

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 in 132 countries.¹

A systematic literature review of 74 clinical studies was conducted²; 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.

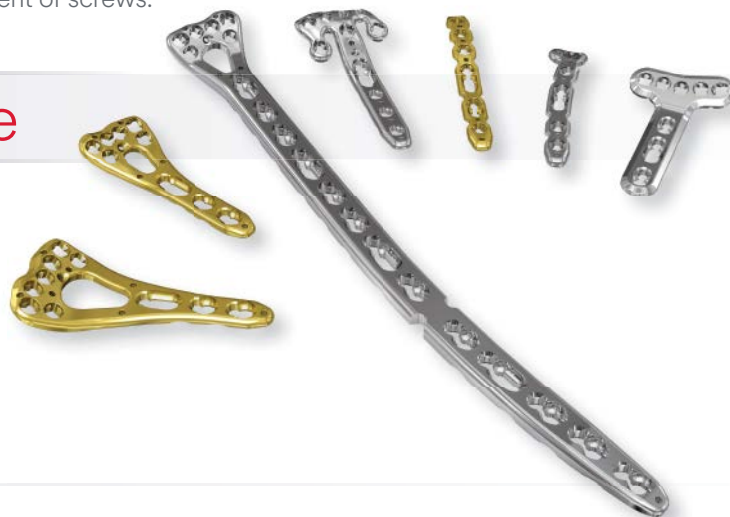
The authors concluded that only limited radiographic change can be expected after VA LCP™ Two-Column Distal Radius Plate fixation of intra-articular fractures and **suggest routinely using only one distal screw row**—in principle, limiting cost, operating time, and potential misplacement of screws.



Portfolio for Every Fracture

A 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.



Manufactured or distributed by:
Synthes USA Products, LLC
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West Chester, PA 19380

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Synthes GmbH
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To order (USA): 800-523-0322
To order (Canada): 844-243-4321

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

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References

1. DePuy Synthes, Sales Analysis 2000-2016.
 2. DePuy Synthes, Windchill Document #500452363, Distal Radius Plates_CER, Mar 2022.
 3. DePuy Synthes, Windchill Document #500452363, Analysis of Distal Radius Plates_CER, Data Extraction Table, Mar 2022.
 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. DePuy Synthes, Competitive Analysis 2019.
- CAUTION: Federal Law restricts these devices to sale by or on the order of a physician.

Some devices listed in this value summary may not have been licensed in accordance with Canadian law and may not be for sale in Canada. Please contact your sales consultant for items approved for sale in Canada.

Not all products may currently be available in all markets.

Please refer to the instructions for use for a complete list of indications, contraindications, warning, and precautions.