

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

ChM[®]

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.



RADIAL HEAD PROSTHESIS

7.3696.010÷014
7.3697.010÷014
7.3698.010÷014
4.3692.010÷014
4.3693.010÷014
4.3694.010÷014

4.3690.000
4.3691.000



RADIAL HEAD PROSTHESIS



To bring medical
solutions

RADIAL HEAD PROSTHESIS

Heads of radial head prosthesis

- available in 9 sizes (3 diameters: 20, 22, 24 mm and 3 heights: 10, 12, 14 mm)
- convex spherical surface enables cooperation with the surface of radial notch of ulna
- concave spherical surface cooperates with the surface of humerus capitulum
- the socket of ball joint provides steady fixation of the stem (click!), which allows the intraoperative assembly of the prosthesis

Stems of radial head prosthesis

- available in 2 variants depending on the injury scope/ radial head resection
- for use with bone cement
- transverse grooves in the intramedullary part stabilize the stem in the cement coat
- flattening in the intramedullary section prevent rotation
- surface finishing, which protect the cement coat from damaging

Indications for the radial head prosthesis:

- dislocation of the elbow joint together with radial head fracture (Type IV)
- injury of medial or lateral collateral ligament
- Monteggia type injury with the olecranon and radial head fracture
- fracture of the major part of coronoid process (Types II and III)
- coexisting injury of radioulnar joint (Type Essex-Lopresti) or injury of the interosseous membrane
- complex injury and instability – as a combination of the above

The benefits:

- stabilization of the elbow joint
- bipolarity enables rotational movements and radial head tilting to the sides in a range of 30° (prosthesis self-centering on capitulum of the humerus)
- prosthesis modularity allows to select the proper size of head and stem, depending on the size of trauma / radial head resection, indications and patient's anatomy

ChM[®]

www.chm.eu



Solid head:

- made of UHMWPE
- available in sterile condition (sterilization with hydrogen peroxide)



Modular head:

- modular design includes a cap made of CoCrMo and an insert made of PEEK Optima Wear Performance
- supplied in an assembled state (cap + insert), sterile (radiation sterilization)



Standard stem:

- interlocking collar prevents the stem from settling in medullary canal and from disconnecting from the head-stem system
- short intramedullary section facilitates the implantation in narrow surgical field



Angular (reconstructive) stem:

- anatomical angle bend of the radial head
- applied in case of more extensive injury/resection
- longer intramedullary section provides better stabilization in the medullary canal