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PRECISION IN FIXATION

PRODUCT INFORMATION

Minimally Invasive Surgery

Extension of the Distal Radius System 2.5



APTUS Wrist

Minimally Invasive Surgery

Small incisions for better cosmetic appearance.

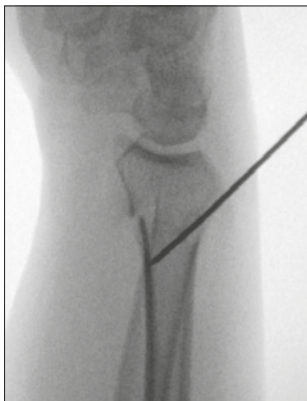
A minimally invasive approach results in preservation of periosteal blood supply and less scarring as the soft tissue is preserved¹. Other advantages include reduced scar pain, better scar appearance and patient satisfaction². For this reason, the APTUS Distal Radius System 2.5 has been enhanced by a targeted volar fracture plate.

With the clinical needs for minimally invasive technique in mind, the plate features a narrow distal design to allow for a

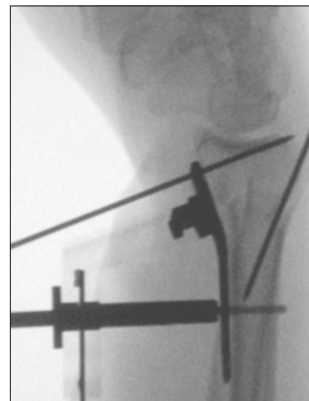
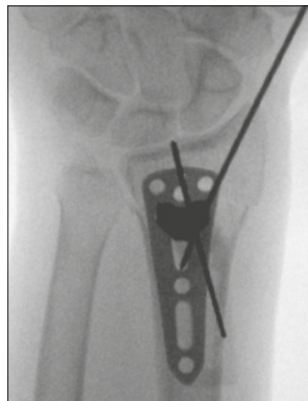
short transverse incision. Proximally, the tapered plate end and chamfered edges facilitate insertion. The symmetrical plate design fits on the left as well as on the right distal radius. Easy to use instrumentation with a specifically developed aiming device allows for the guided insertion and fixation of the plate through small incisions.

The plate is fully compatible with the screws and instruments of the APTUS Wrist Distal Radius System 2.5.

Case Examples



Intraoperative X-rays with temporary K-wire fixation



Intraoperative X-ray with screw insertion through the aiming device



Postoperative X-ray control



Preoperative X-rays



Postoperative X-ray control



Guided insertion with the aiming device.

Clinical Benefits

Narrow plate design allows for minimally invasive insertion and fixation procedure.

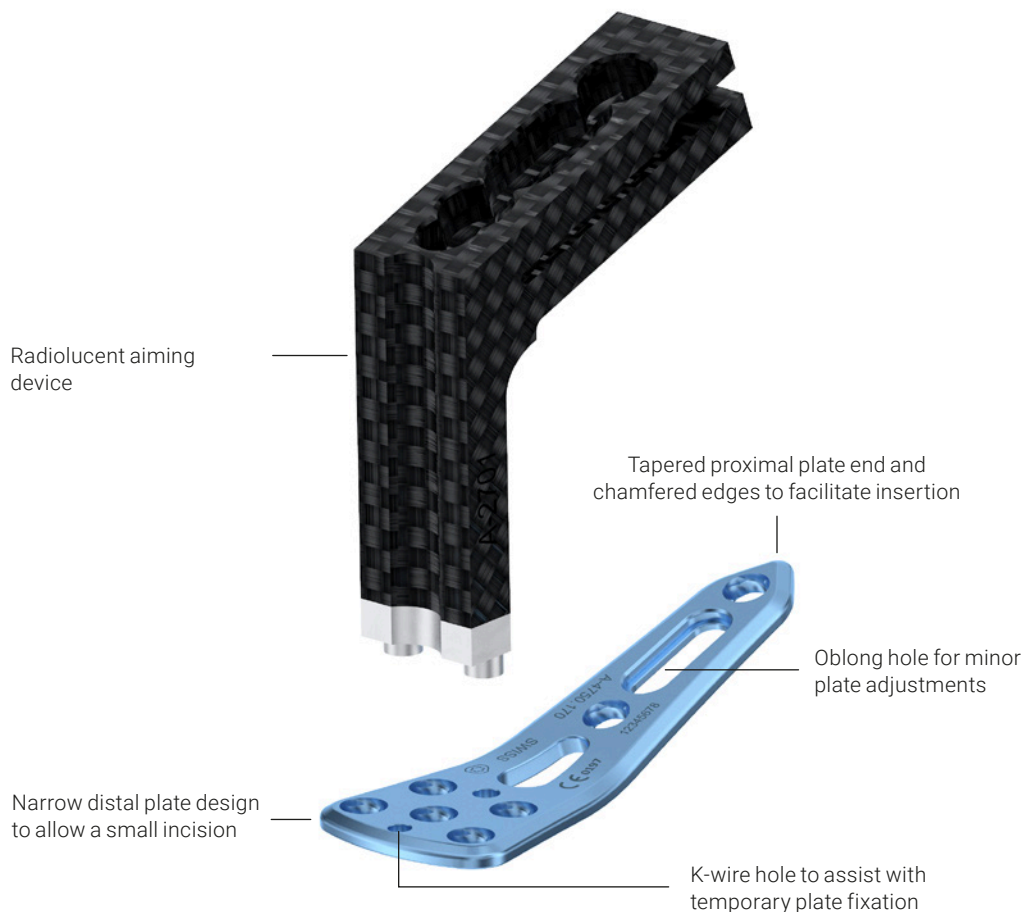
Specifically designed aiming device (radiolucent)

- helps to insert and position the plate
- provides guidance when inserting the proximal screws

Plate Features

TriLock – multidirectional angular stability of $\pm 15^\circ$ in all directions and in each screw hole ^{*}.

Low plate profile, rounded edges and a smooth surface for soft tissue protection.



*Exception: oblong hole

1. Dong-Yeong Lee et al.; A Meta-analysis of Studies of Volar Locking Plate Fixation of Distal Radius Fractures: Conventional versus Minimally Invasive Plate Osteosynthesis. *Clinics in Orthopedic Surgery* 2019;11:208–219
2. Zhang X, Huang X, Shao X, Zhu H, Sun J, Wang X; A comparison of minimally invasive approach vs conventional approach for volar plating of distal radial fractures. *Acta Orthop Traumatol Turc* 2017;51(02):110–117

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