



Primary hip replacement solution for...

EVERY patient ¹

EVERY approach

EVERY bearing ²

 **smith&nephew**

POLARSTEM[®]

Cementless and Cemented Stem

¹⁻² See page 4



15 years
200'000 implantations

POLARSTEM[◇]

Designed for all anatomies

STEM

- The triple taper, self-locking stem design with reinforced proximal body allows for excellent proximal stability, possibly reducing the incidence of subsidence
- The shortened stem length and narrow distal tip allow for ease of implantation with any surgical approach

STRUCTURE

- The proximal grooves are perpendicular to the average load direction to evenly distribute load transmission without abnormal peak loads
- The distinctive axial structure of the stem increases rotational stability

COATING

- The stem design incorporates the advanced surface roughness of a 180µm open porous Titanium Plasma spray coating with an additional 50µm layer of HA (Hydroxylapatite).



Dorr A femur

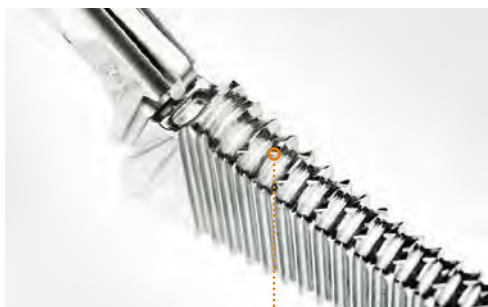


Dorr B femur



Dorr C femur

Swiss precision in instrumentation



Anterior to posterior compaction teeth and medial to lateral bone cutting teeth provide excellent cortical bone contact for self-locking and possibly reduced risk of subsidence.



A female connection pocket always provides free access for acetabular preparation, irrespective of surgical preference, such as the “femur first” technique.



Different versions of adapter handles are available for every surgical approach

Implant portfolio

Sizes	Valgus 145°	Standard 135°	Standard 135° Collar	Standard 135° cemented	Lateral 126°	Lateral 126° Collar	Lateral 126° cemented
01	•	75100462*	75018399*	•	•	•	•
0	75102072	75100463	75018400	75002111*	•	•	•
1	75102073	75100464	75018401	75002112*	75100474	75018412	75002120*
2	75102074	75100465	75018402	75002113*	75100475	75018413	75002121*
3	75102075	75100466	75018403	75002114*	75100476	75018414	75002122*
4	75102076	75100467	75018404	75002115*	75100477	75018415	75002123*
5	75102077	75100468	75018405	75002116*	75100478	75018416	75002124*
6	75102078	75100469	75018406	75002117*	75100479	75018417	75002125*
7	75102079	75100470	75018407	75002118*	75100480	75018418	75002126*
8	•	75100471	75018408	75002119*	75100481	75018419	75002127*
9	•	75100472	75018409	•	75100482	75102209	•
10	•	75100473	75018410	•	75100483	75102210	•
11	•	75100509	75018411	•	75100510	75102211	•

* not available in the US

¹ Subject to the indications, contraindications, risk factors, intraoperative, postoperative and other guidance provided in the instructions for use and surgical technique brochure. Cementless and cemented stem options for different intramedullary anatomies and bone qualities (Surgical technique No. 01217, Instructions for use No. 12.23, X-Ray templates No. 2193, 2196, 2197, 03446, 03719, 05302 and technical report «Identification of the population for POLARSTEM» acc. to EN ISO 21534: 2009)

² Tested and approved with appropriately sized femoral head options offered by Smith & Nephew. Stainless steel (FeCrNiMoNbN) heads and stainless steel stems should only be used together. Neither should be used with other metal components. CoCr heads should not be combined with (cemented) stainless steel stems. (Instructions for use No. 12.23 and information No. 2174)

Manufacturer

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