

ChM produces and distributes advanced medical solutions in 3 main divisions:



Comprehensive portfolio of products for traumatology, including systems designed for fractures fixation and deformities correction of extremities and pelvis.



Wide range of advanced solutions for cervical and thoraco-lumbar stabilization of spine, including pedicle screw systems for open and MIS procedures, various interbody devices and fixation plates.

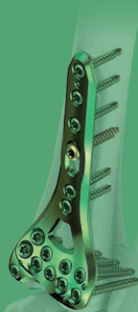


Instruments and implants for cranio-maxillofacial surgeries, dedicated for fracture fixations, reconstructions, distractions and orthognathic surgeries.



DISTAL RADIUS VOLAR PLATES

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To bring medical solutions



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DISTAL RADIUS VOLAR PLATES



DISTAL RADIUS VOLAR PLATES

Design aligned with anatomy

- optimized anatomical profile
- fit to a wide range of anatomies
- facilitated anatomical reduction
- „watershed line“ profile

Multiple plate options

- system consists of 2 types of plates:
 - with styloid process extension
 - without extension
- 3 widths and 2 lengths for optimal anatomical match

Plate with extension

- facilitated anatomical alignment of styloid process fragments
- reduced thickness of the extension to limit the soft tissue irritation
- extra screw in extended part

Plate window

- fracture site visualization
- fragment manipulation
- bone grafting

Chamfered plate borders

- minimized soft-tissue irritation
- improved stress distribution

Bottom undercuts of the shaft part

- limited bone-to-plate contact
- better blood circulation of periimplant tissues

Beveled tip

- easy percutaneous insertion

Up to 7 proximal screws in double row

- first row for support of articular surface
- second row for additional stabilization and complete fixation
- first row screws direction parallel to articular surface for direct subchondral insertion
- enhanced fixation in multi-fragment fractures

2 inclined screws

- for styloid process stabilization

Aiming block

- fast, collision-free insertion of screws in pre-determined directions

Locking hole design

- the screws heads do not protrude above the surface of the plate what significantly reduces tissue irritation
- increased strength of the screw-to-plate threaded connection
- bottom extrusion reduces surface contact area with the bone

Compression hole

- oblong hole for plate positioning
- compression in two directions possible

K-wire holes

- provisional plate positioning
- mimic periarticular screws trajectory

Multiple screw options

- non-locking, locking and VA locking screw gives multiple configuration for individual cases

Variable-Angle screws

- high strength cobalt alloy material
- compatible with all locking holes
- 30° angulation cone
- VA screw re-lock possibility

