

Product Overview



A COLSON ASSOCIATE



Acumed® Acu-Loc® 2 Wrist Plating System

A comprehensive system to treat fractures of the distal radius and distal ulna, the Acu-Loc 2 Wrist Plating System offers Standard, Variable Angle Locking, Fragment-Specific, and Extension Plates to address a variety of fracture patterns. The original Acu-Loc Volar Distal Radius Plate has been a market leader in fracture fixation since its introduction in 2004. The Acu-Loc 2 Wrist Plating System introduced a patented cannulated compression screw and instruments designed to assist surgeons with plate placement and fracture reduction.

Suture Holes
Aid in fixation of small
articular fragments



Frag-Loc® Compression Screw
A two-part cannulated screw designed to
compress dorsal fragments

Proximal and Standard Volar Distal Radius (VDR) Plates

These plates offer intra-articular or extra-articular fracture management while restoring original geometry with a precontoured plate design.

Fixed-angle Screws and Pegs

For targeted subchondral bone support, including two dedicated styloid screws

Fixed-angle Diverging Diaphyseal Screws

Designed to provide pullout resistance

Proximal and Standard Volar Distal Radius (VDR) Plates

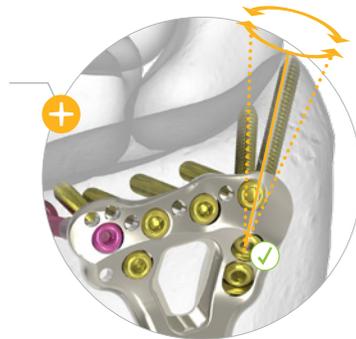
Frag-Loc® Compression Screw

The two-part, cannulated Frag-Loc Compression Screw is designed to reduce dorsal fragments to the Acu-Loc 2 VDR Plates, Distal Radius Fragment Specific (DRFS) Plates, Volar Lunate Suture Plate, Acu-Loc VDR Plates, and Acu-Loc EX Plates



Variable Angle Locking Screws

2.3mm Variable Angle Locking Screws can be used in the distal styloid hole of the Standard VDR Plates and in all of the distal holes of the Proximal VDR Plates



Standard VDR Plate with VAL Screw in distal styloid hole



Proximal VDR Plates



Standard Volar Distal Radius (VDR) Plates



Modular Extension Plate Attachments

Offer surgeons the option to extend any of the long and wide Volar Distal Radius Proximal Plates up to 176 mm



Wrist Spanning Plates

Designed to address complex distal radius fractures, these temporary fixators hold the wrist in distraction and provide ligamentotaxis while the distal radius heals



Modular Extension Plate Attachments

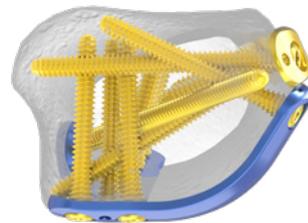


Wrist Spanning Plates

Distal Radius Fragment Specific (DRFS) Plates

Radial Styloid Plate

Two unicortical distal screws diverge to provide subchondral bone support, with one screw targeting the dorsal rim of the sigmoid notch and the other targeting the volar rim.

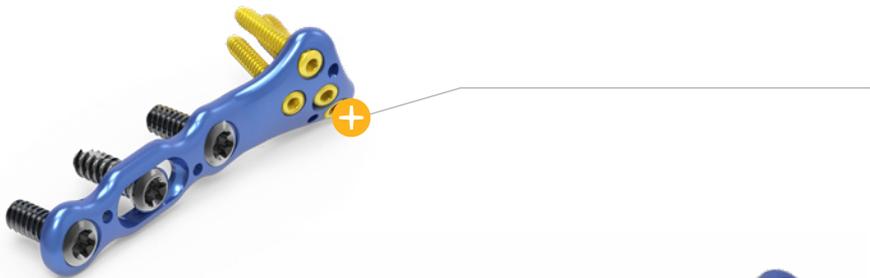


Volar Lunate Suture Plate

Sutures may be placed through the volar capsule and suture holes in the plate for fixation of very small bone fragments in the volar ulnar corner of the radius.



Distal Radius Fragment Specific Plates



Volar Distal Ulna (VDU) Plates

Designed specifically for periarticular fractures of the distal ulna, the plate features screw positioning and angulation that targets distal fragments of the ulnar head and neck.



Dorsal Rim Buttress Plates

The plate is positioned on the dorsal ulnar side of the radius and extends radially to support dorsal rim comminution and the radial styloid.



Dorsal Lunate Plates

Used for stabilizing fracture patterns that involve the dorsal lunate facet of the distal radius and the sigmoid notch, the plates provide support to the lunate facet.

Acu-Loc Dorsal Plates

The locking Acu-Loc Dorsal Plates offer a solution to treat distal radius fractures that need to be addressed from the dorsal side.

Acu-Loc Extra-articular (EX) Plates

2.3 mm locking variable angle screws may be used in the distal row of the Acu-Loc EX Plates. These screws are provided to aid in the capture of specific fragments or to accommodate variations in patient anatomy.



EX Plates



Acu-Loc Dorsal Distal Radius Plate



Kickstand Posts

Threaded plate posts are designed to assist with distal radius volar tilt correction by lifting the proximal end of the plate away from the radial shaft to form a stable platform.

Key Instruments

Cannulated Locking Bolt and Targeting Guide

Patented Radiopaque Positioning Posts aid in plate and screw positioning to avoid the joint space.

VDR Plate Positioning Handle

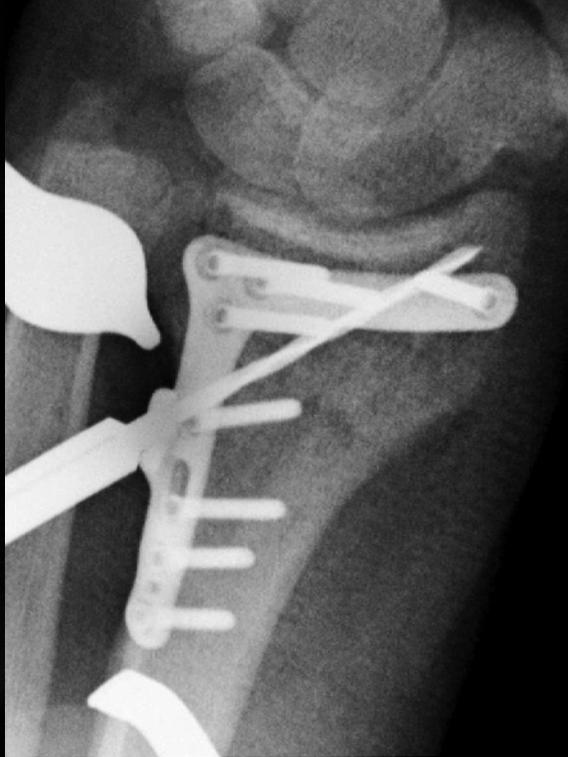
Assists with Acu-Loc 2 VDR plate placement while keeping the surgeon's hands out of the fluoroscopy beam



Acu-Loc 2 DRFS Radial Styloid Plate and Dorsal Lunate Plate
Distal radius fracture, oblique view



Acu-Loc 2 Wrist Plating System
Volar AP view, distal radius fracture,
Acu-Loc 2 volar plate



Acu-Loc DRFS Plates
Dorsal Rim Buttress plate



**Acu-Loc 2 DRFS Volar Suture
Lunate Plate with FragLoc**
Lateral view of scaphoid fracture and
radius fracture, using Acutrak 2® Mini
and Acu-Loc 2



Acu-Loc 2 Volar Plate
Lateral view, distal radius fracture

**Acu-Loc 2 Volar Distal Radius (VDR)
Surgical Technique**

Exposure



Fracture Reduction

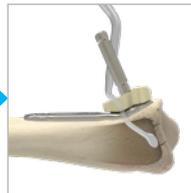


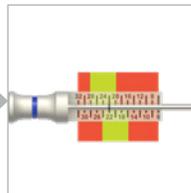
Plate Selection and Placement



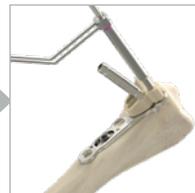
**Drilling
Bicortically**



**Measuring to
Determine
Screw Type**

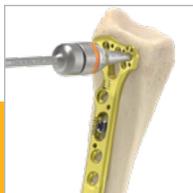


**Drilling
Unicortically**

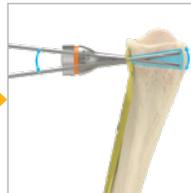


**Frag-Loc®
Compression Screw
Surgical Technique**

**Conical Drill Guide
Placement**



**Drilling Distal
Screws**



**Measuring Distal
Screws**

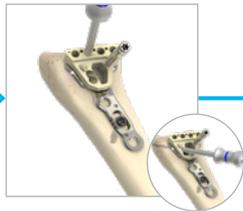


**2.3 mm Locking
Variable Angle Screw
Surgical Technique**

Proximal Screw Placement



Distal Screw Holes



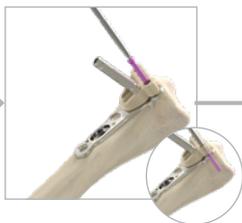
Proximal Screw Placement



Closure and Postoperative Protocol



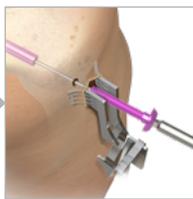
Frag-Loc Sleeve Insertion



Guide Wire (K-wire) Insertion



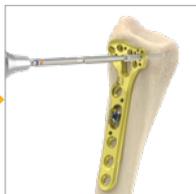
Frag-Loc® Wire Insertion



Final Confirmation



Distal Screw Insertion



Acumed has the most complete selection of upper extremity fixation and specialty plates on the market.*

Wrist Fixation: Acumed vs the Competition

		Acumed	DePuy Synthes	Stryker	Smith & Nephew	Zimmer Biomet	Wright Medical	Arthrex	Medartis	Skeletal Dynamics
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	✓	✓	✗	✗	✗	✓	✗	✓	✗

✓ Product in Portfolio

✗ Product Not in Portfolio

⚡ Partial Offering

⚙ Product in Development

		Acumed	DePuy Synthes	Stryker	Smith & Nephew	Zimmer Biomet	Wright Medical	Arthrex	Medartis	Skeletal Dynamics
Distal Radius	Volar Distal Radius Plates	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Dorsal Distal Radius Plates	✓	✓	✓	✗	✓	✗	✓	✓	✗
	Radial Styloid Plate	✓	✓	✓	✗	✓	✗	✓	✓	✗
	Dorsal Rim Plates	✓	✗	✗	✗	✗	✗	✗	✓	✗
	Dorsal Lunate Plates	✓	✗	✗	✗	✗	✗	✗	✗	✗
	Volar Lunate Plates	✓	✗	✗	✗	✗	✗	✗	✗	✗
	Wrist Spanning Plates	✓	✗	✗	✗	✗	✗	✓	✗	✓
	External Fixation	✓	✓	✓	✓	✓	✗	✗	✗	✗

*US market, as of February, 2018



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Competitor Data Sources

DePuy Synthes website
<https://www.depuyssynthes.com/>

Stryker website
<https://www.stryker.com/us/en/index.html>

Zimmer Biomet website
<http://www.zimmerbiomet.com/>

Wright Medical website
<http://www.wright.com/>

Smith & Nephew website
<https://www.smith-nephew.com/>

Arthrex website
<https://www.arthrex.com/>

Medartis website
<http://www.medartis.com/index.php>

Skeletal Dynamics website
<http://skeletaldynamics.com/>

All websites accessed on May 1, 2018

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