

# ARIX WRIST SYSTEM

## ARIX Volar Distal Radius Locking Plate System

### 1. Plate

- A. Low Profile Plate Design → Minimized contact with tendons to reduce patients' pain and irritation



▲Low profile plate design to prevent tendon irritation

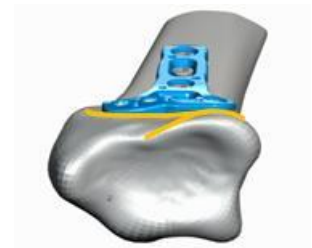
- B. Based on Korean Bone Statistics Data

→ Anatomically Contoured Design to fit Korean women (>50Yrs) perfectly

- C. Anatomically Twisted Distal End Design for best fit on the Distal Radius



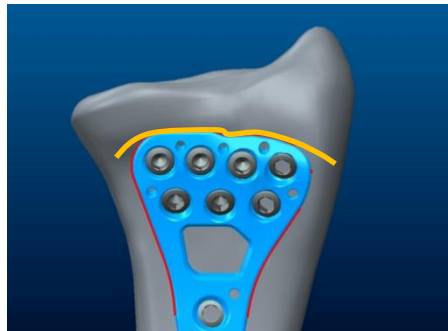
▲Anatomically Contoured



▲Anatomically Twisted

- D. Holes on the plates are compatible both Cortical Screws and Locking Screws

- E. Smoothed Edge Design for not intruding Watershed Line → minimal contact to encourage bone regeneration



▲Watershed Line(Yellow Line) & Smooth Edge Design

- F. Set consist of 3 Different widths(Medium/Large/Wide) and various lengths



▲Medium/Large Plates

\*Currently 2 types of plates(depending on the length) are available; others will be coming soon.

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### G. Plates List


Model	Desc.	Insurance Cost	Code		
25-DVRA-109-R	Medium, 46mm, 9 Holes, Right				
25-DVRA-109-L	Medium, 46mm, 9 Holes, Left				
25-DVRA-111-R	Medium, 73mm, 11 Holes, Right				
25-DVRA-111-L	Medium, 73mm, 11 Holes, Left				
25-DVRA-209-R	Large, 46mm, 9 Holes, Right				
25-DVRA-209-L	Large, 46mm, 9 Holes, Left				
25-DVRA-211-R	Large, 73mm, 11 Holes, Right				
25-DVRA-211-L	Large, 73mm, 11 Holes, Left				
25-DVRA-309-R	Wide, 46mm, 9 Holes, Right			Coming Soon	
25-DVRA-309-L	Wide, 46mm, 9 Holes, Left				
25-DVRA-311-R	Wide, 73mm, 11 Holes, Right				
25-DVRA-311-L	Wide, 73mm, 11 Holes, Left				

## 2. Screw

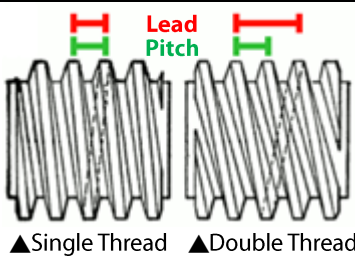
A. 2.5 Ø Self-Tapping Screw → Double-thread to reduce insertion time by 50%



▲ Locking Screw



▲ Cortical Screw

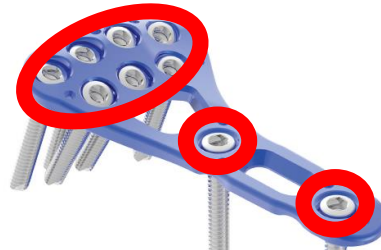


	Pitch	Lead
<b>JEIL</b> (Double Thread, Locking/Cortical)	0.6 mm	1.2 mm
Other (Single Thread, Locking)	0.6 mm	0.6 mm

▲ Single Thread    ▲ Double Thread

\* 2x Lead in the same Pitch  
 → 2x Lead per 1 rotation  
 → reduce insertion time by 50%

B. Minimal screw head prominence in a plate → reducing Soft Tissue Irritation



### C. Screws List

#### i. Cortical Screws

Model	Length	Insurance Cost	Code
25-HF-008	8mm		
25-HF-010	10mm		
25-HF-012	12mm		
25-HF-014	14mm		
25-HF-016	16mm		
25-HF-018	18mm		
25-HF-020	20mm		
25-HF-022	22mm		
25-HF-024	24mm		

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### ii. Locking Screws

Model	Length	Insurance Cost	Code
25L-HF-008	8mm		
25L-HF-010	10mm		
25L-HF-012	12mm		
25L-HF-014	14mm		
25L-HF-016	16mm		
25L-HF-018	18mm		
25L-HF-020	20mm		
25L-HF-022	22mm		
25L-HF-024	24mm		

### 3. Instrument

#### A. Drill Guide Block: More thicker than compared to others

→ can offer better guiding, can be fastened more stably on the plate.

Model	Desc.
112-25-301	Drill Bit for 2.5mm screws, Ø2.0mm, Drilling length 30mm, length 110mm, J-Latch
111-080	Variable Angle Drill Guide for Ø2.0mm drill bit
111-084	Fixed Angle Drill Sleeve for Ø2.0mm drill bit
111-081-L	Drill Guide Block, Small, Left
111-081-R	Drill Guide Block, Small, Right
111-082-L	Drill Guide Block, Medium, Left
111-082-R	Drill Guide Block, Medium, Right
111-083-L	Drill Guide Block, Large, Left
111-083-R	Drill Guide Block, Large, Right
111-075	Depth Gauge for 2.5mm screws
113-HF-607	Hexagonal Screwdriver Shaft
111-010	Screwdriver Handle
BD-05	Grasping Forceps

### 4. Future Upgrade Plan

#### A. The ARIX Volar Distal Radius Locking Plate System will be upgraded consistently, based on your opinion, review, and requests. Currently, Planned upgrades are as follows:

- i. Ratchet Handle & Torque limiter
  - ⇒ will provide Ratchet handle and Torque limiter, to prevent smudging screw-head, and to help surgeons to easily and efficiently inserting screws.
- ii. Reduction Forceps
  - ⇒ will upgrade the Reduction Forceps, to reduce OR Time and to enhance OR convenience and safety
- iii. Removal Instrument Kit
  - ⇒ will provide a (reverse-rotation) screw removal instrument kit, to help in case of removing the head-smudged-screws.
- iv. Various Plate Length (Some exceptional case might need plates with different lengths)
  - ⇒ will prepare various types of plates, and they'll be ready in your hand, just in time.



▲ Conventional Plate (short, left) & Plates under development (right)