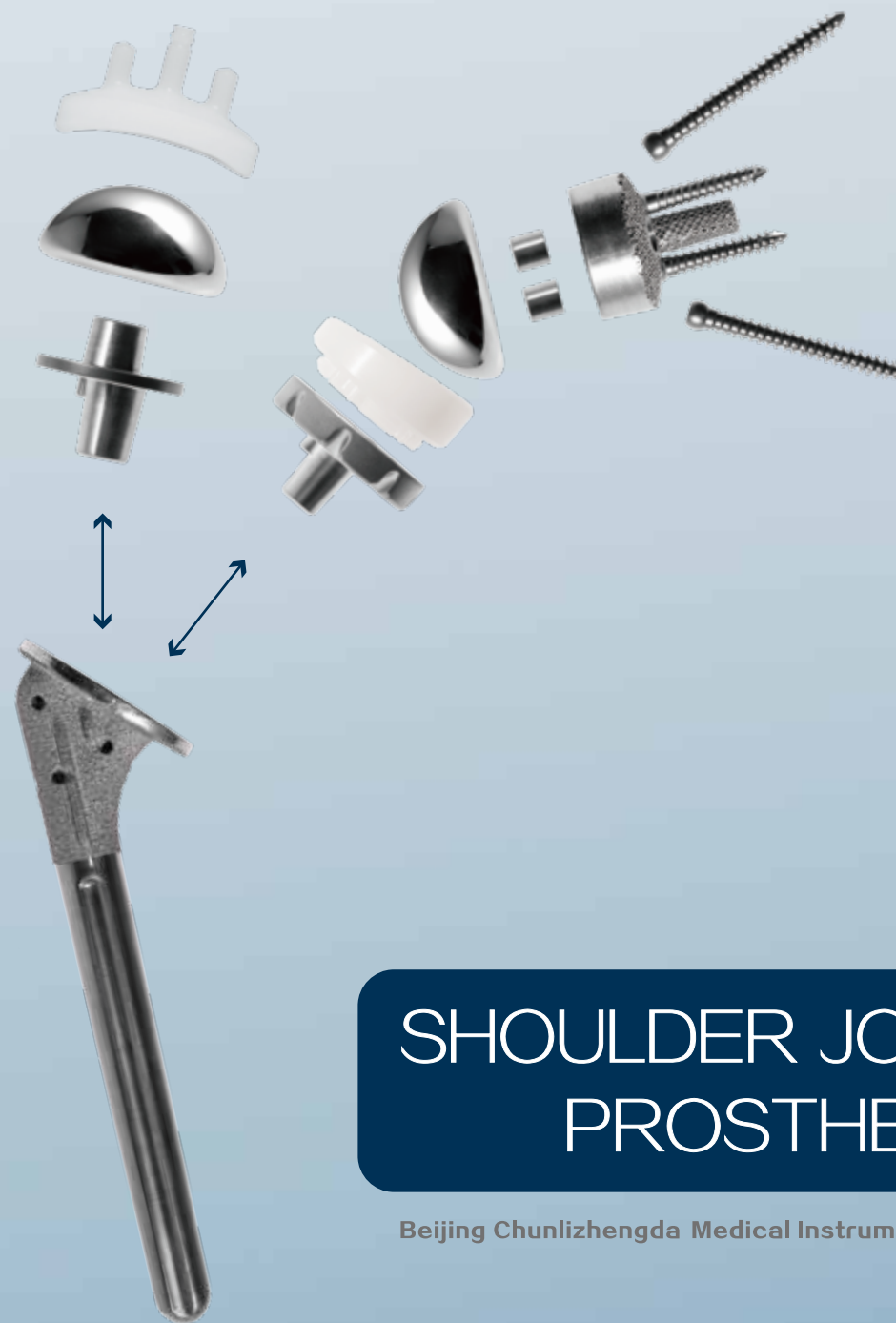




CHUNLI ORTHOPEDICS GLOBAL INTELLIGENCE



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SHOULDER JOINT PROSTHESIS

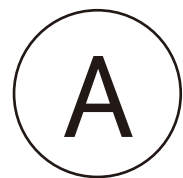
Beijing Chunlizhengda Medical Instruments Co., Ltd

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Osteopathia Shoulder Prosthesis

(01)

PRODUCT CHARACTERISTICS

a. Humeral Stem

- Biomechanical design, a variety of models are available.
- Rectangular design, anti-rotation, ensure the stability.
- Anatomical prosthesis, biological fixation.
- The suture holes on the proximal of the humerus assist the reconstruction and restore the function of shoulder joint.



b. Humeral Head

- Head edge arc design, lower shear force and protect soft tissue.
- With different offset design, better cover the anatomical neck.
- Different height, improve the shoulder's stability and function.

(02)

INDICATIONS

- Osteoarthritis
- Rheumatoid Arthritis
- Traumatic arthritis
- Osteonecrosis
- Other disease



(03)

CONTRAINDICATIONS

- Active or recent infections and neurogenic arthropathy
- The deltoid muscle and rotator cuff are both paralyzed,the functions are lost completely.
- Severe physical weakness and uncorrectable glenohumeral joint instability.
- Irreparable rotator cuff tear is a relative contraindication for scapular glenoid replacement.

(04)

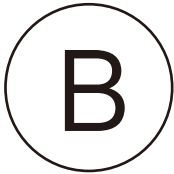
Technical parameter

Humeral Stem (Unit: mm)

Size	100#	105#	110#	115#	120#	125#	130#	135#	140#	145#
Length	100	105	110	115	120	125	130	135	140	145
Distal Diameter	6	7	8	9	10	11	12	13	14	15

Humeral Head (Unit: mm)

Size	36	38	40	42	44	46	48
Outer Diameter	36	38	40	42	44	46	48
Height	16 18	16 18	16 18	16 18 21	16 18 21	16 18 21	16 18 21



Reverse Shoulder Prosthesis

(01)

PRODUCT CHARACTERISTICS

a.
Humeral Stem

- Proximal oval design, anti-rotation.
- With Ti coating,good bone ingrowth.
- 8 holes fot rotator cuff suture.
- Anti-rotation.
- Distal Stem,Matt surface.
- Conical Design.
- Anti-rotation groove design.



b. Upper Humerus

- Taper match with stem for solid fixation and reduce installing time in operation.
- Eight needle slot.
- Press-fit with liner and anti-rotation.
- Two different heights to choose, easy for adjusting offset.



c. Glenoid cavity

- Eight specifications to choose, and two different heights.
- The neck angle is 145° to prevent dislocation.
- Press-fit to make solid fixation.



d. Humerus Head

- Taper press fit for solid fixation.
- Arc shape reduces injury for other soft tissues.
- 4 diameters, different heights.
- Co-Cr-Mo material



e. Broach

- Taper press fit with humerus head.
- The eccentric design can make the humeral head move downward in a larger range and reduce the possibility of hitting the acromion.
- Surface is designed for trabecula structure for solid fixation and bone in-growth.



f. Screw

- After being implanted, has a 30° with broach.
- A locking screw cap will be used to fix well.
- With Ti coating, good bone in-growth.



g. Stem

- Used to the conversion during standard system and reverse system.



h. Standard System

- Glenoid cavity.
- Humerus Head.
- Stem.
- Humerus Stem.



(02)

INDICATIONS

- Fracture of proximal humerus.
- Rheumatoid Arthritis.
- Osteoarthritis caused by rotator cuff injury.

(03)

CONTRAINDICATIONS

- Infection, axillary nerve paralysis.
- Neuropathic shoulder arthropathy.
- Patients with severe scapular glenoid erosion or defect.
- Impairment of deltoid.

(04)

Technical parameter

Humeral Stem (Unit: mm)

Size	110#	110#	110#	110#	120#	120#	120#	120#	120#	120#
Length	110	110	110	110	120	120	120	120	120	120
Distal diameter	6	7	8	9	10	11	12	13	14	15

Special Size	170#	170#	170#	170#
Length	170	170	170	170
Distal diameter	7	8	9	10

Upper Humerus (Unit: mm)

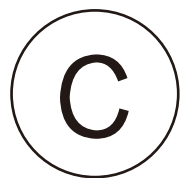
Size	36#	36#
Length	5	10

Glenoid cavity (Unit: mm)

Size	36#	36#	38#	38#	40#	40#	42#	42#
Height	5	10	5	10	5	10	5	10

Humerus Head (Unit: mm)

Size	36#	38#	40#	42#
Height	18	19	20	21



Tumoral Shoulder Prosthesis

(01)

PRODUCT CHARACTERISTICS

a.

Humeral Stem

- Biomechanical design.
- Different Size of Humeral Stem.
- The spiral groove structure at the distal stem, better contact with bone cement.
- Proximal stem with Ti-coating, promote the bone ingrowth and stability.



b.

Design application

- Compatible with reverse shoulder system.
- Standard System.



(02)

INDICATIONS

Suitable for patients with proximal humeral bone tumor.

12

(03)

Technical parameter

Upper End (Unit: mm)

Name	Material	Size	Imagen
Upper End	Ti6Al4V	47.5mm	

Stem (Unit: mm)

Name	Material	Size	Imagen
Stem	Ti6Al4V	22mm	

Broach (Unit: mm)

Name	Material	Size	Imagen
Broach	Ti6Al4V	Distal stem length(L): 90mm/110mm;Distal Diameter(d2):9mm/ 10mm/11mm; Proximal stem length(L1):10mm /20mm/30mm/40mm	

