

Technical description

ORIGIN® CR

Description

Individualized posterior cruciate retaining tricompartmental knee prosthesis, fully cemented. Monobloc or modular with four extension stem lengths version for the tibia. The ORIGIN® CR pack includes individualized implants and individualized single-use instrumentation for each patient.



ORIGIN® CR Total Knee System

REF 5000 0002

Implants	5000 1300	ORIGIN® CR Femur Cemented
	5000 2700	ORIGIN® CR Fixed Tibia Monobloc Cemented
	5000 3300	ORIGIN® CR Fixed Insert +0 mm
	5000 3302	ORIGIN® CR Fixed Insert +2 mm
Instruments	9005 0000	ORIGIN® KNEE-PLAN® Guides
	9005 0014	ORIGIN® CR Femur Set
	9005 0015	ORIGIN® CR Tibia Set
	9005 00XX	ORIGIN® Impaction Set

OR

ORIGIN® CR Total Knee System Modular

REF 5000 0003

Implants	5000 1300	ORIGIN® CR Femur Cemented
	5000 2800	ORIGIN® CR Fixed Tibia Modular Cemented
	5000 3300	ORIGIN® CR Fixed Insert +0 mm
	5000 3302	ORIGIN® CR Fixed Insert +2 mm
Instruments	9005 0000	ORIGIN® KNEE-PLAN® Guides
	9005 0014	ORIGIN® CR Femur Set
	9005 0016	ORIGIN® CR Tibia Modular Set
	9005 00XX	ORIGIN® Impaction Set



ORIGIN® CR TOTAL KNEE PROSTHESIS



ORIGIN® CR Femur Cemented

- Individualized cemented femoral component, posterior cruciate retaining.
- Cobalt-chrome [CoCrMo-ISO 5832-4].

ORIGIN® CR Fixed Insert

- Individualized tibial fixed inserts: 2 available thicknesses [planned +0 mm and +2 mm].
- Polyethylene [UHMWPE-ISO 5834-2].

OR



ORIGIN® CR Fixed Tibia Monobloc Cemented

- Individualized cemented monobloc tibial component for fixed platform.
- Titanium alloy [Ti6Al4V-ISO 5832-3].

ORIGIN® CR Fixed Tibia Modular Cemented

- Individualized cemented modular tibial component for fixed platform with a one-piece finned keel, delivered with pre-assembled stem.
- Titanium alloy [Ti6Al4V-ISO 5832-3].
- 4 lengths for the extension stems:

Size	Reference
20 mm	5000 3700
30 mm	5000 3701
40 mm	5000 3702
70 mm	5000 3703

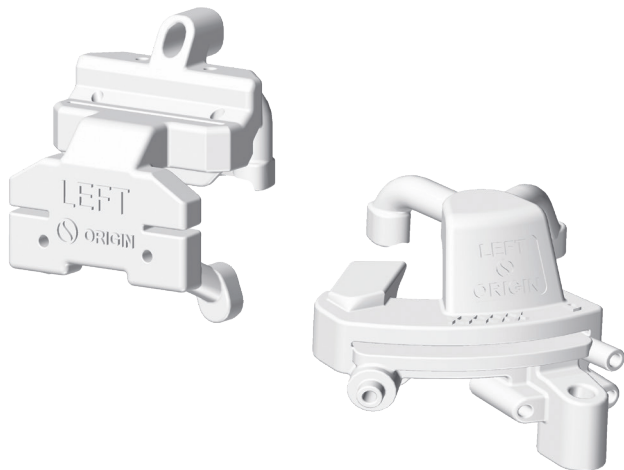
ORIGIN® Patella Cemented



- Cemented patella component with medialized dome, in polyethylene [UHMWPE-ISO 5834-2]
- The ORIGIN® Patella Cemented is systematically planned (size) in the ORIGIN® Planning Report.
- It is available in another packaging opened in case of patella resurfacing.

Size	Reference
XS	5000 4101
S	5000 4102
M	5000 4103
L	5000 4104
XL	5000 4105

ORIGIN® CR SINGLE-USE INSTRUMENTATION



ORIGIN® KNEE-PLAN® Guides

- Instruments for the femoral and tibial cuts.
- Containing the femoral and tibial guides as well as the individualized associated models, in polyamide [PA2200].



ORIGIN® CR Femur Set

- Individualized instruments for the preparation of the femur, in polyamide [PA2200].
- Containing the trial femur, the femoral pegs drill guide, the 4-in-1 femoral cuts guide.
In option: the +0/ +2 mm spacer.

OR



ORIGIN® CR Tibia Set

- Individualized instruments for the preparation of the tibia, in polyamide [PA2200].
- Containing the trial tibial baseplate, the 2 trial inserts, and the tibial preparation guide.

ORIGIN® CR Tibia Modular Set

- Individualized instruments for the preparation of the modular tibia, in polyamide [PA2200].
- Containing the trial tibial baseplate, the 2 trial inserts, the tibial preparation guide, and the drill guide adapter.

ORIGIN® Impaction Set

- Standard instruments in Makrolon® [Rx2530].
- Containing the handle and the 3 tips for the tibia, femur and insert impactions, the tibial keel broach as well as the recut guide.



ORIGIN® PLANNING REPORT

LOWER LIMB
HKA: 175°
5° Varus

**ORIGIN® PLANNING REPORT
PREOP ANALYSIS**

Medial Lateral

Alpha Dist 90°
Beta 80° Varus
9° CA-2° Varus

Medial Lateral

Alpha Dist 90°
Beta 80° Varus
9° CA-2° Varus

Medial Lateral

Alpha Dist 90°
Beta 80° Varus
9° CA-2° Varus

LOWER LIMB
HKA: 175°
5° Varus

**ORIGIN® PLANNING REPORT
PLANNING SUMMARY**

Medial Lateral

Alpha Dist 90°
Beta 80° Varus
10 mm 5 mm
9 mm 7 mm

Medial Lateral

Alpha Dist 90°
Beta 80° Varus
9 mm 7 mm
1° Tibial Rotation

Medial Lateral

Alpha Dist 90°
Beta 80° Varus
9 mm 7 mm
1° Tibial Rotation

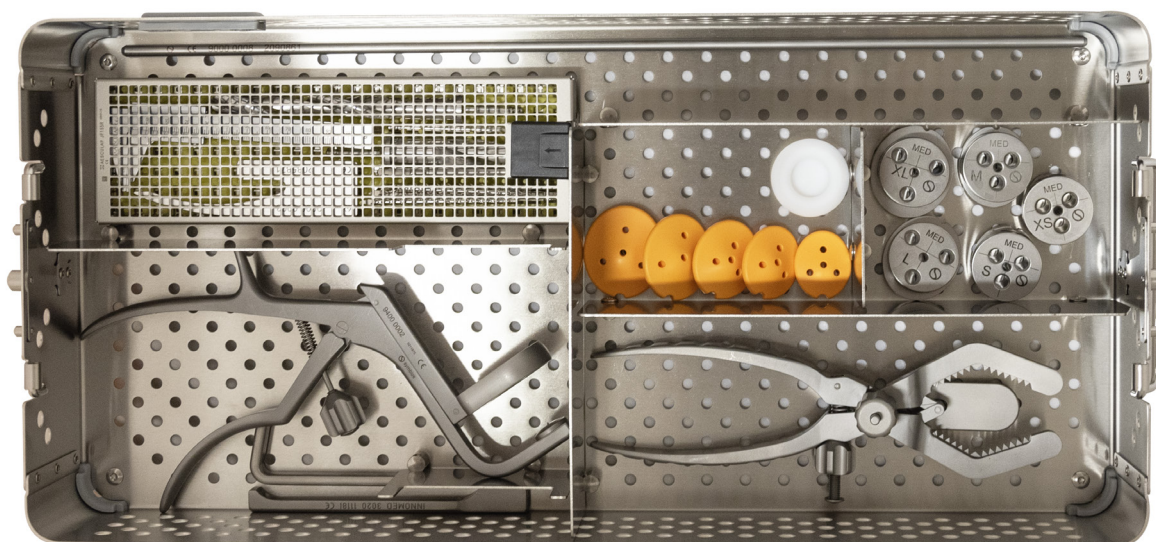
Planner's comments

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page 2/4 MKT-PRINT-ORIGIN-PL-EN

The planning report is delivered with the ORIGIN® product and helps guide the surgeon throughout the procedure:

- A reminder of the preoperative analysis and realignment strategy for each patient.
- Numerous checks available to verify the positioning of the guides before making the cuts.

INSTRUMENTATION ORIGIN®



9509 0000 ORIGIN® instrumentation

This instrumentation is required for the implantation of an ORIGIN® CR prosthesis.