

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

ChM[®]
SPINE

ChM[®]
TRAUMA

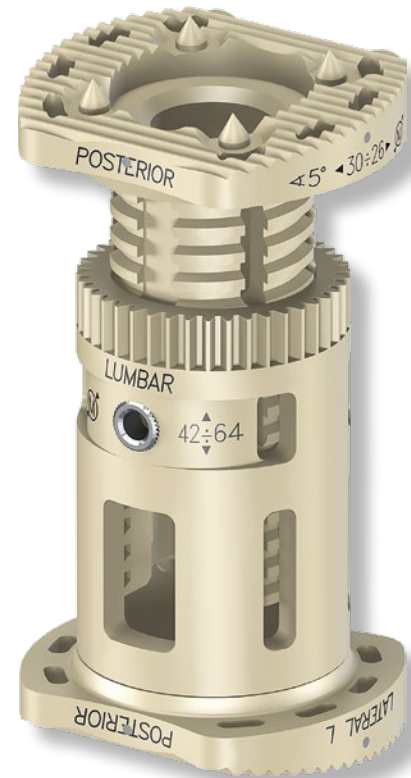
Comprehensive portfolio of products for traumatology, including systems designed for fractures fixation and deformities correction of extremities and pelvis.

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.



VERTEBRAL BODY REPLACEMENT SYSTEM

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To bring medical
solutions

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VERTEBRAL BODY REPLACEMENT SYSTEM

CHARSPINE *system* **VBR**
Vertebral Body Replacement System

VERTEBRAL BODY REPLACEMENT SYSTEM

Design aligned with anatomy

- anatomically shaped endplates
- different surgical approaches (anterior, anterolateral, lateral, posterior) applicable
- made of biocompatible PEEK with elastic modulus similar to that of normal human bone
- open design for best bone osteosynthesis

A wide range of implants

- adapted to different anatomical structures
- heights range from 25 to 100mm
- endplates available in three dimensions and four angular varieties (10 different lordosis and kyphosis angles possible)

Safety

- endplates with a serrated surface and four spikes for increased stability
- self-locking mechanism against in vivo uncontrolled height reduction
- smooth height change based on a durable screw mechanism
- quick and easy intraoperative assembly and disassembly
- 8 radiopaque tantalum markers for precise verification of implant position

