

Product Overview



Acu-Loc® Wrist Plating System
Trusted Over One Million Times



Acu-Loc® Wrist Plating System Trusted Over One Million Times

The Acu-Loc Wrist Plating System is a comprehensive plating system for treating a wide range of fracture patterns. It has a patented screw designed to compress dorsal fragments and innovative instrumentation. These are just a few of the reasons Acu-Loc products are used and trusted by orthopaedic surgeons across the globe.

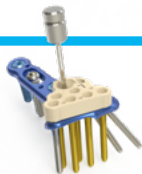
Acu-Loc Milestones

Acu-Loc Volar Distal
Radius Plate Launch

2004



- ▶ The first anatomic volar distal radius plate on the market
- ▶ First to offer a radiolucent monoblock targeting guide



Acu-Loc Plate Extension

2008



- ▶ Launched Dorsal Radius Lock Plates
- ▶ Debuted Volar Distal Ulna Plates
- ▶ Added Extra-Articular Plates



Acu-Loc 2 Launch

2010



- ▶ Advanced instrumentation like a patented target guide and plate positioning handle aid in plate placement and fracture reduction
- ▶ Frag-Loc® two-piece compression screw for reducing difficult dorsal fragments





For more information:
go.acumed.net/1Million
888.627.9957



Acu-Loc 2 Variable Angle
Plating System Launch

2013



▶ Variable Angle Locking Screws allow for a variance of 5 mm dorsally

Extended Screw Option

2020

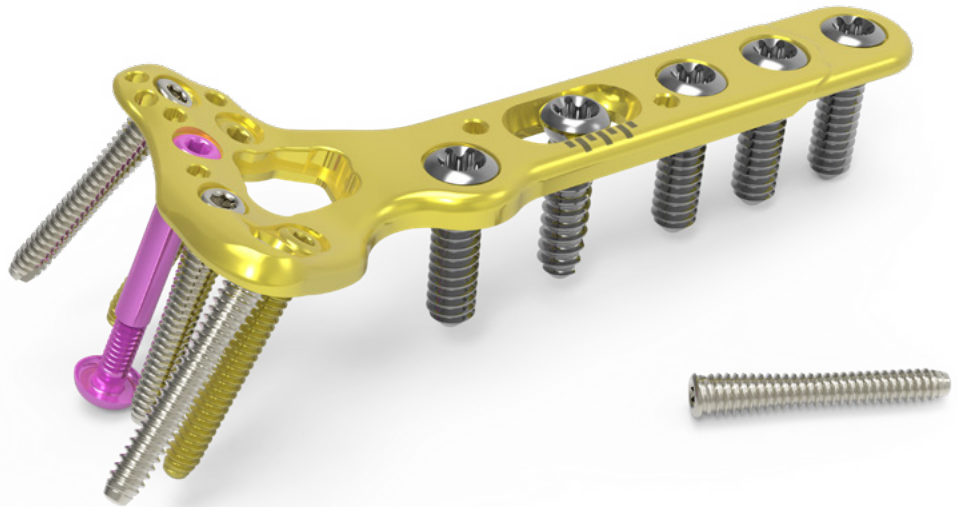


▶ Added 2.7 mm Low-Profile Hexalobe Nonlocking Screws

One Million Implants Sold

2022



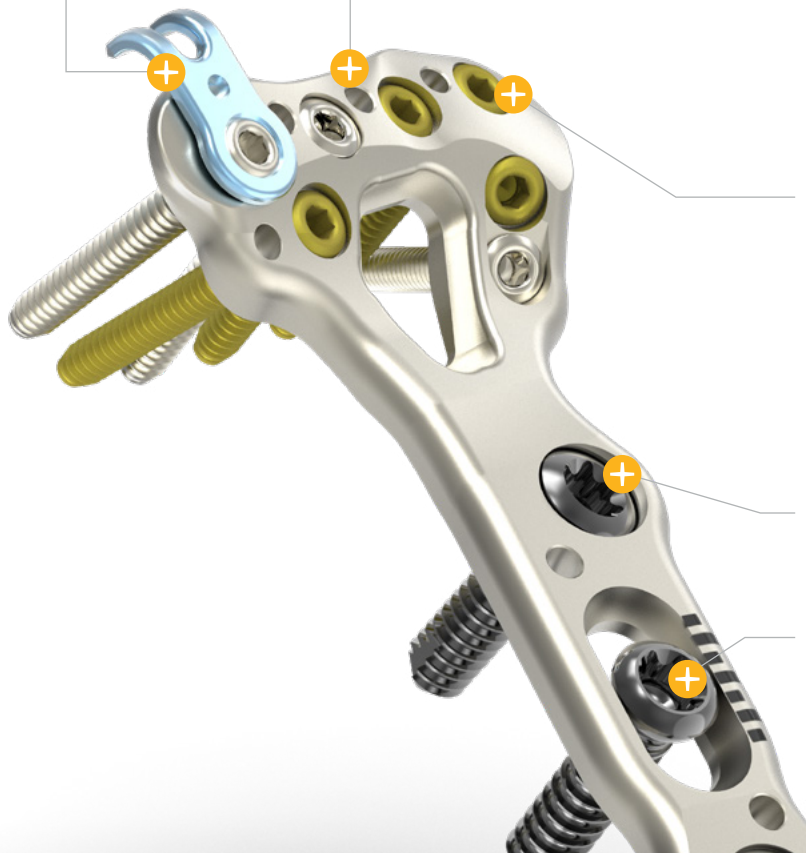


Acumed® Acu-Loc® 2 Wrist Plating System

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 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.

Optional Avulsion Hook Plate
extends fixation to stabilize
distal fragments

Suture Holes
Aid in fixation of small
articular 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.

2.3 mm 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

Streamlined Distal Radius Fixation

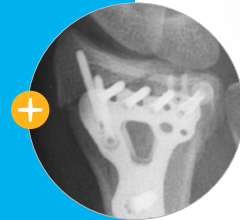
3.5 and 2.7 mm screws are available for the shaft. The 2.7 mm screws use the 2.0 mm Quick Release Drill, designed to streamline distal radius fixation

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

Incorporating the Avulsion Hook Plate provides additional buttress to dorsal rim fragments.



Variable-Angle Locking Screws

2.3 mm 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

Frag-Loc® Compression Screw

A two-part cannulated screw designed to compress dorsal fragments



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



Modular Extension Plate Attachments

Wrist-spanning Plates

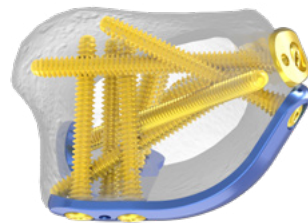
Wrist-spanning Plates

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

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 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, providing support to the lunate facet

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

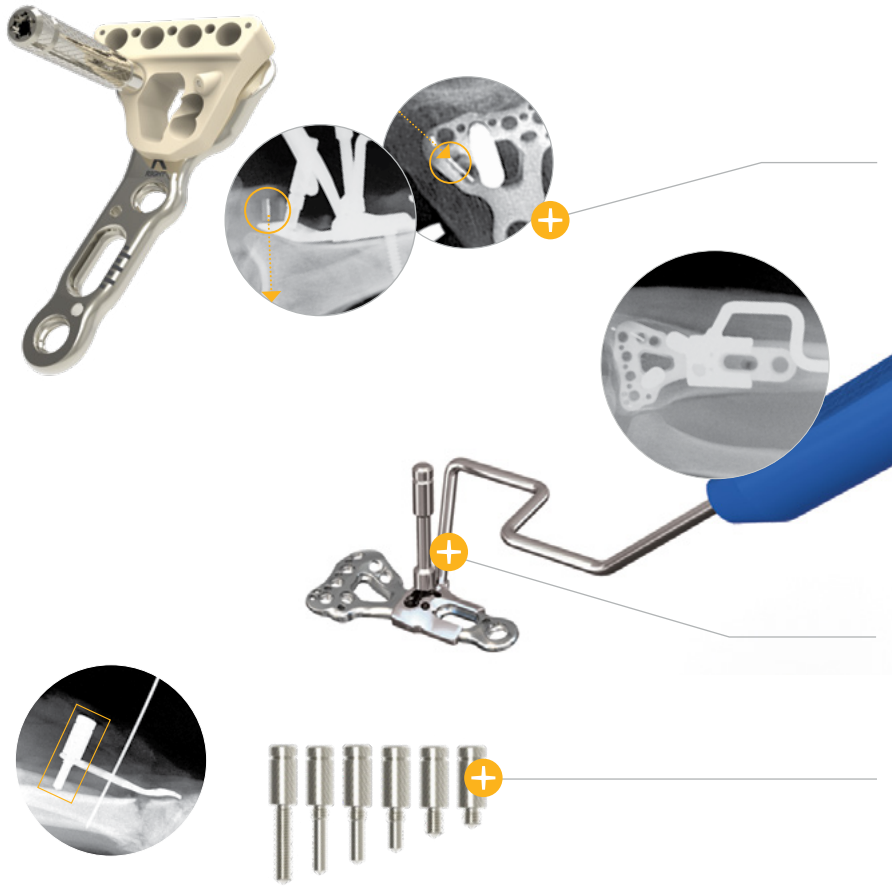
2.3 mm locking variable-angle screws may be used in the distal row of the Acu-Loc EX Plates. These screws are provided to aid in the capture of specific fragments or to accommodate variations in patient anatomy



EX Plates



Acu-Loc Dorsal Distal Radius Plate



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

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



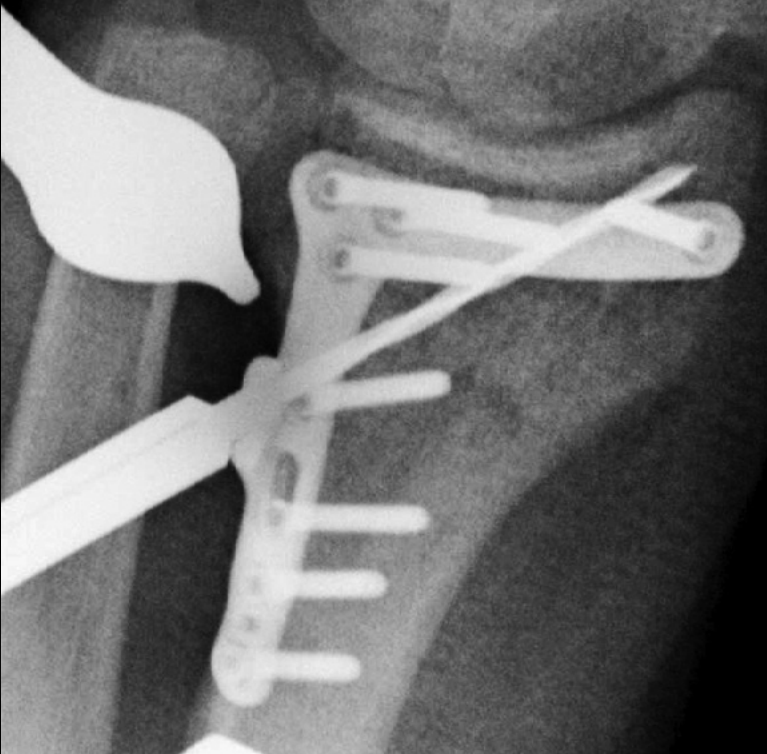
Acu-Loc 2 Volar Plate and Avulsion Hook Plate

Lateral view, distal radius fracture with
volar ulnar corner fragment



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



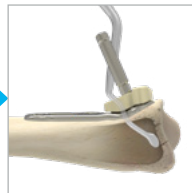
Acu-Loc 2 DRFS Radial Styloid Plate and Dorsal Lunate Plate
Distal radius fracture, oblique view

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

Exposure



Fracture Reduction



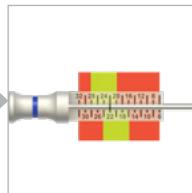
**Plate Selection and
Placement**



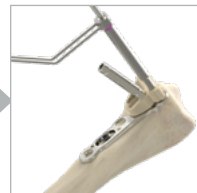
**Drilling
Bicortically**



**Measuring to
Determine
Screw Type**



**Drilling
Unicortically**

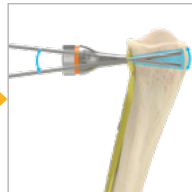


**Frag-Loc®
Compression Screw
Surgical Technique**

**Conical Drill Guide
Placement**



**Drilling Distal
Screws**



**Measuring Distal
Screws**

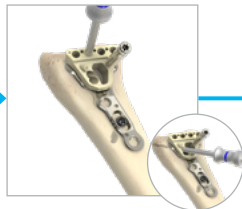


**2.3 mm Locking
Variable-Angle Screw
Surgical Technique**

Proximal Screw Placement



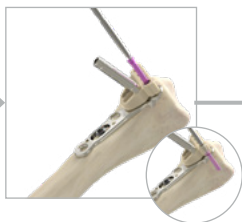
Distal Screw Holes



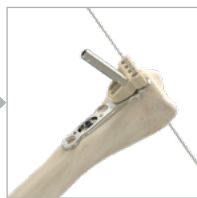
Proximal Screw Placement



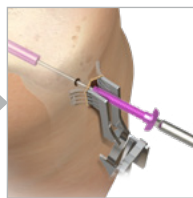
Frag-Loc Sleeve Insertion



Guidewire (K-wire) Insertion



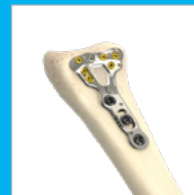
Frag-Loc® Wire Insertion



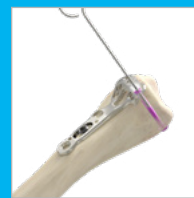
Distal Screw Insertion



Closure and Postoperative Protocol



Final Confirmation





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