Taperloc® Hip System

Combining excellent clinical success and durability over the last 25 years, the Taperloc® hip continues to deliver consistent, reproducible results. The Taperloc® stem is designed after the European philosophy of a flat tapered wedge. It has evolved to incorporate the Reduced Distal and Microplasty™ stems to better address all patient anatomies, and facilitate multiple surgical techniques.

Standard Stem Option

- **Flat Tapered Wedge Geometry**
  Enhances proximal offloading, provides bone preservation and rotational stability

- **Offset Option**
  Standard and lateraled options reproduce various patient anatomies without lengthening the leg

- **Titanium Alloy Ti-6AL-4V**
  Flexibility of titanium allows for stress transfer to preserve cortical density

- **PPS® Coating**
  Allows for initial scratch-fit stability and bone fixation

Reduced Distal Stem Option

- **Reduced Distal Geometry**
  Accurately addresses femoral canals with proximal/distal mismatch

Microplasty™ Stem Option

- **Reduced Length**
  Stem length reduced 35 mm to accommodate a minimally invasive approach to preserve soft tissues and bony structures while offering an alternative to hip resurfacing
Clinical Success of the Taperloc® Hip System

100% Survivorship at a minimum 5 year follow-up in 49 rheumatoid patients

100% Survivorship at a 2–11 year follow-up in 114 patients 80 years old or older

99.6% Survivorship at a 12 year follow-up of 4,750 patients

99% Survivorship at a 22–26 year follow-up in 138 patients

99% Survivorship at a 12 year follow-up in 115 patients

98% Survivorship at 8–13 year follow-up in 91 patients 50 years old or younger

95% Survivorship at a 10–18 year follow-up in 89 obese patients

94% Survivorship at a 10–18 year follow-up in 99 non-obese patients

References


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