radial or ulnar canal.

**Fracture Stabilization**
Targeted interlocking screws and a paddle blade tip assist in fracture union by preventing rotation of the bone fragments.
Plate and Rod Families

Dorsolateral Midshaft Radius Plates
6- to 16-hole plates, from 80 to 210 mm

Midshaft Ulna Plates
6- to 16-Hole plates, from 80 to 210 mm

Midshaft Volar Radius Plates
6- to 16-hole plates, from 80 to 210 mm

Ulna Rods
3.0 mm to 3.6 mm, in lengths from 210 mm to 270 mm

Radius Rods
3.0 mm to 3.6 mm, in lengths from 190 mm to 230 mm
System-specific instruments include a swiveling plate clamp, an angled drill guide, and a soft tissue spreader to aid in plate implantation.

- **Plate Clamps**
- **Soft Tissue Spreader**
- **Straightforward, easy to assemble Targeting Guide**
- **Angled Drill Guide**
Midshaft Volar Radius Plate
12-hole plate matches the anatomic curve of the radius

Midshaft Ulna Plate
8-hole plate held securely in place on both sides of the fracture using Acumed plate clamps
**Midshaft Volar Radius Plate**
12-hole plate spanning a highly comminuted gunshot injury

**Ulna & Radius Plates**
Acumed Ulna and Radius plates used to repair a both-bone forearm fracture

**Ulna & Radius Rod**
Both-bone forearm fracture fixation using the Acumed Ulna and Radius rods
For reference only. For full surgical instructions, see the current Forearm Fracture Solutions Surgical Technique.
Surgical Technique Overview

Fracture Site Compression

Locking Screw Insertion

Canal Preparation and Rod Selection

Implant Insertion

Canal Preparation and Rod Selection

Implant Insertion

Postoperative Protocol

Interlocking Screw Insertion

Interlocking Screw Insertion
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**Product in Portfolio**

**Product Not in Portfolio**

**Partial Offering**

**Development**

**Acumed**

**DePuy Synthes**

**Stryker**

**Smith & Nephew**

**Clavicle Plates**

**Hook Plates**

**Anterior Clavicle Plates**

**Scapula Border Plates**

**Glenoid Plates**

**Acromion Plates**

**Clavicle Screws/Pins**

**Proximal Humeral Nails**

**Proximal Humeral Plates**

**Midshaft Plates**

**90/90 Plates**

**Parallel Plates**

**External Fixation**

**Olecranon Plates**

**Coronoid Plates**

**Proximal Ulna Nails**

**Radial Head Plates**

**Radial Head Replacement, Short Stem**

**Radial Head Replacement, Long Stem**

**Ulna Plates**

**Anatomic Midshaft Volar Radius Plates**

**Wrist Spanning Plates**

**External Fixation**

**Carpal Wrist Fusion**

**Nitinol Staples**

**Phalangeal & Metacarpal Hand Fracture Plates**

**MCP Fusion Plates**

**External Fixation**

**Specialty Hand Plates**

**Screws**

**Headless Continuous Compression Differential Pitch**

**Headed Partial Thread**

**Headed Full Thread**
### Upper Extremity Competitor Product Comparison

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#### Shoulder
- Clavicle/Scapula
  - Superior Clavicle Plates
  - Anterior Clavicle Plates
  - Hook Plates
  - Scapula Border Plates
  - Glenoid Plates
  - Acromion Plates
  - Clavicle Screws/Pins

#### Humerus
- Proximal Humeral Nails
  - Proximal Humeral Plates
  - Midshaft Plates

#### Elbow
- Distal Humerus
  - 90/90 Plates
  - Parallel Plates
  - External Fixation

#### Proximal Ulna
- Olecranon Plates
  - Coronoid Plates
  - Proximal Ulna Nails

#### Radial Head
- Radial Head Plates
  - Radial Head Replacement, Short Stem
  - Radial Head Replacement, Long Stem

#### Wrist
- Midshaft Forearm
  - Ulna Plates
  - Anatomic Midshaft Volar Radius Plates
  - Dorsolateral Midshaft Radius Plates
  - Ulna Nails
  - Radius Nails

#### Distal Ulna
- Distal Ulna Plates
  - Ulnar Shortening Plates

#### Distal Radius
- Volar Distal Radius Plates
  - Radial Styloid Plate
  - Dorsal Ram Plates
  - Dorsal Lunate Plates
  - Volar Lunate Plates
  - Wrist Spanning Plates
  - External Fixation

#### Hand
- Wrist Fusion
- Nitinol Staples
- Hand Fracture Plates
- MCP Fusion Plates
- External Fixation
- Specially Hand Plates
- Continuous Compression
- Differential Pitch
- Partial Thread
- Full Thread

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Key Publications
