

# Academic Log of Orthopaedic Surgery

2011

## Published Articles 2010 - 2011

1. Sharma S, **Iorio R, Specht LM**, Davies-Lepie S, **Healy WL**: Complications of femoral nerve block for total knee arthroplasty. *Clinical Orthopaedics and Related Research*, 468: 135-140, 2010.
2. **Healy WL**. Ode to Total Knee Arthroplasty (With Apologies to Henry Wadsworth Longfellow and Paul Revere). *Journal of Bone and Joint Surgery*, Vol. 92-A, No. 2, February 2010.
3. **Iorio, Richard**; Puskas, Brian; **Healy, William L.**; **Thompson, Michael**; **Tilzey, John F.**, and **Specht, Lawrence**: Cementless Acetabular Fixation With and Without Screws: Analysis of Stability and Migration. *Journal of Arthroplasty*, Vol 25, No. 2, 309-313, 2010.
4. Fehring, Thomas; Odum, Susan; Troyer, Jennifer; and **Iorio, Richard**: Joint Replacement Access in 2016: A Supply Side Crisis. *Journal of Arthroplasty*, Vol 25, No. 8, 1175-1181, 2010.
5. **Baumfeld JA**, van Riet RP, Zobitz ME, Eygendaal D, An KN, Steinmann SP Triceps Tendon Properties and its Potential as an Autograft, *J Shoulder Elbow Surg*. 2010 Apr 21. [Epub ahead of print]
6. **Soong M**, Schmidt S. Acute contaminated open forearm fractures treated with VersaJet Hydrosurgical Débridement. *J Orthop Trauma*. 2010 Jul;24(7):e66-8.
7. **Soong M**, Got C, Katarincic J. Ring and little finger metacarpal fractures: mechanisms, locations, and radiographic parameters. *J Hand Surg Am*. 2010 Aug;35(8):1256-9.
8. **Iorio, Richard**; Davis, Charles; Healy, William L.; Fehring, Thomas; O'Connor, Mary I.; and York, Sally: Impact of the Economic Downturn on Adult Reconstruction Surgery: A Survey of the American Association of Hip and Knee Surgeons. *Journal of Arthroplasty*, Vol. 25, No. 7, 1005-14, 2010.
9. Toman, Jared; **Iorio, Richard**; and **Healy, William L.**: All Polyethylene Tibial Components for All Patients. *Clinical Orthopaedics and Related Research*. Submitted for publication, December 2010.
10. **Iorio, Richard**; **Williams, Kelly**; **Marcantonio, Andrew**; **Specht, Lawrence M.**; **Tilzey, John F.**; and **Healy, William L.**; Diabetes Mellitus, Hemoglobin A1c and the Incidence of Total Joint Arthroplasty Infection. *Journal of Bone and Joint Surgery*. Submitted for publication, January 2011.
11. Rana, Adam; **Iorio, Richard**; and **Healy, William L.**: Hospital Economics of Primary Total Hip Arthroplasty: Evolution from 1990 to 2008. *Clinical Orthopaedics and Related Research*, 469: 355-361, 2011.
12. **Healy, William L.**; Rana, Adam; and **Iorio, Richard.**: Hospital Economics of Primary Total Knee Arthroplasty at a Teaching Hospital. *Clinical Orthopaedics and Related Research*, 469: 87-94, 2011.
13. Lawless, Bryan M.; **Healy, William L**; Sharma, Sanjeev; and **Iorio, Richard**. Outcome of Isolated Acetabular Revisions. *Clinical Orthopaedics and Related Research*, 468: 472-79, 2010.
14. **Healy WL**. Thoughts on Teaching (for Orthopaedic Graduates). *Journal of Bone and Joint Surgery*, Vol. 93-A, No. 1, January 2011.
15. **Soong M**, van Leerdam R, Guitton TG, Got C, Katarincic J, Ring D. Fracture of the distal radius: risk factors for complications after locked volar plate fixation. *J Hand Surg Am*. 2011 Jan;36(1):3-9.
16. **Healy WL**, Rana AJ, Iorio R, Hospital Economics of Primary Total Knee Arthroplasty at a Teaching Hospital, *Clinical Orthopaedics and Related Research*, February 2011.

17. **Soong M**, Earp BE, Bishop G, Leung A, Blazar P. Volar locking plate implant prominence and flexor tendon rupture. *J Bone Joint Surg Am*. 2011 Feb;93(4):328-35.

### **Chapters 2010 - 2011**

1. **Baumfeld JA, Thompson M, and Healy WL**, [Chapter] Athletic Activity After Joint Arthroplasty, in Chen and Hawkins, editors, *Care of the Mature Athlete*, in press
2. **Lemos, Mark J.**, Lemos, David W. and Lemos, Stephen E. Arthroscopic Evaluation and Diagnosis of the Patellofemoral Joint: CH 9: in *AANA Advanced Arthroscopy: The Knee*, ed. R Ryu, pg 80-91, 2010.
3. **Specht, Lawrence M.; Iorio, Richard; Tilzey, John F., and Healy, William L.**: Preoperative Planning and Templating for TKA. Chapter 7 in *Advanced Reconstruction: Knee*. Edited by Jay R. Lieberman and Daniel J. Berry, AAOS, Rosemont, IL, 2011.
4. **Tilzey, John and Iorio, Richard**: Previous Proximal Femoral Fracture/Proximal Femoral Deformity. Chapter 77 in *Surgery of the Hip*. Edited by Daniel J. Berry and Jay R. Lieberman, Elsevier, New York, NY, 2010.

### **Scientific Presentations/Posters/Exhibits/Invited Lectures/Instructors 2010 - 2011**

1. **Baumfeld, JA.** John Hopkins Grand Rounds, Knee Dislocations, January 2010
2. **Tolo ET.** Enthesiopathies around the Elbow. Panelist New England Shoulder and Elbow Society 7th Annual Meeting, Jay Peak, VT; February 2010.
3. **Tolo ET.** Surgical Site Infections: Decreasing Risk in Orthopaedic Surgery. Presented for Orthopaedic Surgery Grand Rounds, Lahey Clinic, Burlington, MA; February 2010.
4. **Tolo ET.** Distal Humeral Fractures. Panelist New England Shoulder and Elbow Society 7th Annual Meeting, Jay Peak, VT; February 2010
5. **Tolo ET.** Nonoperative Treatment of Distal Biceps Tendon Ruptures. Presented to New England Shoulder and Elbow Society 7th Annual Meeting, Jay Peak, VT; February 2010.
6. Rana, Adam; **Iorio, Richard;** and **Healy, William L.**: Hospital Economics of Primary Total Knee Arthroplasty: Evolution from 1990 to 2008 (P112). Exhibited at AAOS; New Orleans, LA, March 2010.
7. **Healy WL**, Standard Surgical Approach for Total Knee Arthroplasty. AAOS/Knee Society Symposium: Techniques and Controversies in Total Knee Arthroplasty, New Orleans, LA, March 2010.
8. Rana A, **Iorio RI**, and **Healy WL**, Hospital Economics of Primary TKA at a Teaching Hospital. The Knee Society, New Orleans, LA, March 2010.
9. **Marcantonio AJ**, Proximal Femur Trauma: An Update. Lahey Clinic Continuing Nursing Education Trauma Symposium. March, 2010
10. **Marcantonio AJ**, Damage Control Orthopaedics. Lahey Clinic General Surgery Resident Lecture Series. March, 2010
11. Toman J, **Iorio R**, and **Healy WL**, All Polyethylene Tibial Components – Maximal Survivorship with Minimal Cost. AAOS Scientific Program, New Orleans, LA, March 2010.
12. **Tolo ET.** Surgical Anatomy of 10 Common Upper Extremity Conditions. Instructor, Instructional Course Lecture 183 American Academy of Orthopaedic Surgeons 2010 Annual Meeting New Orleans, LA; March 2010.
13. **Baumfeld, JA.** Mayo Graduate School of Medicine, Advanced Techniques in Shoulder Arthroplasty, Arthroscopy and Fractures, Lab Instructor, April 2010

14. **Baumfeld, JA.** Arthroscopy Association North America “New Horizons” Advances in knee surgery Ligament Focus, Lab instructor, April 2010
15. **Marcantonio AJ,** Operative Treatment of Midshaft Clavicle Fractures. New England Orthopaedic Society Spring Meeting. Boston, MA. May, 2010
16. **Healy WL,** Thoughts on Teaching (For Orthopaedic Graduates). New England Baptist Hospital. June 2010.
17. **Tolo ET.** Complications of Volar Locked Plates in Treatment of Distal Radius Fractures. Presented for Carpe Diem Hand Club 11th Annual Summer Meeting, Southampton, NY; July 2010.
18. **Baumfeld, JA.** Sociedad de Orthopedia y Traumatologia del Uruguay, Orthopaedic & Traumatology Uruguayan meeting, Invited speaker, Montevideo, Uruguay, September 2010
19. **Iorio R, III Davis CM, Healy WL,** and Fehring TK, O’Connor MI, York S, Impact of the Economic Downturn on Adult Reconstruction Surgery: A Survey of the American Association of Hip and Knee Surgeons, Rochester, MN. September 2010.
20. **Iorio R,** and **Healy WL,** Diabetes Mellitus, Hemoglobin A1c and the Incidence of Total Joint Arthroplasty Infection. Hip Society, New York, New York. September 2010.
21. **Lemos MJ,** The Wider Scope of Arthroscopy Fellowship Program, Faculty, September 2010
22. **Healy WL,** M.I.S. Approaches for TKA Do They Still Have a Role, London Knee Meeting, London, England, October 2010.
23. **Healy WL,** The Future of Total Knee Arthroplasty (A Personal View), London Knee Meeting, London, England, October 2010.
24. **Lemos MJ,** ACTIVE WOMEN, HEALTHY JOINTS, the Lahey Clinic Women’s Health Forum, Sports Medicine, Mark Lemos , MD October 2010
25. **Tolo ET.** Surgical Treatment of Elbow Arthritis Presented to the Baystate Hand Group, Lahey Clinic, Burlington MA; October 2010.
26. **Lemos MJ,** Moderator Eastern Orthopaedic Association, October 2010
27. **Tolo ET.** Distal Biceps Repair: Does Fixation Matter? Presented to the Hospital for Special Surgery 94th Annual Alumni Meeting, NY, NY, November 2010
28. **Tolo ET.** Class of 2000 Alumni Presentation Presented to the Hospital for Special Surgery 94th Annual Alumni Meeting, NY, NY, November 2010.
29. **Baumfeld JA** New England Orthopaedic Society, ACL reconstruction in patients over 40, November 2010
30. **Soong M,** van Leerdam R, Guitton TG, Got C, Katarincic J, Ring D. Fracture of the distal radius: risk factors for complications after locked volar plate fixation .American Society for Surgery of the Hand. 65th Annual Meeting, Boston, MA. 0/9/10.International Federation of Societies for Surgery of the Hand. 11th Congress. Seoul, South Korea. 11/3/10.
31. Bishop G, Everding N, **Soong M.** Complications of open trigger finger release.New England Hand Society. 38th Annual Meeting, Sturbridge, MA. 12/3/10.
32. Everding N, Mooney V, **Soong M.** Static scapholunate instability after distal radius volar plating. New England Hand Society. 38th Annual Meeting, Sturbridge, MA. 12/3/10.
33. **Iorio, Richard;** Davis, Charles; **Healy, William L.;** Fehring, Thomas;O’Connor, Mary I.; and York, Sally: Impact of the Economic Downturn on Adult Reconstruction Surgery: A Survey of the American Association of Hip and Knee Surgeons. Exhibited at AOA, Boston, MA, June 2011, and AAOS, San Diego, CA, February 2011
34. **Iorio, Richard; Williams, Kelly; Marcantonio, Andrew; Specht, Lawrence M.; Tilzey, John F.,** and **Healy, William L.;** Diabetes Mellitus, Hemoglobin A1c and the Incidence of Total Joint

- Arthroplasty Infection. Exhibited at AOA, Boston MA, June 2011, and AAOS, San Diego, CA, February 2011.
35. **Healy WL.** High Flexion TKA Implants Do Not Improve Function Following TKA. AAOS/Knee Society Symposium: AAOS Annual Meeting, San Diego, CA, February 2011.
  36. **Iorio R, III Davis CM, Healy WL, Fehring TK, O'Connor MI, York S,** Impact of the Economic Downturn on Adult Reconstruction Surgery. AAOS, San Diego, CA, February 2011.
  37. **Tolo ET.** Surgical Anatomy of 10 Common Upper Extremity Conditions. Moderator and Instructor, Instructional Course Lecture 382 American Academy of Orthopaedic Surgeons 2011 Annual Meeting, San Diego, CA; February 2011.
  38. **Iorio R, Healy WL,** Diabetes Mellitus, Hemoglobin A1c and the Incidence of Total Joint Arthroplasty Infection. AAOS, San Diego, CA, February 2011.
  39. **Marcantonio AJ,** Grand Rounds – Beverly Hospital Trauma Committee – Orthopaedic Trauma Case Presentations. Beverly, MA. March, 2011
  40. **Tolo ET.** Anatomy and Biomechanics of the Elbow & Surgical Treatment of Elbow Arthritis, Boston University Orthopaedic Surgery Residency core curriculum Boston, MA; March 2011.

### **Grants 2010 - 2011**

1. **Marcantonio A. (Principle Investigator)** *Fluid Lavage of Open Wounds (FLOW): A Multi-Center, Blinded, Factorial Trial Comparing Alternative Irrigating Solutions and Pressures in Patients with Open Fractures.* Funding from United States Army Institute of Surgical Research, Orthopaedic Trauma Research Program (OTRP)
2. **Marcantonio AJ. (Principle Investigator)** *Fixation using Alternative Implants for the Treatment of Hip Fractures): A Multi-Center Randomized Trial Comparing Sliding Hip Screws and Cancellous Screws on Revision Surgery Rates and Quality of Life in the Treatment of Femoral Neck Fractures (FAITH).* National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS). Clinical Trials.gov Identifier: NCT00556842
3. **Marcantonio AJ. (Principle Investigator)** *Hip Fracture Evaluation with Alternatives of Total Hip Arthroplasty Versus Hemiarthroplasty (HEALTH).* National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS). Clinical Trials.gov Identifier: NCT00556842
4. **Marcantonio AJ. (Principle Investigator)** *Standard Reaming versus Reaming/Irrigating/Aspirating for Intramedullary Femoral Nailing of Femoral Shaft Fractures (STAFF).* Greenville Hospital System University Medical Center. Clinical Trials.gov Identifier: NCT00534326