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ECHELON®

Revision Hip System

Proven philosophy, distinctive design



Extensively porous coated cylindrical stems have demonstrated excellent long-term clinical results in revision hip arthroplasty. ECHELON® Revision Hip System combines a proven philosophy with distinctive design features to offer versatility and reproducibility.

Versatility

The unpredictable nature of revision surgery demands a variety of implant options with regard to surface treatment, sizing, and proximal bodies.

Family of Implants
The system is composed of cementless and cemented implants with lengths ranging from 190–300 mm, and sizes from 11–22 mm.



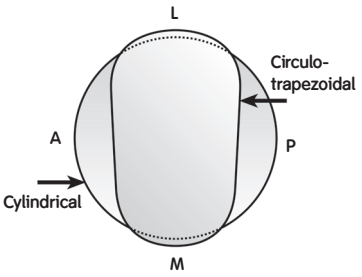
Reproducibility

The surgical technique is straightforward and instrumentation is designed to provide reproducible results.

Rotational Stability
Distal flutes increase rotational stability of the implant.

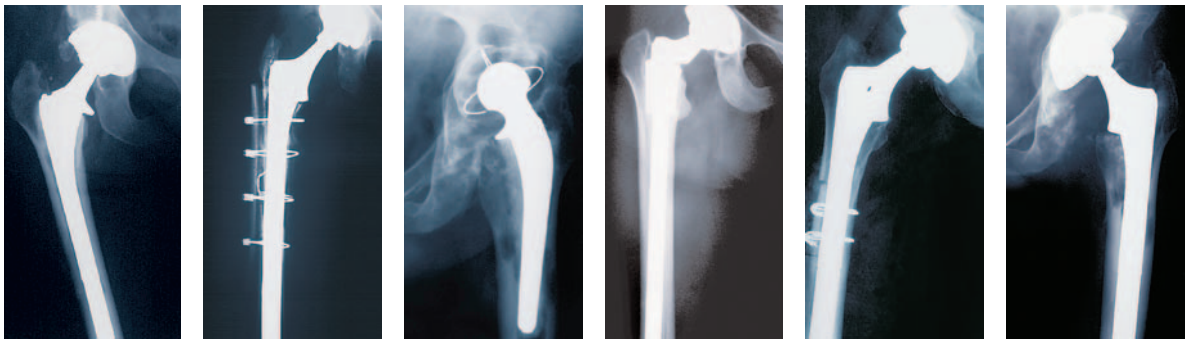


Proper Joint Biomechanics
Circulotrapezoidal neck geometry maximizes range of motion. Neck length is increased for restoration of offset.



Ease of Insertion
A distally slotted, fluted stem generates lower bone strains during insertion than a solid fully coated stem of the same geometry.[1]





[1]Suzuki, Yoshihiro, M.D., Renowitzky, Glen, B.S., Lotz, Jeff, Ph.D., Barrack, Robert L., M.D., Bourne, Robert B., M.D., Rorabeck, Cecil H., M.D., and Ries, Michael D., M.D., *Effect of Cementless Femoral Stem Design on Bone Strains and Torsional Stability.*

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