

KOSMO[®] Femoral Hip System

Restore Activity



b-ONE
O R T H O



Reduced Risk of Subsidence

Collared stem design options helps reduce the risk of stem subsidence, under-sizing and fracture¹.

Excellent Intramedullary Fixation

The stem body features tapered geometry on both the medial/lateral sides and anterior/posterior sides.

Optimized Mechanical Stability

Tapered geometry of the proximal body resists torsional stress. Horizontal and vertical grooves provide mechanical stability of the stem².

Induces Rapid Osteointegration

Fully HA coated stem induces rapid osteointegration which improves early and long term stability of the stem^{3,4}.

Reduces the Risk of Undersizing

Provide a more predictable intraoperative sizing experience and reduces the risk of under-sizing commonly seen in DAA procedures.

■ Reference

1. Panichkul P, Bavonratanavech S, Arirachakaran A, Kongtharvonskul J. Comparative outcomes between collared versus collarless and short versus long stem of direct anterior approach total hip arthroplasty: a systematic review and indirect meta-analysis. *Eur J Orthop Surg Traumatol*. 2019 Dec;29(8):1693-1704. doi:10.1007/s00590-019-02516-1. Epub 2019 Jul 30. PMID: 31363848.fs
2. Vidalain JP. CORAIL Stem Long-Term Results Based upon the 15-Years ARTRO Group Experience. *Fifteen Years of Clinical Experience with Hydroxyapatite Coatings in Joint Arthroplasty*. Ed. Springer. 2004:217-224.
3. Frayssinet, Patrick & Hardy, D. & Hanker, J.S. & Giammara, B.L.. (1995). Natural history of bone response to hydroxyapatite-coated hip prostheses implanted in humans. *Cells and Materials*. 5, 125-138.
4. Vidalain JP. Twenty-year results of the cementless Corail stem. *Int Orthop*. 2011;35(2):189-194. doi:10.1007/s00264-010-1117-2