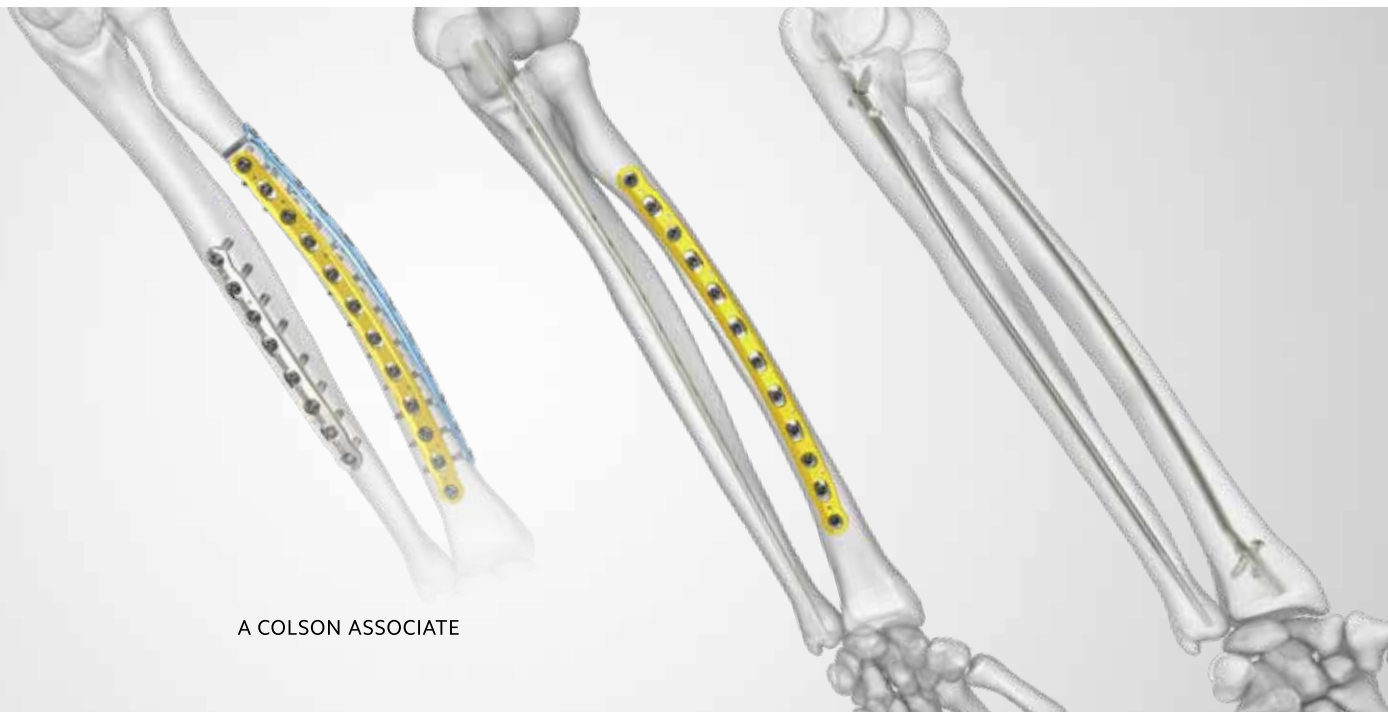


Product Overview



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.



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



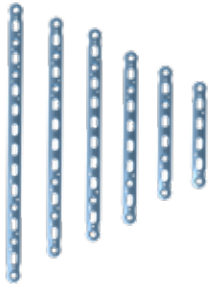
Precontoured Rods

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

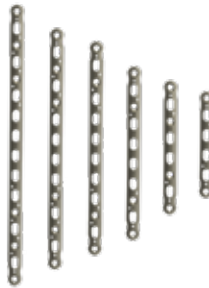
Fracture Stabilization

Targeted interlocking screws and a paddle blade tip assist in fracture union by preventing rotation of the bone fragments

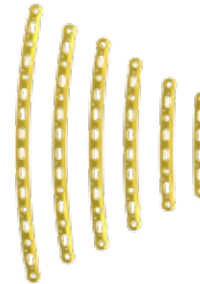
Plate and Rod Families



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



Key Instruments

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

Anatomic
Midshaft
Forearm Plate

Exposure and
Fracture Reduction



Plate Selection
and Placement



Nonlocking
Screw Insertion



Ulna Rod

Preoperative
Planning and
Evaluation



Assemble
Targeting Guide

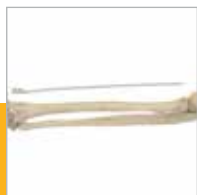


Surgical Approach
and Cortex
Perforation



Radius Rod

Preoperative
Planning and
Evaluation



Assemble
Targeting Guide



Surgical Approach
and Cortex
Perforation



*For reference only. For full surgical instructions, see the current Forearm Fracture Solutions Surgical Technique.

Fracture Site
Compression



Locking
Screw Insertion



Canal Preparation
and Rod Selection



Implant Insertion



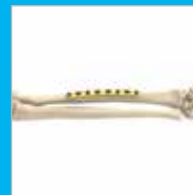
Canal Preparation
and Rod Selection



Implant Insertion



Postoperative
Protocol







Interlocking
Screw Insertion



Interlocking
Screw Insertion



 Product in Portfolio
 Product Not in Portfolio
 Partial Offering
 Product in Development

		Acumed				DePuy Synthes	Stryker	Smith & Nephew
Shoulder	Clavicle/Scapula	Superior Clavicle Plates						
		Anterior Clavicle Plates						
		Hook Plates						
		Scapula Border Plates						
		Glenoid Plates						
		Acromion Plates						
		Clavicle Screws/Pins						
		Proximal Humeral Nails						
		Proximal Humeral Plates						
Elbow	Distal Humerus	Midshaft Plates						
		90/90 Plates						
		Parallel Plates						
	Proximal Ulna	External Fixation						
		Olecranon Plates						
		Coronoid Plates						
		Proximal Ulna Nails						
		Radial Head Plates						
		Radial Head Replacement, Short Stem						
Forearm	Radial Head Replacement, Long Stem	Radial Head Replacement, Long Stem						
		Ulna Plates						
		Anatomic Midshaft Volar Radius Plates						

Wrist	Distal Ulna	Dorsolateral Midshaft Radius Plates	✓	✗	✗	✗
		Ulna Nails	✓	✗	✗	✓
		Radius Nails	✓	✗	✗	✓
	Distal Ulna	Distal Ulna Plates	✓	✓	✗	✓
		Ulnar Shortening Plates	✓	✓	✗	✗
		Volar Distal Radius Plates	✓	✓	✓	✓
	Distal Radius	Dorsal Distal Radius Plates	✓	✓	✓	✗
		Radial Styloid Plate	✓	✓	✓	✗
		Dorsal Rim Plates	✓	✗	✗	✗
		Dorsal Lunate Plates	✓	✗	✗	✗
		Volar Lunate 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	✓	✗	✗	✗
	Headed	Differential Pitch	✗	✓	✓	
		Partial Thread	✓	✓	✓	
	Full Thread	✓	✓	✓	✓	

*Data on file with Acumed



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HNW00-12-A | Effective: 2019/02 | © 2019 Acumed® LLC

Key Publications

1. Rupasinghe S, Poon P. Radius morphology and its effects on rotation with contoured and noncontoured plating of the proximal radius. *J Shoulder Elbow Surg.* 2012;21(5):568-573.
2. Lee S, Kim K, Lee J, Choy W. Plate osteosynthesis versus intramedullary nailing for both forearm bones fractures. *Euro J Ortho Surg Trauma.* 2014;24(5):769-776.

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