

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.



PROXIMAL LATERAL TIBIA PLATES

3.4011.6xx; 3.4012.6xx



To bring medical solutions

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PROXIMAL LATERAL TIBIA PLATES



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Design aligned with anatomy

- optimized anatomical profile
- fit to a wide range of anatomies
- facilitated anatomical reduction
- posterior tilt of the plate head related to tibia plateau angle

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

6 proximal screws in double row

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

3 kickstand screws

- enhanced plate and fixation stability
- screws directed anteriorly and posteriorly

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
- proximal holes combined with suture cuts

Multiple screw options

- non-locking, locking and VA locking screw gives multiple configuration for individual cases
- each locking hole accepts all types of screws

Variable-Angle screws

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

