DESIGNED FOR:

THE INTRA-OPERATIVE VERSATILITY
The comprehensive and fully modular system enables multiple combinations of components to meet the specific needs of each individual patient

EFFICIENT MANAGEMENT OF THE EVOLUTION OF THE PATHOLOGY
The use of modular solutions for the humeral and glenoid implants allows conversion from an anatomical to a reverse shoulder replacement prosthesis when the patient’s conditions demand it
SHOULDER MODULAR REPLACEMENT
The SMR system is available in multiple options, from resurfacing to revision surgery

INTRA-OPERATIVE VERSATILITY
Through a step-by-step assembly, the SMR Shoulder System lets you find the right stem (cemented or press-fit) and the right solution (anatomical or reverse) for the patient.

“Variations in the medial offset are of paramount importance in the design of humeral prosthetic components”¹

“She frontal radius of the head ranged between 21 and 26.5 mm”²
The SMR Shoulder System, with 8 head diameters and 25 eccentricity options, allows an accurate restoration of humeral anatomy.

In trauma cases,

“Malposition of the prosthesis, either in height and/or in retroversion, is significantly correlated with a poor functional result”.²
The SMR Trauma allows a choice of 3 humeral body sizes and permits choosing the retroversion intraoperatorically, in order to facilitate attainment of the right implant height and version.

EASY CONVERSION
“Final tuberosity malposition occurred in 33 patients (50%) and correlated with an unsatisfactory result, superior migration of the prosthesis, stiffness or weakness, and persistent pain”²
Shoulder pathology may evolve, so the SMR Shoulder System allows the change from anatomical to reverse leaving the stem and the metal back in situ: the stem and the metal back are the same for both anatomical and reverse.
HUMERAL BODY

CHOOSE THE OPTION YOU NEED ACCORDING TO THE SURGERY
ELECTIVE OR TRAUMA, ANATOMIC OR REVERSE

REVERSE

ELECTIVE

TRAUMA
With holes and medial polished groove for suture wires

ANATOMIC
Can be used with anatomical and CTA heads

ELECTIVE
With fins

TRAUMA
In 3 heights, with holes for suture wires
GLENOID

AVAILABLE IN 4 SIZES WHICH, COMBINED WITH A PROVEN CLINICAL PERFORMANCE, OFFER A COMPREHENSIVE SOLUTION FOR GLENOID IMPLANTS

POLYETHYLENE LINER
Is press fitted inside the metal back implant

36mm METAL GLENOSPHERE
Choose between Standard and Eccentric versions

STEM
MULTIPLE OPTIONS AVAILABLE: PRIMARY IMPLANT AND REVISION, CEMENTED AND NOT

PRIMARY IMPLANT

CEMENTED
80 mm length, 5 sizes

CEMENTLESS
80 mm length, 11 sizes and mini stem option

REVISION

CEMENTED
150, 180 and 210 mm length, 6 sizes

CEMENTLESS
150 or 180 mm length, 8 sizes
**CLINICAL CASES**

**RESURFACING**
Resurfacing implant on a 65 year old woman with osteoarthritis.

**ANATOMICAL**
Total anatomic implant on a 68 year old man with osteoarthritis.

**REVERSE**
36 mm eccentric reverse implant for 78 year old female with rotator cuff arthropathy.

**REVISION**
Revision for peri-prosthetic fracture 3 years after primary implant; insertion of uncemented revision stem maintaining the integrated reverse body on the proximal humerus.
Bibliography


