

Surgical Technique with Conventional Instrumentation





Objectives

- Correct the wear component of the deformity in a knee where the ligaments are still intact, by:
 - Maintaining the height of the joint space (importance of using the joint space gauge):
 - in the sagittal plane (same tibial slope)
 - in the frontal plane (tibial plateau angle)
 - Keeping a laxity safety margin (under-correction).
- Excess patient weight can be a contraindication for this implant, especially if the tibiofemoral joint is significantly deformed.

Note: Use of a tibial baseplate for mobile insert is contraindicated in cases of lateral tibiofemoral osteoarthritis.

Reminder : The purpose of this surgical technique description is to provide instructions on how to use the instrumentation properly. The surgeon is fully responsible for the indication, surgical approach, surgical technique and postoperative protocol.

UNI SCORE® Unicompartmental Knee System Description

- The UNI SCORE® Unicompartmental Knee System consists of a cemented or cementless femoral component that is compatible with all the associated tibial baseplates:

Cemented or cementless tibial baseplate for mobile insert



Cementless tibial baseplate for fixed insert with peg (optional screw fixation)



Cemented tibial baseplate for fixed insert



Full-PE (polyethylene) tibial implant

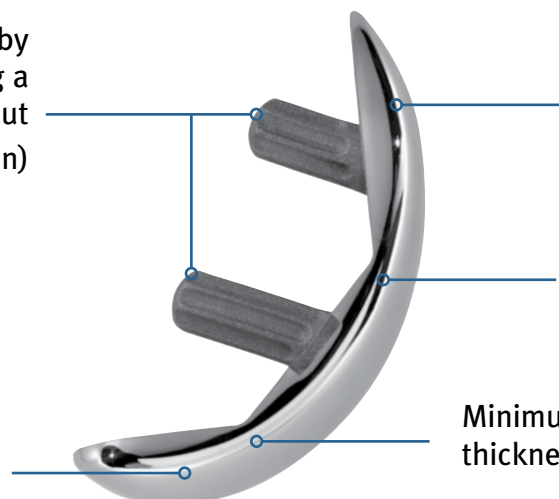


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1 - Femoral component:

Primary stability ensured by two parallel pegs forming a 65° angle with the distal cut (prevents implant expulsion)

Made of cobalt-chrome (CoCr)
Cementless version has dual coating of 80 µm plasma-sprayed titanium and 80 µm HAP
Cemented version is sandblasted



Symmetrical femoral component with constant radius of curvature throughout the range of motion

Up to 8° camber possible

Minimum femoral component thickness: 6 mm

2 - Tibial components:

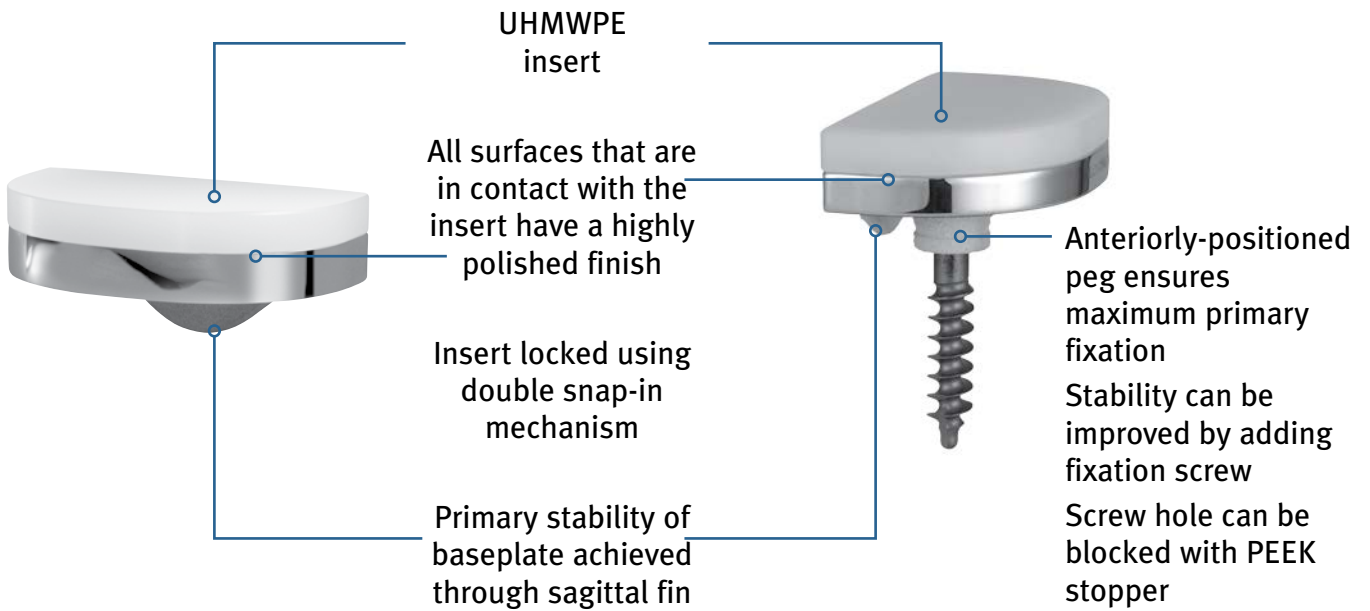
Tibial baseplates for fixed insert:

Cemented symmetrical tibial baseplate for fixed insert

Made of cobalt-chrome (CoCr)

Cementless asymmetrical tibial baseplate for fixed insert (RM/LL and LM/RL)

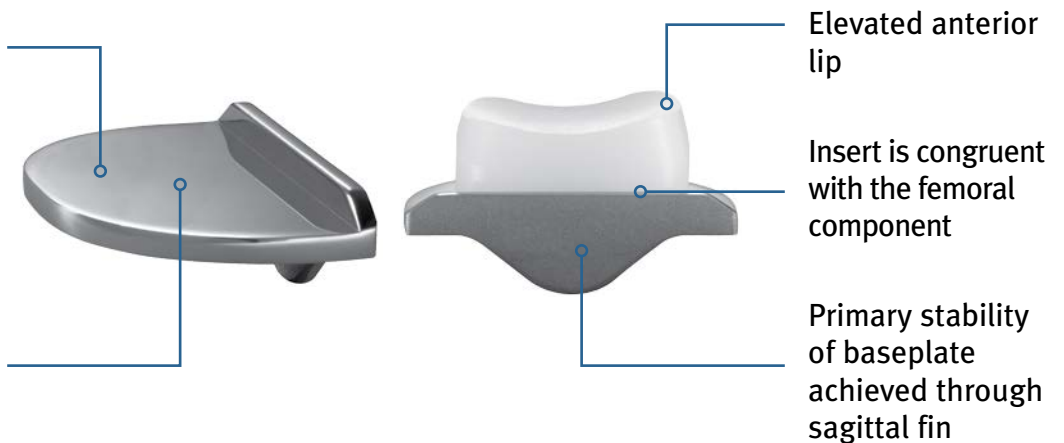
(80 µm plasma-sprayed titanium + 80 µm HAP)
Made of cobalt-chrome (CoCr)



Tibial baseplates for mobile insert:

Cemented symmetrical tibial baseplate for fixed insert; cementless version has dual coating of 80 µm plasma-sprayed titanium and 80 µm HAP

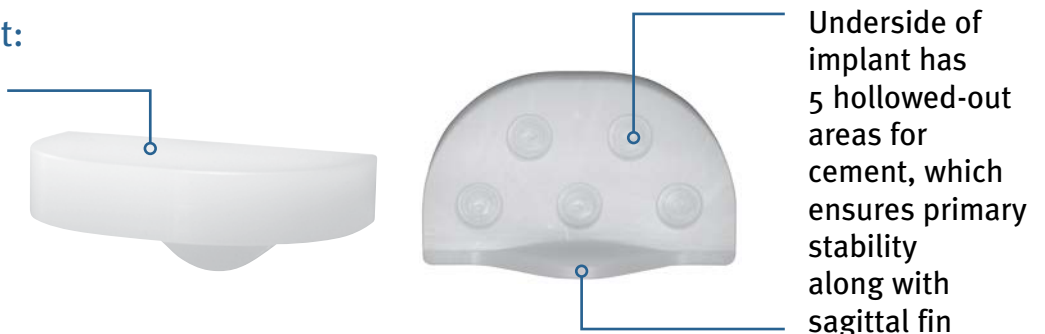
All surfaces that are in contact with the insert have a highly polished finish



Full-PE tibial implant:

The full-PE tibial implant is symmetrical

Flat bearing surface



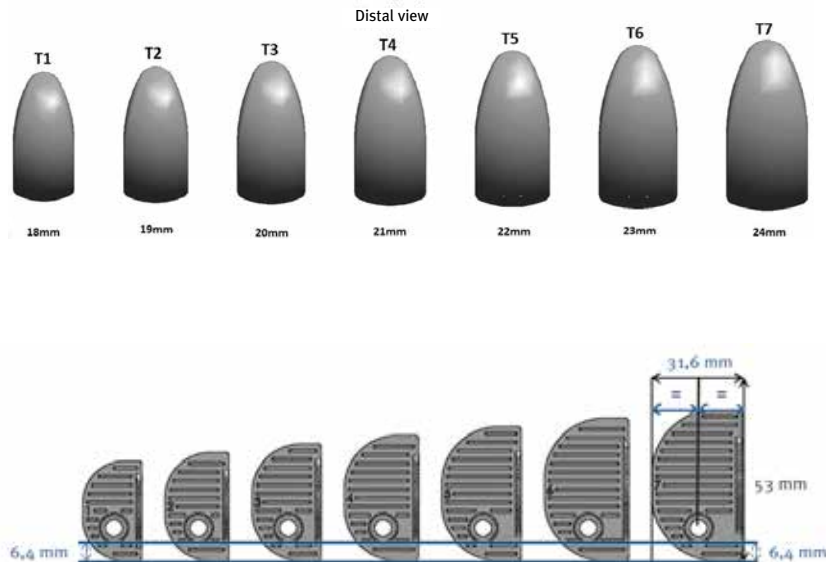
3 - Product line:

- Femoral components:
 - Cemented: 7 sizes (from 1 to 7)
 - Cementless: 7 sizes (from 1 to 7)

- Tibial components:

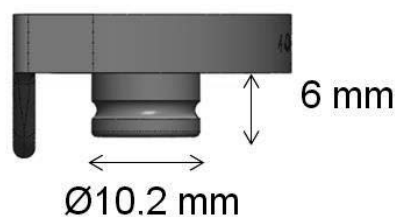
Implants	Tibial baseplates	Inserts
UNI SCORE® Tibial baseplate for fixed insert Cementless	7 sizes (1 to 7) RM/LL 7 sizes (1 to 7) LM/RL	7 sizes (1 to 7) 4 thicknesses (9 to 12 mm)
UNI SCORE® Tibial baseplate for fixed insert Cemented	7 sizes (1 to 7)	7 sizes (1 to 7) 4 thicknesses (9 to 12 mm)
UNI SCORE® Tibial baseplate for insert mobile-bearing cemented and cementless	7 sizes (1 to 7)	7 sizes (1 to 7) 4 thicknesses (9 to 12 mm)
UNI SCORE® Full-PE Tibial Implant	7 sizes (1 to 7)	7 sizes (1 to 7) 5 thicknesses (8 to 12 mm)

- All implants available in 1-mm increments:



	S1	S2	S3	S4	S5	S6	S7
M/L distance (in mm)	20.8	22.6	24.4	26.2	28	29.8	31.6
A/P distance (in mm)	35	38	41	44	47	50	53

- Peg dimensions (same for all sizes):



4 - Component compatibility:

- Femoral components:
 - Cemented: 7 sizes (from 1 to 7)
 - Cementless: 7 sizes (from 1 to 7)

- Tibial components:

	UNI SCORE® Tibial baseplate for mobile insert (with or without cement)	UNI SCORE® Tibial baseplate for fixed insert Cementless RM/LL and LM/RL	UNI SCORE® Tibial baseplate for fixed insert Cemented
UNI SCORE® mobile insert	✓	✗	✗
UNI SCORE® fixed insert	✗	✓	✓
Cancellous bone screw Ø 6.5 mm	✗	✓	✗

- Tibial baseplate for fixed insert and Full-PE tibial implants:
 - The fixed insert can only be used with the tibial baseplate for fixed insert.
 - The fixed insert must be exactly the same size as the tibial baseplate for fixed insert.
 - All the femoral component sizes can be combined with any of the tibial baseplates for fixed insert and full-PE tibial implant sizes:

- Tibial baseplate for mobile insert:
 - Mobile inserts can only be used with the tibial baseplate for mobile insert.
 - The mobile insert **MUST** match the **SIZE** of the **FEMORAL COMPONENT**.
 - The mobile insert can either be the same size or one size larger or smaller than the tibial baseplate for mobile insert.