

Technical sheet

ACOR[®]

Range of Anatomical femoral stems



AMPLITUDE[®]

ACOR® Range

ACOR® range: COMMON FEATURES

- Range of anatomical femoral stems
- Stem available in several options:
 - ACOR® Monoblock cementless Standard and Latéralized
 - ACOR® Modular, cementless or cemented
- Intra-medullary features are identical for all stem options

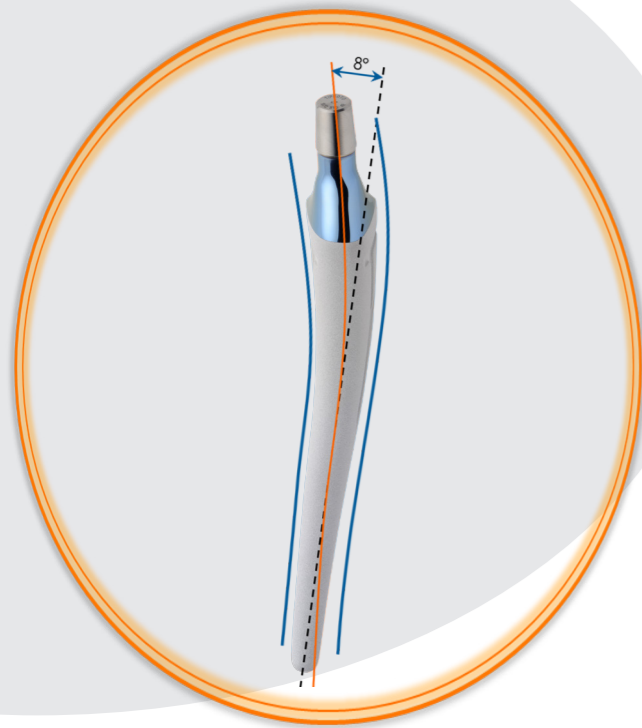


ACOR® MONOBLOCK

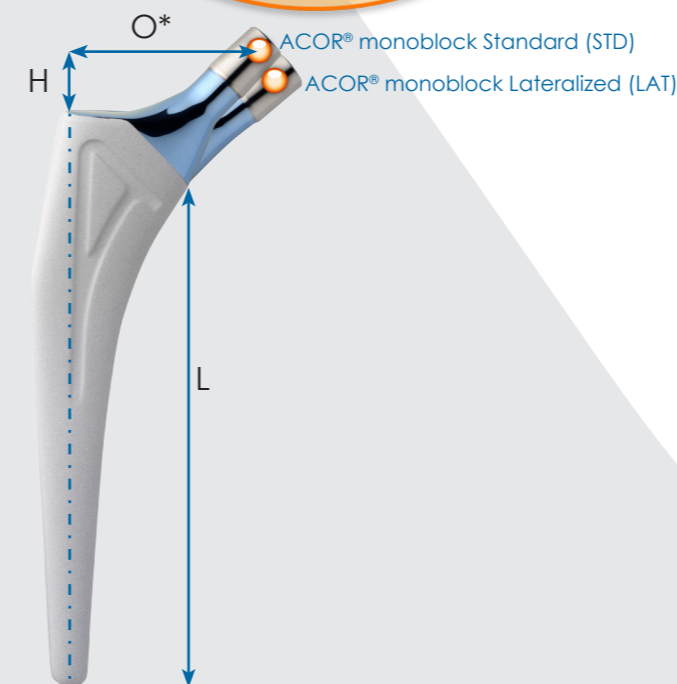
- The monoblock stem option is available in 2 neck-shaft angles:
 - Standard stem: 137°
 - Lateralized stem: 129°
- Thin mirror polished neck
- Small taper: 10/12 (5°42'30'')
- Laser engraving on the proximal cross-section of the taper



- Impaction notch and threaded hole at the top of the stem, used for extraction



- Anatomical shape with 8° metaphyseal anteversion
- Double curvature in sagittal plane
- Metaphyseal filling achieved through an ovoid cross-section
- The thin, cylindrical distal end contributes to metaphyseal loading and ensures diaphyseal guiding
- 7 sizes left and right with homothetic evolution
- 80 µm integral HA coating for the cementless versions
- Perfect visualization of the impaction limit: HA coating
- Material: Titanium Alloy(Ti6Al4V) anodized



*Distance between diaphysis and head center with medium neck

ACOR® LAT offset = ACOR® STD offset +6mm

ACOR® LAT height = ACOR® STD height -6mm

		ACOR® STD	ACOR® LAT	LENGTH L
Size 1	O	38	44	98
	H	15	9	
Size 2	O	38	45	104
	H	15	9	
Size 3	O	39	45	110
	H	15	9	
Size 4	O	39	46	116
	H	15	9	
Size 5	O	40	46	122
	H	15	9	
Size 6	O	40	47	128
	H	15	9	
Size 7	O	41	47	134
	H	15	9	

The ACOR® system is available on AMPLVISION®: Assists the surgeon for extra-medullary settings.

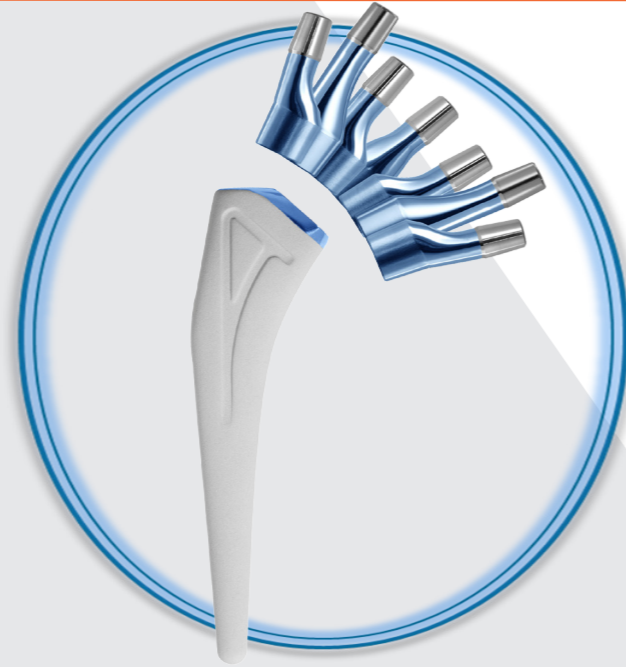


ACOR® Range

ACOR® MODULAR

○ Intra-medullary and extra-medullary adjustments independant from each other:

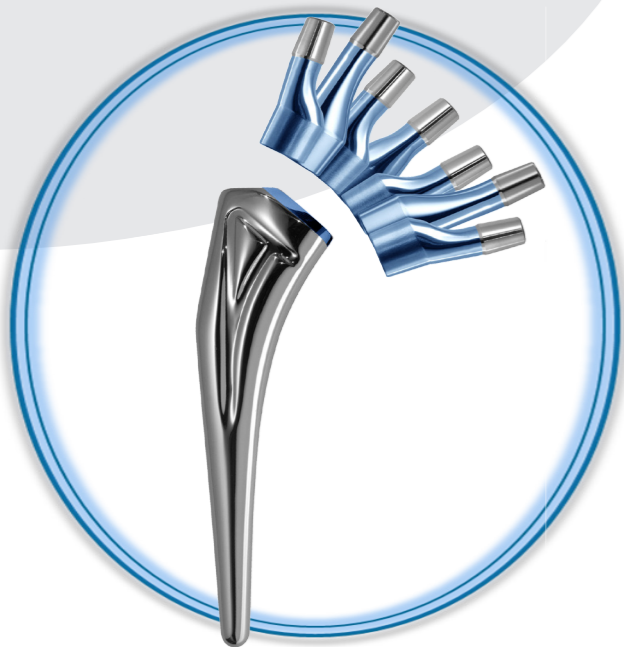
- Restoration of joint center without having to modify the femoral neck resection level or impaction level
- Leg length restauration
- Horizontal offset adjustment



- Stem-modular neck connection through an elliptical Morse taper
- Extraction threaded hole at the bottom of the taper
- Offset impaction notch for impaction in the stem axis

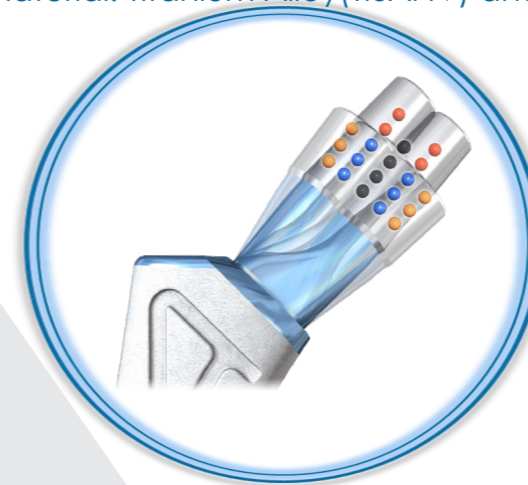


- Features identical to the cementless version, coating excluded
- Mirror polished surface finish



MODULAR NECKS

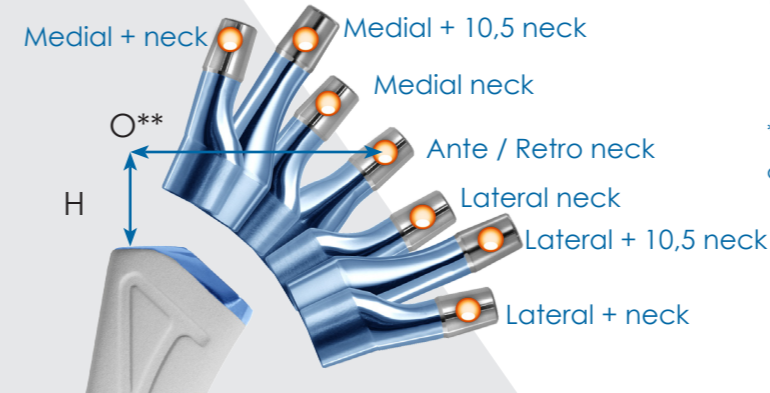
- Modular neck with dual Morse taper
- Small sized proximal taper: 10/12 (5°42'30'')
- Distal taper: elliptic cross-section
- Thin mirror-polished neck
- Laser engraving on the proximal cross-section of the taper
- Material: Titanium Alloy(Ti6Al4V) anodized



- 4 reversible modular neck allowing 8 positions:
 - Lateral/medial neck
 - Lateral/medial neck +10,5
 - Lateral plus/medial plus neck
 - Anteverted/retroverted 8° neck

- Combined with different head lengths, modular necks allow restoration of 24 joint centres*

*Please refer to the instructions for use for head-neck authorized associations



**Distance between diaphysis and head centre with medium neck

Stem Length is the same for monoblock and modular options

		Lateral Neck	Medial Neck	Lateral +10,5 Neck	Medial +10,5 Neck	Lateral + Neck	Medial + Neck	Ante / Retro Neck
Size 1	O	41	35	48	42	44	32	38
	H	12	18	20	26	9	21	15
Size 2	O	42	35	49	42	45	32	38,5
	H	12	18	20	26	9	21	15
Size 3	O	42	36	49	43	45	33	39
	H	12	18	20	26	9	21	15
Size 4	O	43	36	50	43,5	46	33	39,5
	H	12	18	20	26	9	21	15
Size 5	O	43	37	50	44	46	33	40
	H	12	18	20	26	9	21	15
Size 6	O	44	37	51	44,5	47	34	40,5
	H	12	18	20	26	9	21	15
Size 7	O	44	38	51	45	47	34	41
	H	12	18	20	26	9	21	15

ACOR® Monoblock

	STANDARD		LATERALIZED	
	Left	Right	Left	Right
ACOR® monoblock anatomic femoral stem - HA cementless - 10/12 - Size 1	1-01107 G1	1-01107 D1	1-01108 G1	1-01108 D1
ACOR® monoblock anatomic femoral stem - HA cementless - 10/12 - Size 2	1-01107 G2	1-01107 D2	1-01108 G2	1-01108 D2
ACOR® monoblock anatomic femoral stem - HA cementless - 10/12 - Size 3	1-01107 G3	1-01107 D3	1-01108 G3	1-01108 D3
ACOR® monoblock anatomic femoral stem - HA cementless - 10/12 - Size 4	1-01107 G4	1-01107 D4	1-01108 G4	1-01108 D4
ACOR® monoblock anatomic femoral stem - HA cementless - 10/12 - Size 5	1-01107 G5	1-01107 D5	1-01108 G5	1-01108 D5
ACOR® monoblock anatomic femoral stem - HA cementless - 10/12 - Size 6	1-01107 G6	1-01107 D6	1-01108 G6	1-01108 D6
ACOR® monoblock anatomic femoral stem - HA cementless - 10/12 - Size 7	1-01107 G7	1-01107 D7	1-01108 G7	1-01108 D7

ACOR® Modular

	HA CEMENTLESS		CEMENTED	
	Left	Right	Left	Right
ACOR® modular anatomic femoral stem - Size 1	1-01066 G1	1-01066 D1	1-01070 G1	1-01070 D1
ACOR® modular anatomic femoral stem - Size 2	1-01066 G2	1-01066 D2	1-01070 G2	1-01070 D2
ACOR® modular anatomic femoral stem - Size 3	1-01066 G3	1-01066 D3	1-01070 G3	1-01070 D3
ACOR® modular anatomic femoral stem - Size 4	1-01066 G4	1-01066 D4	1-01070 G4	1-01070 D4
ACOR® modular anatomic femoral stem - Size 5	1-01066 G5	1-01066 D5	1-01070 G5	1-01070 D5
ACOR® modular anatomic femoral stem - Size 6	1-01066 G6	1-01066 D6	1-01070 G6	1-01070 D6
ACOR® modular anatomic femoral stem - Size 7	1-01066 G7	1-01066 D7	1-01070 G7	1-01070 D7

Modular necks

Lateral / Medial modular neck - 10/12 Taper	1-01067 01
Ante/ Retro 8° modular neck - 10/12 Taper	1-01067 02
Lateral + / Medial + modular neck - 10/12 Taper	1-01067 03
Lateral/ Medial +10,5 modular neck - 10/12 Taper	1-01067 04

Femoral heads

	Short neck	Medium neck	Long neck	Extra-long neck
Metallic femoral head M30NW - Taper 10/12 - Ø 22.2 mm	1-01011 01	1-01011 02	1-01011 03	-
Metallic femoral head M30NW - Taper 10/12 - Ø 28 mm	1-01011 11	1-01011 12	1-01011 13	1-01011 14
Metallic femoral head M30NW - Taper 10/12 - Ø 32 mm*	1-01011 21*	1-01011 22*	1-01011 23*	-
BIOLOX® Delta ceramic femoral head - Taper 10/12 - Ø 28 mm	1-01911 01	1-01911 02	1-01911 03	-
BIOLOX® Delta ceramic femoral head - Taper 10/12 - Ø 32 mm	1-01911 11	1-01911 12	1-01911 13	-
BIOLOX® Delta ceramic femoral head - Taper 10/12 - Ø 36 mm	1-01911 21	1-01911 22	1-01911 23	-

*optional, available on request only

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