

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.



POSTERIOR TIBIA PLATES

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POSTERIOR T I B I A P L A T E S



To bring medical solutions

POSTERIOR TIBIA PLATES

Design aligned with anatomy

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

Multiple plate options

- system consists of 2 types of plates:
 - - narrow
 - - wide
- different variants of length

Plate window

- fracture site visualization
- fragment manipulation
- bone grafting

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

2 anatomically directed proximal screws

- support of articular surface
- direction parallel to tibia plateau for direct subchondral insertion
- diverging screws for complete support of tibia plateau

2 kickstand screws

- enhanced plate and fixation stability

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

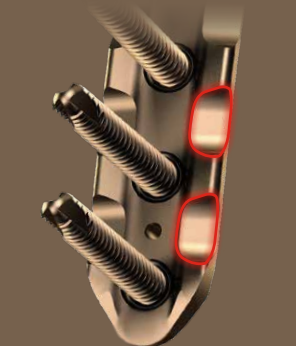
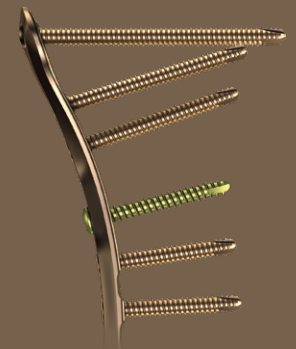
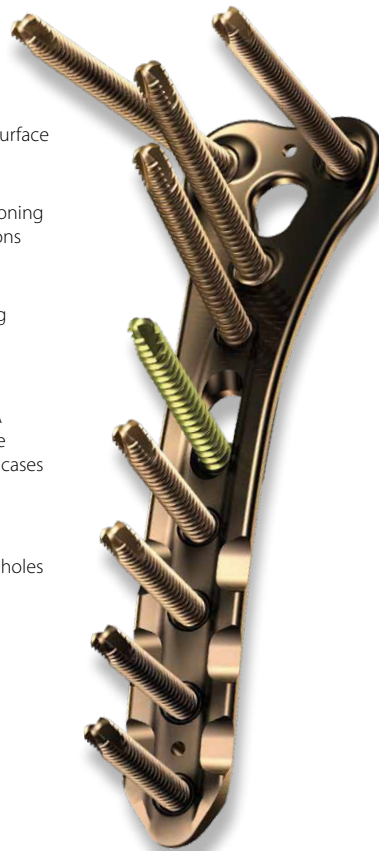
- provisional plate positioning
- mimic periarticular screws trajectory

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



Design aligned with anatomy

Plate window

Bottom undercuts of the shaft part

Variable-Angle screws