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

ChM TRAUMA

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

ChM SPINE

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.

ChM CRANIO FACIAL

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

PROXIMAL **HUMERUS** PLATES

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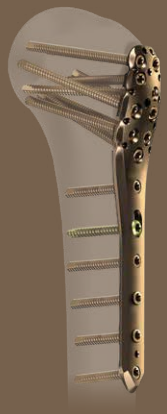

To bring medical **solutions**

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ChM® TRAUMA

PROXIMAL HUMERUS PLATES

5.0 ChM Locked Plating ChLP system

ChM Locked Plating
ChLP system

PROXIMAL HUMERUS
PLATES

Design aligned with anatomy
- optimized anatomical profile
- fit to a wide range of anatomies
- facilitated anatomical reduction

Reinforced long plates
- increased shaft thickness
- dedicated for fractures extending to shaft

Tapered plate thickness
- minimized soft-tissue irritation in epiphysis
- high plate strength in the shaft and metaphysis

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

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

Design aligned with anatomy

K-wire holes

Bottom undercuts of the shaft part

Variable-Angle screws

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