EnduRo[™] **AS**

Mobility. Stability. Longevity.

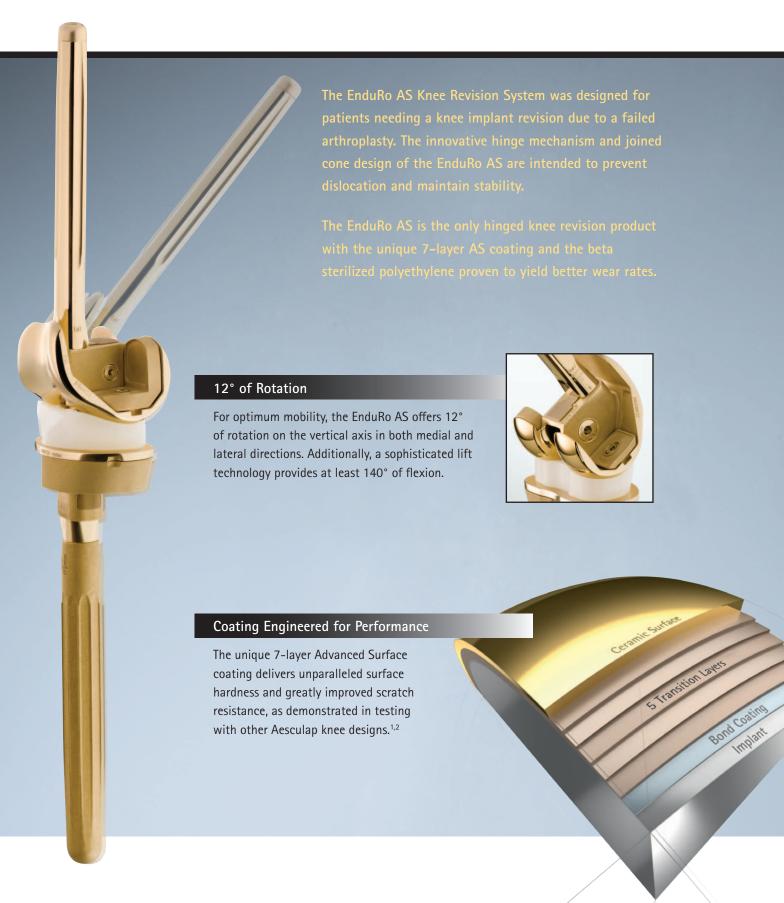


Aesculap Orthopaedics



EnduRo™ AS Knee Revision System

Mobility. Stability. Longevity.



Beta Radiation Sterilization

Improved age resistance through beta-sterilization

Beta-Radiation

Less Free Radicals

Reduced Oxidation

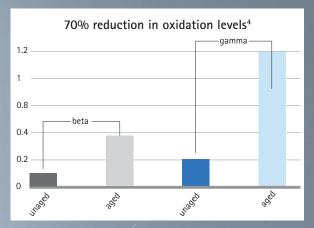
Decelerated Aging Process

Targeted radiation leads to linking of molecular chains

Less oxygen can bond with free

Reduction in oxidation levels Less oxidation means slower aging leading to optimized wear properties and

Beta PE + AS = Advanced Bearing Technology



ASTM F 2003: artificial aging of 10 years acc. to Kurtz et al.⁵ 14 days/70°C/5bar O² shown in

Designed for Stability

The EnduRo™ AS is a hinged knee design. nut provides security against dislocation.

See Instructions for Use for complete indications and contraindications at www.aesculapimplantsystems.com.

- References

 1. Affatato S, Spinelli M, Lopomo N, Grupp TM, Marcacci M, Toni A. Can the method of fixation influence the wear behavior of ZrN coated unicomportmental mobile knee prostheses? Clin Biomech B (Bristo), Avon). 2011 Feb; 26(2); 152–8. Epub 2010 Oct 8.

 2. Grupp TM, Schwiesau T. Determination of the wear behavior of the UNIVATION mobile knee system T018, Mar 2007.

 3. Bell CJ, Walker PS, Abeysundera MR, Simmons JM, King PM, Blunn GW. Effect of oxidation of delamination of ultrahighmolecular-weight polyethylene tibial components. J Arthroplasty 1998 Apr; 13(3):280–90.

 4. Blömer W, Lohrmann E. Verschielßbeständigkeit von UHMWPE-Artikulationen in der Hüftgelenksendoprothetik. In: Weller S, Braun A, Eingartner C, Maurer F, Weise K, Winter E, Volkmann R. Das BICONTACT Hüftendoprothesensystem 1987–2007. Stuttgart: Georg Thieme Verlag; 2007. p. 94–100.

 5. Sharkey PF, Hozack WJ, Rothman RH, Shastri S, Jacoby SM. Insall Award paper. Why are total knee arthroplasties failing today? Clin Orthop Relat Res. 2002 Nov;(404):7-13.



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