

Joint Event

11th International Conference on

OSTEOPOROSIS, ARTHRITIS & MUSCULOSKELETAL DISORDERS
&

10th INTERNATIONAL CONFERENCE ON ARTHROPLASTY

December 04-05, 2017 | Madrid, Spain



Christopher M Melnic

Harvard Medical School, USA

Management and treatment of acetabular bone loss

Acetabular bone loss in the setting of revision total hip arthroplasty can be a potentially complex problem. Given the rise in revision total hip arthroplasty, it is important for all total hip and knee surgeons to be able to successfully manage these patients. A thorough understanding of bone loss management is critical to allow intra-operative versatility during these procedures. Several bone loss classification systems exist, however, the Paprosky classification dictates treatment options based on the bone loss encountered. Extensive pre-operative planning is imperative, but the treating surgeon must remember that the reconstruction plan may change based on the pattern of bone loss that is encountered after the acetabular component has been removed and the remaining bone stock is reassessed.

Recent Publications:

1. Melnic CM, Sheth NP. Operative Technique: Acetabular Distraction for Severe Acetabular Bone Loss with Associated Chronic Pelvic Discontinuity. *University of Pennsylvania Orthopaedic Journal* 2015; 25: 68-70.
2. Melnic CM, Courtney PM, Talerico MT, Sheth NP, Paprosky WG. Failed Hip Arthroplasty: Revision. *Chapman's Comprehensive Orthopaedic Surgery 4th Edition*, Jaypee Publishing, 2016.
3. Sheth NP, Melnic CM, Paprosky WG. Acetabular distraction: an alternative for severe acetabular bone loss and chronic pelvic discontinuity. *Bone Joint J* 2014;96-B(11 Supple A):36-42.
4. Sheth NP, Melnic CM, Paprosky WG. Evaluation and management of chronic total hip instability. *Bone Joint J* 2016;98-B(1 Suppl A):44-9.
5. Sheth NP, Melnic CM, Paprosky WG. Acetabular Revision: Chronic Pelvic Dissociation. *The Adult Hip: Master Case Series and Techniques*. Springer Publishing, New York, NY; 2016.
6. Sheth NP, Melnic CM, Paprosky WG. Acetabular Revision: Acute Pelvic Dissociation. *The Adult Hip: Master Case Series and Techniques*. Springer Publishing, New York, NY; 2016.

Biography

Christopher M Melnic attended Boston College where he majored in Biology, minored in Mathematics, and was granted early acceptance into Tufts University School of Medicine where he obtained his medical degree. He completed his residency in Orthopaedic Surgery at The Hospital of the University of Pennsylvania followed by a fellowship in Adult Joint Reconstruction at the prestigious Rush University in Chicago. During his fellowship, he focused on complex hip and knee replacement surgery, partial knee replacements, as well as minimally invasive surgical techniques. He currently practices at Massachusetts General Hospital and Newton-Wellesley Hospital where his practice focuses on minimally invasive joint replacement, partial knee replacements, and complex primary and revision hip and knee replacements. He is also a clinical instructor of Orthopaedic Surgery at Harvard Medical School.

christopher.melnic@gmail.com