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PRECISION IN FIXATION

PRODUCT INFORMATION

# Distal Ulna System 2.5



**APTUS** Wrist

The APTUS Distal Ulna System 2.5 provides surgeons with a versatile and anatomical solution to treat distal ulna fractures, from the simple extraarticular fractures to the most complex intraarticular head fractures.

### General plate features

- TriLock – multidirectional ( $\pm 15^\circ$ ) and angular stable locking technology
- Consistent screw diameter of 2.5 mm for intraoperative simplicity
- Plates are compatible with the screws and instruments of the APTUS Distal Radius System 2.5

## Extraarticular Fractures      Complex Head Fractures

Anatomical plate design, easy to bend for the desired fit

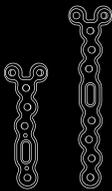
Anatomically precontoured plate design and low plate profile

K-wire holes to assist with temporary plate fixation

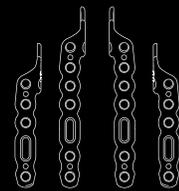
Oblong hole for variable plate positioning

Plate thickness in the shaft of 1.6 mm to 1.4 mm distally for soft tissue protection

Multiple distal screw fixation options for a good support and fixation of complex head fractures



Two plate lengths to address individual fracture patterns



Two plate lengths to address individual fracture patterns

# Ulnar Styloid Fractures

## Clear benefits for surgeons

Patented SpeedTip thread design

- Functionally unique cutting with immediate bite <sup>1</sup>
- Immediate cutting of the bone with only slight axial pressure
- The triangular tip design permits simultaneous drilling, tapping and compression of the bone tissue during insertion for increased pull-out stability <sup>2,3</sup>
- Reduced insertion torque thanks to the polygonal tip and tapered shaft



Ulnar styloid fracture  
CCS 2.2, 3.0

## Self-holding across all screw sizes

Patented HexaDrive screw head design

- Simplified screw pick-up due to patented self-holding technology
- Increased torque transmission



Self-holding  
properties between  
screw and screwdriver



<sup>1</sup> Spiegel, A.; Pochlatko, N.; Zeuner, H.; Lang, A.: Biomechanical Tests of Different Cannulated Compression Screws (on file; Medartis AG, Switzerland)

<sup>2</sup> Heidemann, W.; Terheyden, H.; Gerlach, K. L.: Analysis of the osseous / metal interface of drill free screws and self-tapping screws (Journal of Cranio-Maxillofacial Surgery, 2001, 29, 69 – 74)

<sup>3</sup> Heidemann, W.; Terheyden, H.; Gerlach, K. L.: In-vivo-Untersuchungen zum Schrauben-Knochen-Kontakt von Drill-Free- Schrauben und herkömmlichen selbstschneidenden Schrauben (Mund Kiefer GesichtsChir 5 2001: 17 – 21)

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