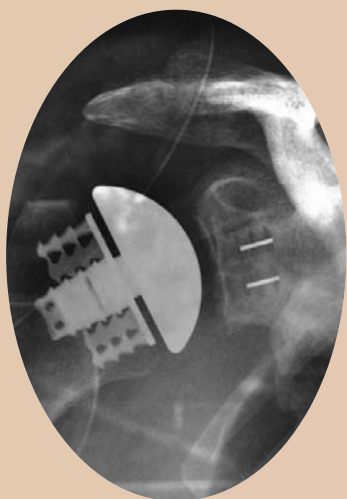




EXTRACTION KIT



SURGICAL TECHNIQUE

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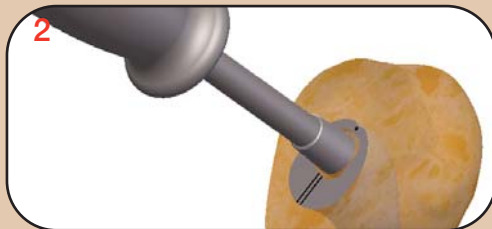
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HUMERIS STEM- EASYTECH



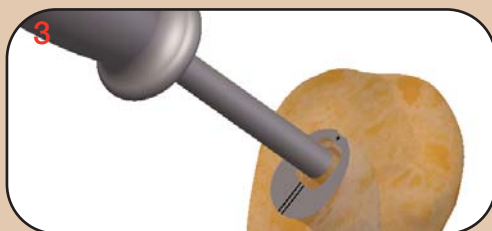
Extraction of the cephalic head:

Remove the head by slipping the osteotomy part between the head and the stem.



Extraction of the double taper (connector):

Screw the extractor with hammer into the threaded hole of the double taper and remove it.



Extraction of the stem:

Screw the extractor with hammer into the threaded hole of the stem.

Remove the stem.

If it does not remove easily, make a vertical corticotomy and unfasten the complete circumference of the stem from the cut bone.

GLENOSPHERE



Extraction of the glenosphere



With a screwed-in glenosphere, unscrew it completely before removing the taper with the Hex 3.5 mm screwdriver.

Screw the Ø36 or 40 arch corresponding to the diameter of the glenosphere on the extractor with hammer.

Pass the lugs onto the internal side of the glenosphere.

Undo the morse taper using the hammer.



Extraction of the baseplate

Unscrew the baseplate screws with the Hex 3.5 mm screwdriver.

Within the baseplate post, screw the extractor with hammer and remove the baseplate.

HUMELOCK - HUMELOCK REVERSED



Extraction of the cephalic head:

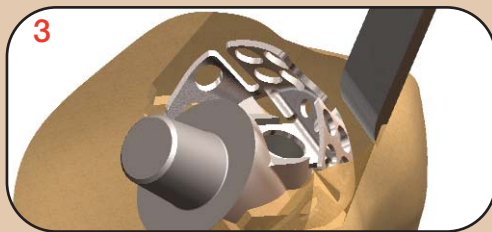
Remove the head by slipping the osteotomy part between the head and the stem.



Extraction of the cage screw (option):

Extract the bone above and around the screw with the Ø4.5 mm drill bit.

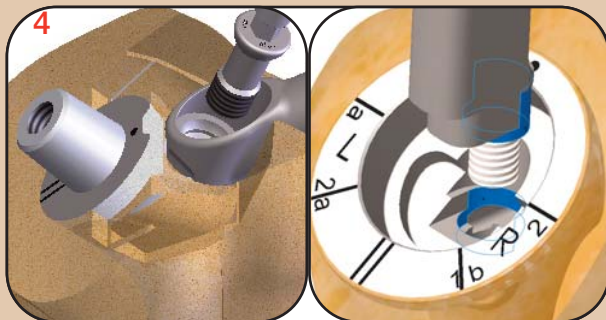
Use the Hex 3.5 mm screwdriver to remove the screw.



Extraction of the OMS cage (option):

Using osteotomy, cut the bone around the cage.

Remove the cage.



Mounting the aimer (option):

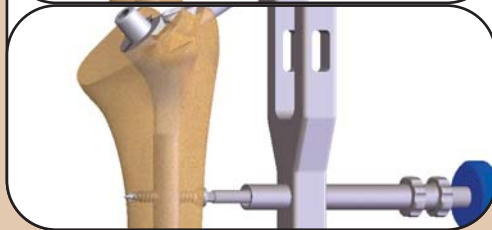
Screw the aimer 908-0056 + 107-0056 onto the implant and tighten the «implant + aimer» mount if it is a Humelock. Screw the aimer 903-0020 + 903-0021 onto the implant and tighten the «implant + aimer» mount if it is a Humelock Reversed.

Check that the central peg is correctly seated at the centre of the stem.



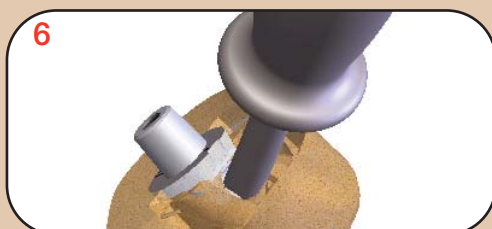
Extraction of the locking screws:

After having carefully dissected the soft parts using Halsted forceps, insert the Ø 10 mm guide into the top hole of the aimer until contact is made with the cortex using the soft-tissue holder.



Insert the screwdriver into Ø 10 mm guide and remove the screw.

Repeat the procedure for the distal hole.



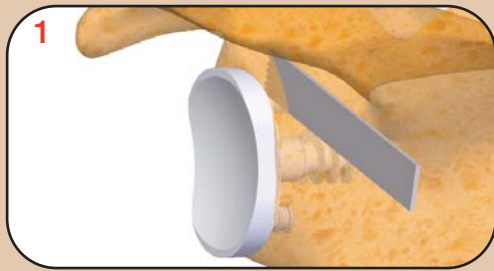
Extraction of the stem:

Screw the extractor with hammer into the threaded hole of the stem.

Remove the stem.

If it does not remove easily, make a vertical corticotomy and unfasten the complete circumference of the stem from the cut bone.

EXTRACTION OF CEMENTED GLENOIDS



Cutting stabilization pegs:

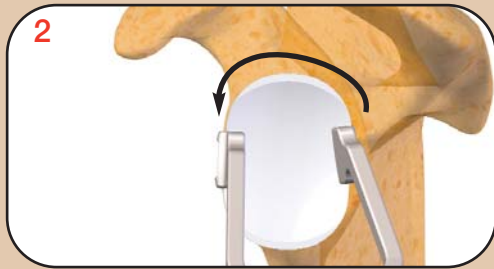
Using an oscillating saw, cut the stabilising pegs in the glenoid, at their base.

Do not cut the central peg on a 3-4 pegs glenoid.

For information:

All the sizes of PE glenoid have two stabilising pegs.

Sizes XS and S of the 3 - 4 pegs glenoid have two stabilising pegs and sizes M and L have three.

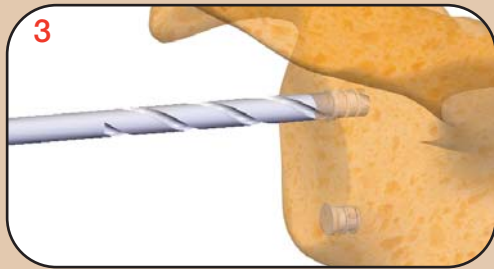


Extraction of the glenoid:

Using a forceps, hold the glenoid in an antero-posterior and unscrew the glenoid.



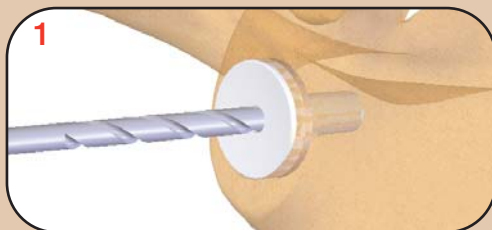
This step only applies to 3 - 4 pegs glenoid.



Extraction of cement:

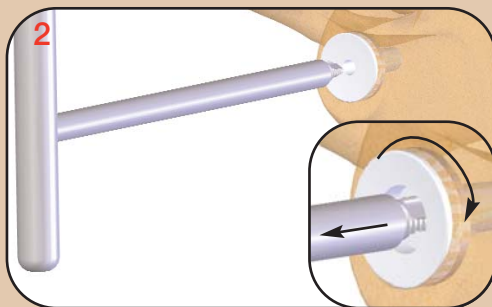
Counter drill the stabilization pegs cut in step 1 to remove the remainder of the PE and cement.

EXTRACTION OF RESURFACING GLENOID



Drilling PE:

Drill the PE using a \varnothing 4.5 mm drill bit at the centre of it.



Insertion of the glenoid extractor:

Clear away the PE completely from the drill entry site.

Thread the PE to reach the threaded hole located in the titanium part.

Screw the extractor with hammer in the metal back and remove the prosthetic glenoid.



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