

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 MEDIAL TIBIA PLATES

3.4039.6xx; 3.4040.6xx



DISTAL MEDIAL TIBIA PLATES



To bring medical solutions

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DISTAL MEDIAL TIBIA PLATES

Design aligned with anatomy

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

Distal tab

- independent screw for additional medial malleolus fixation
- undercut facilitating shaping

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

8 anatomically directed distal screws

- support of articular surface
- 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

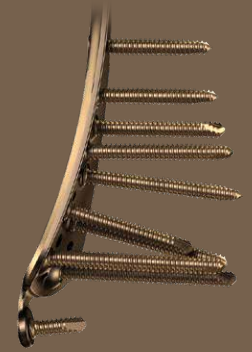
- provisional plate positioning

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

Aiming block

K-wires holes

Variable-Angle screws