

2.4 mm VA LCP® Two-Column Volar Distal Radius Plate

Evidence Summary

PROVEN PERFORMANCE

Collectively, the DePuy Synthes Locking Distal Radius Plate systems have been on the market for over 15 years, with more than 2 million implants sold into 132 countries.¹

A systematic literature review of 74 clinical studies was conducted;² studies with less than 5 patients were excluded.

- The literature review included 3,194 patients
- Indications represented intra- and extra-articular distal radius fractures. Patients originated from 20 different countries. Three studies used multiple locations, thus making this population representative of worldwide use of the target devices
- **Mean healing rate ranged from 95.7% to 100%³**

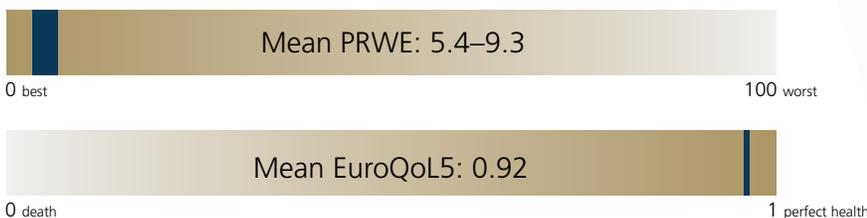


STABLE FIXATION ACHIEVED WITH JUST ONE ROW OF DISTAL SCREWS

A prospective case series⁴ using the **2.4 mm VA LCP® Two-Column Distal Radius Plate** in six study centers in the United States, Germany, Switzerland, and Austria included 66 patients. The aim of this study was to compare radiological and clinical outcomes following treatment with single and double rows of distal screws, immediately postoperative vs 1-year postoperative.

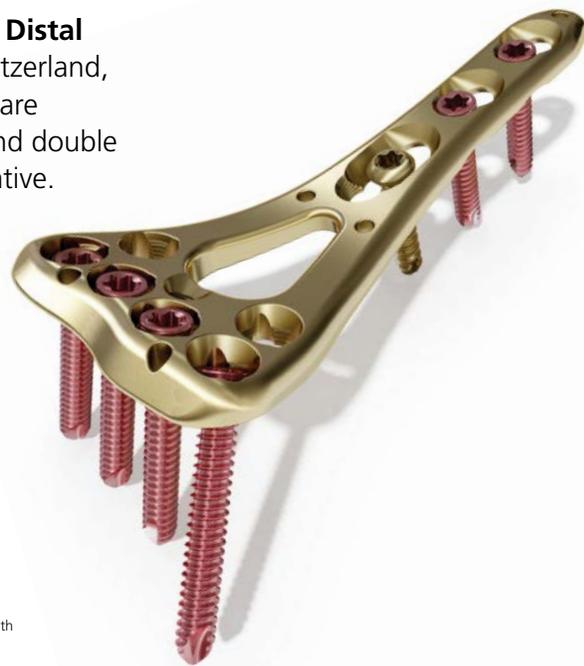
- **Union rate 98.6%**⁴

One-year postoperative **Pain and Function (PRWE*)** as well as **Quality of Life Scores (EuroQoL5)** independent of fixation with one or two distal screw rows:



*PRWE: Patient-rated Wrist Evaluation score.

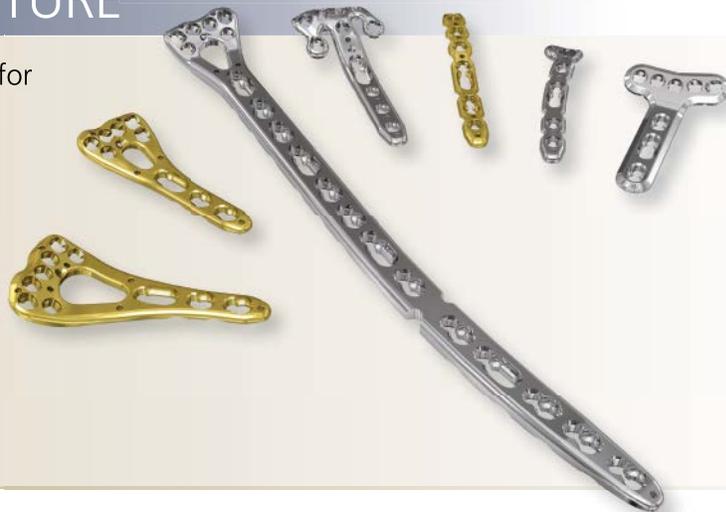
The authors concluded that only limited radiographic change can be expected after VA LCP® Two-Column Distal Radius Plate fixation of intra-articular fractures and **suggest routinely using only one distal screw row** – in principle, limiting cost, operating time, and misplacement of screws.



PORTFOLIO FOR EVERY FRACTURE

The most comprehensive portfolio to meet your needs for distal radius fracture treatment, with 132 plate choices, and comprehensive instrument and implants available in both stainless steel and titanium.⁵

Implants and instrument sets are also offered in ready-to-use sterile versions.



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Note: For recognized manufacturer, refer to the product label.

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References

1. DePuy Synthes Sales Analysis 2000-2016.
2. DePuy Synthes CER Study Report 2017, CER #0000237771, included studies from 1995-2017.
3. Analysis of CER Study #0000237771. Information available on DePuy Synthes Data Extraction Table windchill #0000249870.
4. Teunis T, Jupiter J, Schaser KD, et al. Evaluation of radiographic fracture position 1 year after variable angle locking volar distal radius plating: a prospective multicentre case series. *J Hand Surg Eur Vol.* 2017;42(5):493-500.
5. DePuySynthes Competitive Analysis 2019.

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