

ChM produces and distributes advanced products in 3 main divisions:



Comprehensive portfolio of products for traumatology. Including systems designed for fractures fixation, deformity corrections associated with extremities and pelvis.



Wide range of advanced products for cervical and thoraco-lumbar stabilization of spine. Including pedicle screws systems for open and MIS procedures, various interbody devices and plates.



Medical devices and implants for crano-maxillofacial. Dedicated for fracture fixations, reconstructions, distractions and orthognathic surgeries.

PROXIMAL HUMERUS PLATES

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To bring medical solutions

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PROXIMAL HUMERUS PLATES



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Design aligned with the anatomy

- optimized anatomical profile
- fit to a wide range of anatomies
- facilitate anatomical reduction

Reinforced long plates

- increased shaft thickness
- dedicated for fractures extending to shaft

Tapered plate thickness

- minimize soft-tissue irritation in epiphysis
- high plate strength in the shaft and metaphysis

Chamfered plate borders

- minimize 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

9 anatomically directed proximal screws

- enhanced grip in osteoporotic bone
- enhanced fixation in multi-fragment fractures

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
- proximal holes combined with suture cuts

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

