



TaperFit with Trinity acetabular bearings

TaperFit™

Cemented Total Hip Replacement

About

TaperFit is a proven design with over 15 years of excellent clinical results¹.

History

Based on biomechanical principles clinically proven over more than 40 years².

100% survivorship for aseptic loosening with follow-up ranging out to 15 years¹.



Design

Collarless, polished and double tapered implant that utilises a world-class stem design.

Instrumentation is designed for axial and rotational control during insertion.

- Intuitive in-line/axial stem introduction.
- Intraoperative choice of/transition between captive and semi-captive stem introduction designed to reduce the likelihood of cement void creation.



Function

Recreation of biomechanics can be challenging, but with the right system this can be easy and effective.

- Comprehensive range of 36 (CDH), 38, 45 and 50mm offset stems. Cement-in-Cement revision options are available.
- Lateral shoulder improves cement pressurisation, proximal visualisation and final stem position³.
- Highly-polished surface of the TaperFit stem is designed to greatly reduce the risk of micromotion-induced abrasion at the stem-cement interface.



References

1. Gill S, Hussain S, MacLeod J, Finlayson D. Hip Revisions: What Epidemic? The Survivorship of 1143 Corin TaperFit™ Stems; Raigmore Hospital, Inverness. Presented at the British Hip Society Annual Scientific Meeting, Manchester, March 2012.
2. Ling RSM, Charity J, Lee AJC, Whitehouse SL, Timperley AJ, Gie GA. The long-term results of the original Exeter polished cemented femoral component – a follow-up report. J Arthroplasty 2009; Vol 24(4):511-7.
3. Ramos JL, Pandit HG, Edwards S, Grover ML. Lateral approach to the hip; does it predispose to malalignment of the femoral component in total hip arthroplasty? British Orthopaedic Association, Annual Congress 1999, Glasgow, Free Paper Session 16.