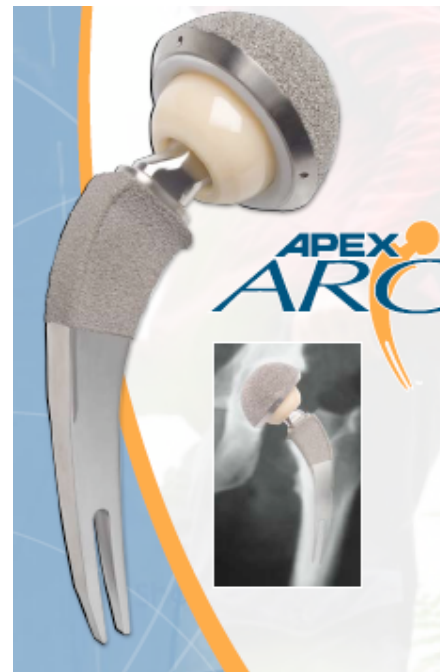
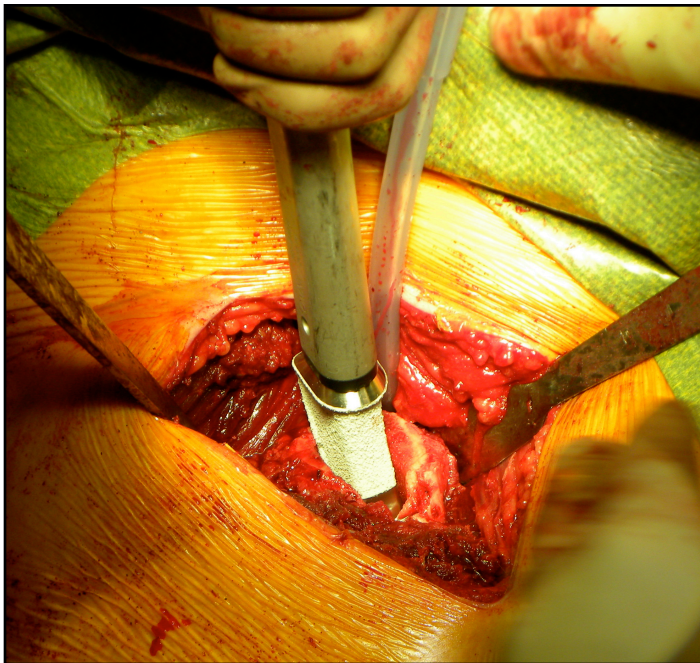


UpDate

Tissue Sparing Implant™ (TSI™) Total Hip Arthroplasty Study Group

1,025 ARC™ Tissue sparing stems implanted.



The ARC™ stem by Omni Orthopaedic™ (licensed technology from Concept Design and Development, LLC) has reached a new threshold of clinical experience. January 2012 the Apex ARC™ Neck Sparing Stem reaching over 1,000 stems implanted.

JISRF has been intimately involved with the design, development and clinical evaluation of this device and we are very pleased with the overall experience of helping to bring this technology into the market place.



All new devices go through an early clinical introduction period with limited product release to ensure instruments and implants have been properly designed. Generally small fine tuning is done prior to any national or international release.



With the creation of the TSI™ Study Group by JISRF this advanced hip technology has been exposed to various CME meetings. Both national and International presentations have been given from, U.S., Australia, Italy, and S. Korea. Surgical videos, and video interviews have been conducted and posted on the publication page of the JISRF Foundation: www.jisrf.org

Case presentations and slide presentations can also be found on our publications page. This advanced hip technology was also highlighted in our newest activity - introduction of our Journal "Reconstructive Review" October 31, 2011.

2011 "Reconstructive Review" **Design Rationale and Early Clinical / Surgical Observations with a Short Curved Tissue Sparing Hip Implant "The Apex ARC™ Stem"**

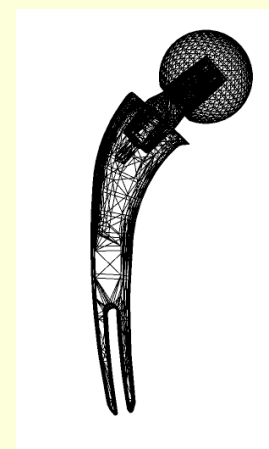
2011 "Reconstructive Review" **FEA Analysis of Neck Sparing Versus Conventional Cementless Stem.**

2011 "Reconstructive Review" **Surgeon Interview on Current Trends in THA.**

Our first CME introduction of this device was as a Poster at the 2008 AAOS Annual Meeting: **"A New Approach To Neck Sparing THA Stem."**

So from concept to clinical evaluation (2008-2012) a new advanced hip technology has been firmly established into the market place. There has only been five stems revised, two for aseptic loosening, one for dislocation, one for a head disassociation and one for infection. Very encouraging for a new technology.

Follow this technology on www.jisrf.org



My thanks to all TSI™ Study Group Members who have been so willing to share their ideas, thoughts, experience and cases, (good, bad & ugly) it is by this shared experience that we reduce harm to our patients and provide clear guidelines and direction to our colleagues.

Timothy McTighe, Dr. H.S. (hc)
Executive Director