COUSIN SURGERY

CERVICAL

Disc prosthesis



C DISC

Ronda MedTech

“Creating tomorrow’s surgery **together**”

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Description

STABILITY THROUGH SELF-CENTRING

AUTO-ADAPTATIVE KINEMATICS

Dual radius of curvature



CONCEPTION

Titanium plasma coating for optimal osseointegration, ensuring secondary stability

FLEXION-EXTENSION LATERAL BENDING

20° (±10°)



DESIGNED FOR STABILITY AND MOVEMENT

Anatomical profile with a 3° lordotic angle



ADVANCED INSTRUMENTATION

Pre-assembled prosthesis on a single-use titanium clamp that can be connected to the implant holder

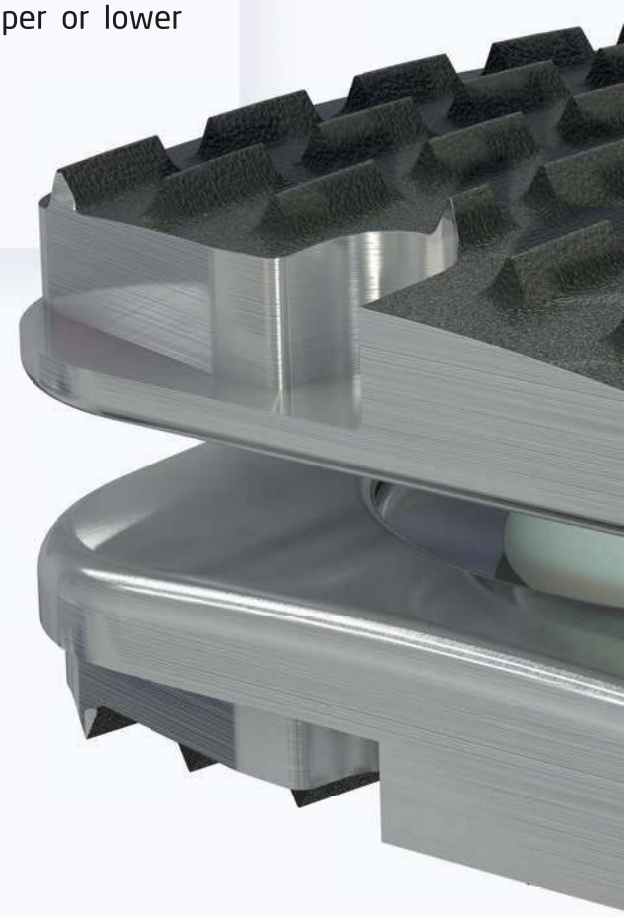
Watch the video of the self-adaptive kinematics

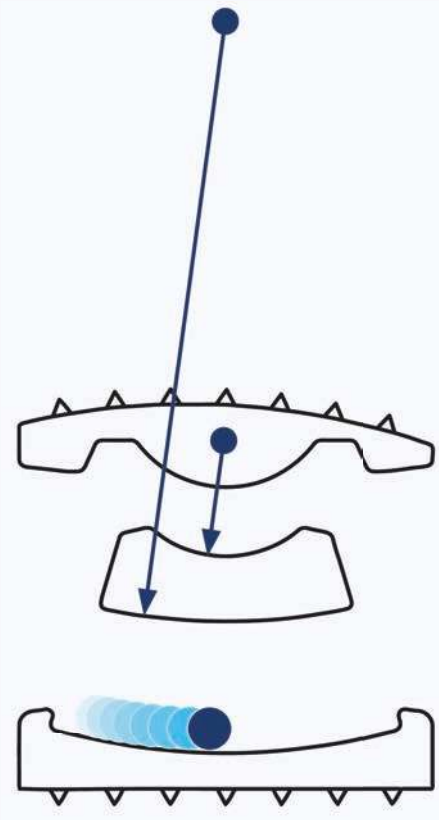
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Features and biomechanics

AUTO-ADAPTATIVE KINEMATICS

Thanks to its dual radius of curvature and its dual articular surfaces, the core allows an instantaneous centre of rotation (ICR) that can be located indifferently on the upper or lower endplate.



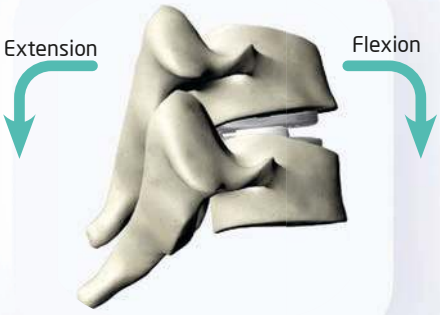


Dual radius of curvature

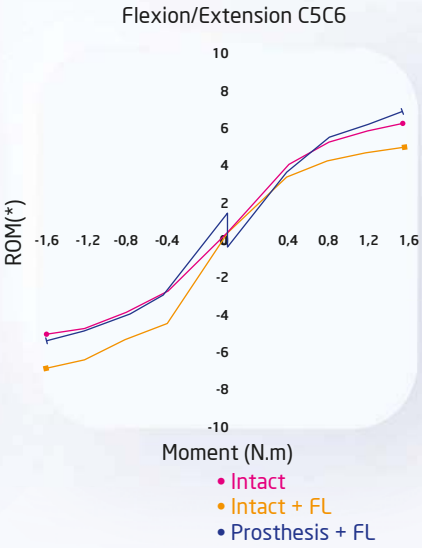
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Features and biomechanics

LOWER CENTRE OF ROTATION



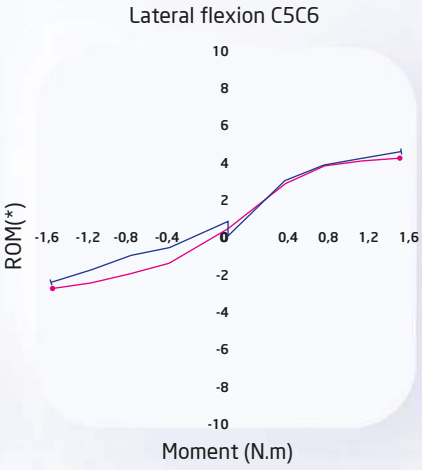




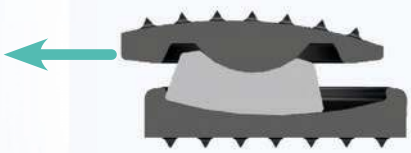
UPPER CENTRE OF ROTATION

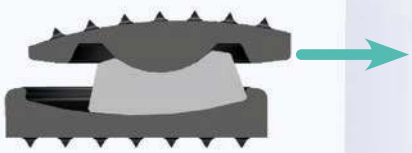






PURE TRANSLATION





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Features and biomechanics

DESIGNED FOR STABILITY AND MOVEMENT

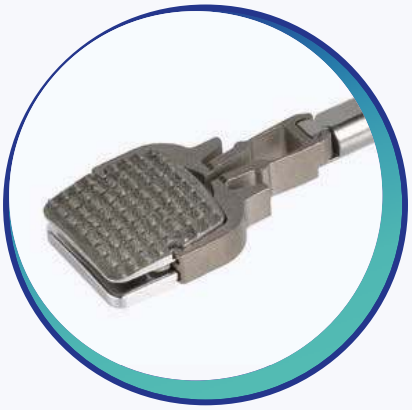




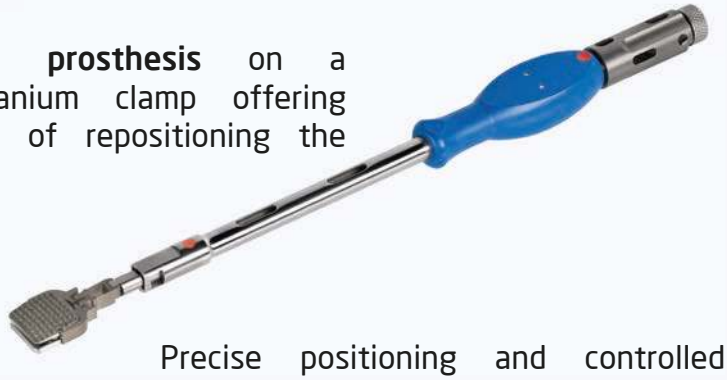
Anatomical profile including a **3° lordosis**.

Primary stability is ensured by a 0.5 mm high serrated surface, coated with a titanium plasma spray.

ADVANCED INSTRUMENTATION



Pre-assembled prosthesis on a single-use titanium clamp offering the possibility of repositioning the prosthesis.



Precise positioning and controlled release of the implant.

DESIGN



Convex upper endplate.

Double-curvature polyethylene core.

Concave lower endplate.

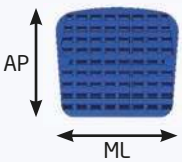
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Implants





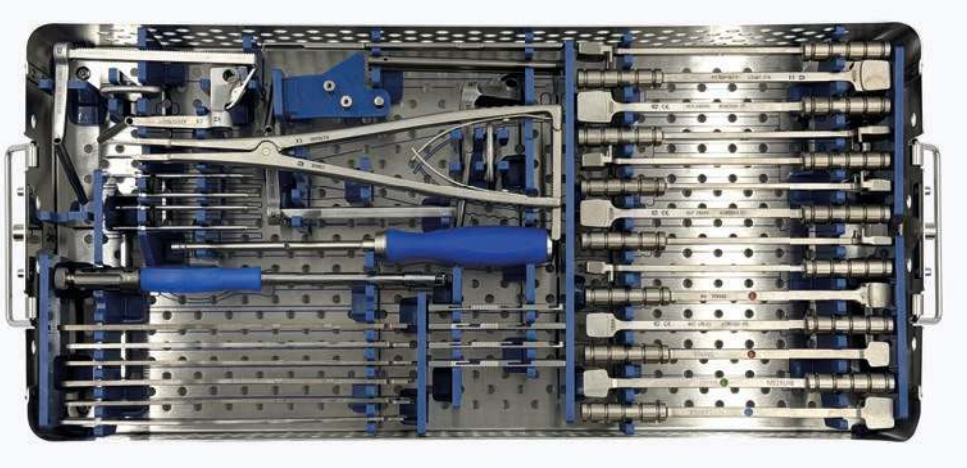
Sizes	Hauteurs 5 mm	6 mm	7 mm	8 mm
		REFERENCES		
SMALL AP 13 mm x ML 15mm	19000	19010	19020	
MEDIUM AP 15 mm x ML 17 mm	19100	19110	19120	19130
LARGE AP 17 mm x ML 19 mm	19260	19270	19280	19290



AP: anteroposterior ML: mediolateral

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Instrumentation



19608	Distraction forceps
19616	Distractor pin - 16 mm
19602	Distractor pin - 14 mm
19610	Screwdriver for distractor pin
19601	Locking nut
19600	CASPAR distractor Right
19609	CASPAR distractor Left
19607	AP gauge - Anteroposterior
19603	Width gauge - SMALL
19604	Width gauge - MEDIUM
19605	Width gauge - LARGE
19535	Height gauge 5 mm - SMALL
19536	Height gauge 6 mm - SMALL
19537	Height gauge 7 mm - SMALL
19545	Height gauge 5 mm - MEDIUM
19546	Height gauge 6 mm - MEDIUM
19547	Height gauge 7 mm - MEDIUM
19548	Height gauge 8 mm - MEDIUM
19555	Height gauge 5 mm - LARGE
19556	Height gauge 6 mm - LARGE
19557	Height gauge 7 mm - LARGE
19558	Height gauge 8 mm - LARGE
19240	Holder - Instrument Body
19240-06	Holder - Inner Rod
19421	Revision instrument - Upper body - SMALL
19422	Revision instrument - Lower body - SMALL
19423	Revision instrument - Upper body - MEDIUM
19424	Revision instrument - Lower body - MEDIUM
19425	Revision instrument - Upper body - LARGE
19426	Revision instrument - Lower body - LARGE
19420	Revision instrument - Locking cap
19419	Revision instrument - Unlocking cap

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These medical devices are Class IIb under medical devices directive 93/42/CEE manufactured by CERAVER.
The CE conformity has been carried out by the notified body G-MED (CE0459).
The management system of COUSIN BIOTECH S.A.S is certified for compliance with ISO 13485 standard by CERAVER
Please read carefully the instructions for use before using the device.

Reference: BRRCDIGB01 - Version: 27/01/26
Non contractual pictures and texts. Specifications likely to be modified without notice.
Cousin Biotech S.A.S capital : 340 656 € - 398 460 261 RCS Lille - N°TVA FR 34 398 460 261
Cousin Biotech is the legal manufacturer of the medical devices proposed by Cousin Surgery

www.cousin-surgery.com

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