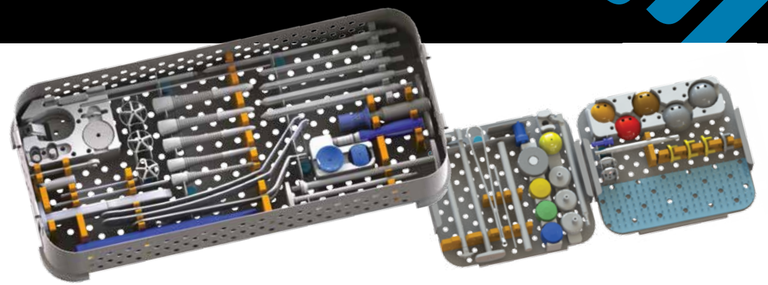
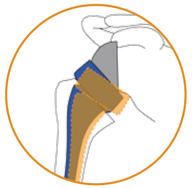
COMPACT INSTRUMENT SET

Only one instrument case for either an anatomical or reversed prosthesis



REVERSED

A DESIGN LIMITING SCAPULAR CONFLICT



140° prosthesis

155° prosthesis

(Initial design by Pr Paul Grammont)

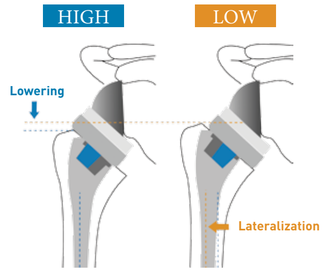
> The varisation of the CCD-angle to 140° decreases the humeral lowering and the medialisation.

> The risk of scapular conflict and scapular notching is decreased while improving abduction.

CUP POSITIONNING

16 possible settings (8x2)

> The 2 taper positions in the stem allow to lateralize and medialize the humerus.



A BASEPLATE WITH AN HELICOIDAL BLADE FOR AN OPTIMAL FIXATION

> The use of the helicoidal blade ensures an effective fixation and **bone conservation.**

> Easy positioning using a K-wire as a guide.

Anatomical & Reverse Arthroplasty Modular Implant System

REFERENCES

Implants

Anatomical

Type	Size	Ref.
Head	Ø40H13	EAI 4013
	Ø43H15	EAI 4315
	Ø46H17	EAI 4617
	Ø49H18	EAI 4918
	Ø49H20	EAI 4920
Glenoid	Ø30	EAI G030
	Ø33	EAI G033
	Ø36	EAI G036
	Ø36 R34	EAI G136
Screw	L15	EAI V515
	L20	EAI V520
	L25	EAI V525
	L30	EAI V530
	L35	EAI V535
	L40	EAI V540
	L45	EAI V545

Humeral stem

Fixation	Ø	Angle	Ref.
Cemented	7	132°	EAI 0C07
	8.5		EAI 0C08
	10		EAI 0C10
	11.5		EAI 0C11
	7	140°	EAI 1C07
	8.5		EAI 1C08
	10		EAI 1C10
	11.5		EAI 1C11
Non cemented	8.5	132°	EAI 0H08
	10		EAI 0H10
	11.5		EAI 0H11
	13		EAI 0H13
	8.5	140°	EAI 1H08
	10		EAI 1H10
	11.5		EAI 1H11
	13		EAI 1H13
	7	132°	EAI 0E07
	8.5		EAI 0E08
	10		EAI 0E10
	11.5		EAI 0E11
	13		EAI 0E13
	7	140°	EAI 1E07
	8.5		EAI 1E08
	10		EAI 1E10
	11.5		EAI 1E11
	13		EAI 1E13

Reversed

Type	Size	Ref.
Cup	Centered 0°	EAI CHC0
	Off-centered 0°	EAI CHD0
	Centered 8°	EAI CHC8
Standard insert Ø 38	+6mm	EAI IS06
	+9mm	EAI IS09
	+12mm	EAI IS12
	Retentive +9mm	EAI IR09 *
Standard insert Ø 42	+6mm	EAI I406
	+9mm	EAI I409
	+12mm	EAI I412
	Retentive +9mm	EAI I4R9
Glenosphere	Ø38mm	EAI SG38
	Ø42mm	EAI SG42
For Ø 28 baseplate	Ø38mm Cannulated	EAI SC38
	Ø42mm Cannulated	EAI SC42
For Ø 25 baseplate	Ø38mm	EAI SG35
	Ø38mm Cannulated	EAI SC35
Baseplate	Ø38 Lg 21 Ø38 Lg 18	EAI 0B28 EAI 0BHU
	Short plot	EAI 0BPS EAI 0BRS
	long plot	EAI 0BPL EAI 0BRL

* Available upon request.

This medical device is exclusively available for orthopaedic surgeons.

Carefully read the instruction for use and the surgical technique before use.

Manufacturer: 3S ORTHO. CE 1984 Class III medical device.

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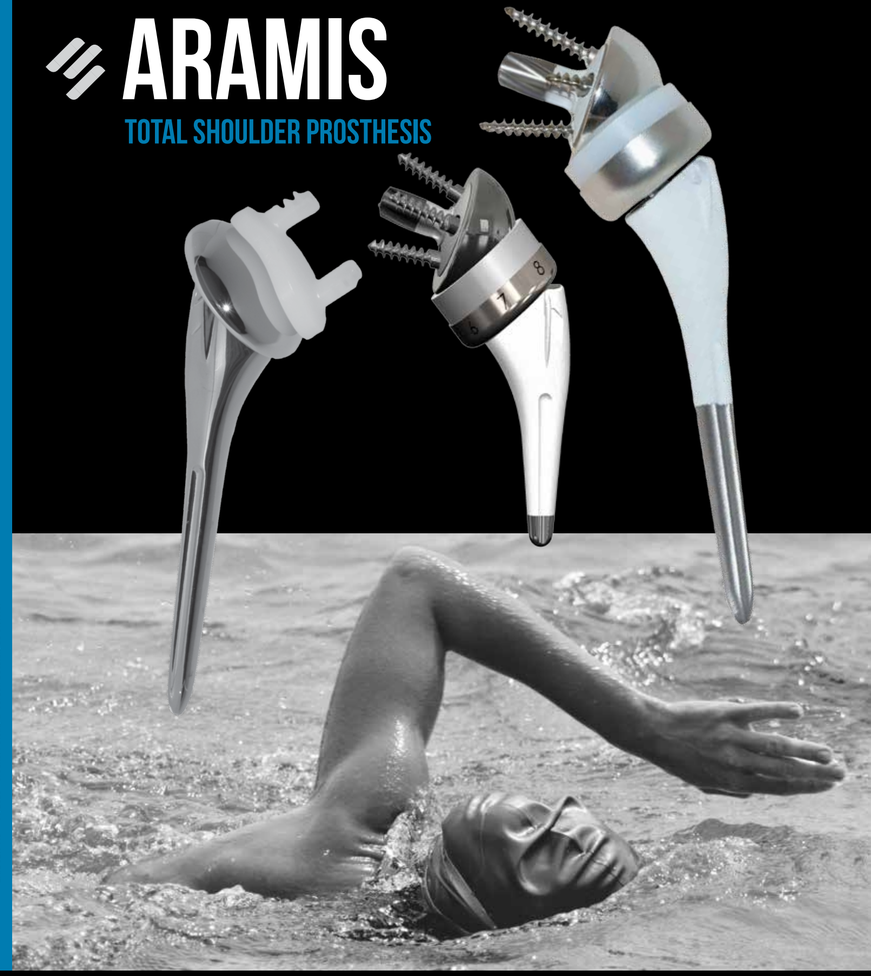
3S ORTHO

ARAMIS

TOTAL SHOULDER PROSTHESIS



EAIBCEN V.3 - 01/2020 - Credits: Fotolia/© Gordon Bussiek, 3S ORTHO.

- Anatomical
- Reversed
- Universal stem
- Only one instrument set

3S ORTHO

ARAMIS

TOTAL SHOULDER PROSTHESIS

EVOLUTIVE SYSTEM

Anatomical or reversed: a convertible system during or after surgery.

A choice of angles of **132°** or **140°** for the stem in order to reproduce the CCD angle.

Indications

- Severe inflammatory arthropathy or evaluated arthrosis for which conservative or alternative treatments have failed or were considered unsuitable.
- Arthropathy due to a degenerative disease.
- Current traumatism or traumatism sequelae.
- Failure of a previous arthroplasty.

Material

- Cemented humeral stems and screws: Titanium TA6V ELi *(ISO 5832-3)*
- Non cemented humeral stems and baseplates:
  - Titanium TA6V ELi *(ISO 5832-3)*
  - Titanium *(ISO 5832-2)* and hydroxyapatite *(ISO 13779-2)* coating
- Humeral cups, heads and glenosphere: Nitrogen enriched stainless steel M30NW *(ISO 5832-9)*
- Glenoids and inserts: Polyethylene UHMWPE *(ISO 5834-2)*

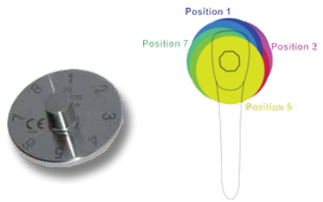
ANATOMICAL PROSTHESIS

ANATOMY RESTORATION

16 different settings (8x2)

- The double taper positions of the stem allows to reproduce the medial offset.

- Phone dial system with 8 positions to set the medial and posterior offset (also possible when using the off-centered cup).

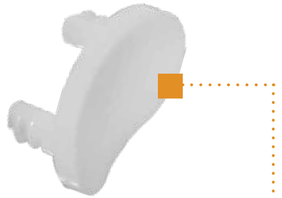


ANATOMICAL

Humeral inclination of either 132° or 140° associated with 16 possible head settings allow for reconstruction suited to any type of anatomy.

GLENOID

- 4 sizes: Ø30 - Ø33 - Ø36 - Ø36 R34mm.
- Polyethylene with a convex back to limit shear and compression forces.
- Pegged glenoid for bone preservation and an eventual transfer to a reversed prosthesis.
- A 5mm-mismatch.
- Cemented glenoid with radiological indicators.



HUMERAL HEAD

- Offset taper to reproduce the anatomical medial and posterior offset.
- Different diameters and heights (5 sizes).
- Proven conical junction (taper of 5°43'30'').

COMMON STEM

- 2 inclinations: **132°** or **140°**
- Cemented (Ø7 - 8,5 - 10 - 11,5)
- Non cement (Ø7 - Ø8,5 - 10 - 11,5 - 13)
- Anti-rotation perforated flanges

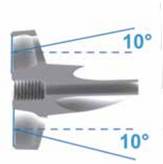
BICONIC JUNCTION

- 2 positions

REVERSED

Lowering and medialisation of the center of rotation respecting the initial prosthesis concept

FIXATION SCREWS self-tapping Ø 5 mm



- Pre-orientation of the superior and inferior screws
- ±15° screw movement

BASEPLATE Ø 25 or 28 mm

- Primary fixation ensured by an helicoidal blade (short and long plot also available) and 1 to 4 screws
- Convex back coated with porous titanium and hydroxyapatite for osteointegration

GLENOSPHERE Ø 38 or 42 mm

- Intern coaptation screw without any risk of conflict with the insert
- Coaptation by screwing on the baseplate taper
- Easy positioning

INSERTS Ø 38 or 42 mm

- Standard: 3 thicknesses (+6 or +9 or +12 mm)
- Combined with the 2 taper positions, the different thicknesses allow to set stability and tension of the muscular structure

Retentive insert +9mm available upon request

CUP

140°
- Centered 0°
- Off-centered 0° to cover the humeral cut and to respect the medial and posterior offset (same principle that the humeral head)

132°
- Centered 8° to use on a 132° stem in order to correct the CCD angle and to get a 140° stem