



Recent Campbell Foundation Publications

Amini M, Mayes W, Tzeng A, Tzeng TH, Saleh KJ, Mihalko WM. Evaluation & Management of Metal Hypersensitivity in Total Joint Arthroplasty: A Systematic Review. *Journal of Long-Term Effects of Medical Implants* 01/2014; 24(1):25-36.

Astur N, Flynn JM, Ramirez N, Glotzbecker M, van Bosse HJ, Hoashi JS, d'Amato CR, Kelly DM, Warner WC Jr, Sawyer JR. The efficacy of rib-based distraction with VEPTR in the treatment of early-onset scoliosis in patients with arthrogryposis. *J Pediatr Orthop*. 2014 Jan;34(1):8-13. doi: 10.1097/BPO.0bo13e3182a00667. PMID: 24327164

Astur N, Sawyer JR, Klimo P Jr, Kelly DM, Muhlbauer M, Warner WC Jr. Traumatic atlanto-occipital dislocation in children. *J Am Acad Orthop Surg*. 2014 May;22(5):274-82. doi: 10.5435/JAAOS-22-05-274. Review. PMID: 24788443

Azar FM. Building a bigger box. *J Am Acad Orthop Surg*. 2014 Jun;22(6):341-5. doi: 10.5435/JAAOS-22-06-341. PMID: 24860129

Cannon TA, Neto NA, Kelly DM, Warner WC Jr, Sawyer JR. Characterization of radiation exposure in early-onset scoliosis patients treated with the vertical expandable prosthetic titanium rib. *J Pediatr Orthop*. 2014 Mar;34(2):179-84. doi: 10.1097/BPO.0000000000000079. PMID: 24172680

Crenshaw, AH, Total Joint Reconstruction: Total Knee Arthroplasty, 1978-1993. *Current Orthopaedic Practice*: March/April 2014 - Volume 25 - Issue 2 - p 130-135 doi: 10.1097/BCO.0000000000000083

Cusick MC, Bonnaig NS, Azar FM, Mauck BM, Smith RA, Throckmorton TW. Accuracy and reliability of the Mayo Elbow Performance Score. *J Hand Surg Am*. 2014 Jun;39(6):1146-50. doi: 10.1016/j.jhsa.2014.01.041. Epub 2014 Mar 20. PubMed PMID: 24656392

Davidson AR, Murphy RF, Spence DD, Kelly DM, Warner WC Jr, Sawyer JR. Accessibility and Quality of Online Information for Pediatric Orthopaedic Surgery Fellowships. *J Pediatr Orthop*. 2014 May 19. [Epub ahead of print] PMID: 24840658

Fesmire A, Sawyer JR, Warner WC Jr, Buckingham S, Bagga B, Anand K, Kelly DM. Systemic Clostridium Toxicity Resulting From a Knee Laceration in a Child. *J of Pediatric Infectious Diseases*, 9 (2104) 31-35

Ford M, Woodard E, Mihalko WM. Review of Soft-Tissue Balancing Techniques for & Valgus Deformity During TKA. *Minerva Ortopedica e Traumatologica*. 2014 April;65(2):103-10



Gilbert SR, Maclennan PA, Backstrom I, Creek A, Sawyer J. Altered lower extremity fracture characteristics in obese pediatric trauma patients. *J Orthop Trauma*. 2014 Apr 15. [Epub ahead of print] PMID: 24740109

Hall JM, Azar FM, Miller RH 3rd, Smith R, Throckmorton TW. Accuracy and reliability testing of two methods to measure internal rotation of the glenohumeral joint. *J Shoulder Elbow Surg*. 2014 Mar 4. pii: S1058-2746(13)00640-X. doi: 10.1016/j.jse.2013.12.015. [Epub ahead of print] PMID: 24618193

Harkess, JW, Murphy, RF, Mihalko WM. The Progression of Total Knee Arthroplasty from 1993-2013. *Current Orthopaedic Practice*, March/April 2014 - Volume 25 - Issue 2 - p 136-142. doi: 10.1097/BCO.0000000000000086. *Journal of Long-Term Effects of Medical Implants*: 2014; 24(1): 7-12

Hung M, Baumhauer JF, Brodsky JW, Cheng C, Ellis SJ, Franklin JD, Hon SD, Ishikawa SN, Latt LD, Phisitkul P, Saltzman CL, SooHoo NF, Hunt KJ. Psychometric Comparison of the PROMIS Physical Function CAT With the FAAM and FFI for Measuring Patient-Reported Outcomes. Orthopaedic Foot & Ankle Outcomes Research (OFAR) of the American Orthopaedic Foot & Ankle Society (AOFAS). *Foot Ankle Int*. 2014 Mar 27;35(6):592-599. [Epub ahead of print] PMID: 24677217

Kedia M, Williams M, Jain L, Barron M, Bird N, Blackwell B, Richardson DR, Ishikawa S, Murphy GA. The effects of conventional physical therapy and eccentric strengthening for insertional achilles tendinopathy. *Int J Sports Phys Ther*. 2014 Aug; 9(4):488-97. PMID: 25133077

Kelly DM, Heyworth BE, Kruse RW, Edmonds EW, VanderHave KL, Podeszwa DA, Talwalkar VR, Warner WC Jr, Gordon JE. Current state of pediatric orthopaedic disaster response. Pediatric Orthopedic Society of North America (POSNA) Trauma and Prevention Committee 2011-2012. *J Pediatr Orthop*. 2014 Apr-May;34(3):231-8. doi: 10.1097/BPO.0000000000000107. PMID: 24172681

Mall NA, Abrams GD, Azar FM, Traina SM, Allen AA, Parker R, Cole BJ. Trends in primary and revision anterior cruciate ligament reconstruction among national basketball association team physicians. *Am J Orthop*. 2014 Jun;43(6):267-71. PMID: 24945476

Mihalko WM. Preface: Local and systemic effects of wear particles from orthopedic devices. *J Long Term Eff Med Implants*. 2014;24(1):vi-vii. PMID: 25076505

Mihalko WM, Djenderedjian L, Cheema PS, Smith R. Effects of gelsolin on macrophage inflammatory responses to orthopaedic implant wear debris. *J Long Term Eff Med Implants*. 2014;24(1):57-63. PMID: 24941406



Mihalko WM, Wimmer MA, Pacione CA, Laurent MP, Murphy RF, Rider C. How Have Alternative Bearings and Modularity Affected Revision Rates in Total Hip Arthroplasty? *Clin Orthop Relat Res*. 2014 Jul 29. [Epub ahead of print] PMID: 25070918

Mihalko WM, Woodard EL, Hebert CT, Crockarell JR, Williams JL. Biomechanical Validation of Medial Pie-Crusting for Soft-Tissue Balancing in Knee Arthroplasty. *J Arthroplasty*. 2014 Sep 16. pii: S0883-5403(14)00660-3. doi: 10.1016/j.arth.2014.09.005. [Epub ahead of print] PMID: 25288524

Mitchelson A, Wilson C, Mihalko WM, Grupp T, Manning B, Dennis D, Goodman S, Tzeng T, Vasdev S, and Saleh K. Biomaterial Hypersensitivity: Is It Real? Supportive Evidence and Approach Considerations for Metal Allergic Patients Following Total Knee Arthroplasty. *BioMed Research International*. 2014 Sept. Article ID 137287

Murphy RF, Azar FM, Throckmorton TW. Accuracy Testing of Four Physical Examination Maneuvers for Detecting Lateral Epicondylitis. *Current Ortho Practice* pending publication in 2015

Murphy RF, Littleton TW, Throckmorton TW, Richardson DR. Discordance in current procedural terminology coding for foot and ankle procedures between residents and attending surgeons. *J Surg Educ*. 2014 Mar-Apr;71(2):182-5. doi: 10.1016/j.jsurg.2013.07.005. Epub 2013 Oct 3. PMID: 24602706

Murphy W, Naranje SM, Kelly DM, Spence DS, Warner WC, Beaty JH, Sawyer JR. Nonaccidental Traumatic Dislocation of the Hip in a 3-Year-Old Child: A Report of a Rare Pediatric Injury. *Am J Orthop*. 2014 Aug.

Pretell-Mazzini J, Murphy RF, Kushare I, Dormans JP. Unicameral bone cysts: general characteristics and management controversies. *J Am Acad Orthop Surg*. 2014 May;22(5):295-303. doi: 10.5435/JAAOS-22-05-295. Review. PMID: 24788445

Pretell-Mazzini J, Murphy RF, Sawyer JR, Spence DD, Warner WC Jr, Beaty JH, Moisan A, Kelly DM. Surgical treatment of symptomatic accessory navicular in children and adolescents. *Am J Orthop*. 2014 Mar;43(3):110-3. PMID: 24660174

Rhodes L, Nash C, Moisan A, Scott DC, Barkoh K, Warner WC Jr, Sawyer JR, Kelly DM. Does Preoperative Orientation and Education Alleviate Anxiety in Posterior Spinal Fusion Patients? A Prospective, Randomized Study. *J Pediatr Orthop*. 2014 Jul 17. [Epub ahead of print] PMID: 25036417

Rush JK, Astur N, Scott S, Kelly DM, Sawyer JR, Warner WC Jr. The Use of Magnetic Resonance Imaging in the Evaluation of Spondylolysis. *J Pediatr Orthop*. 2014 Jun 24. [Epub ahead of print] PMID: 24978120

Sawyer JR. Children are not small adults. *Am J Orthop*. 2014 Jan;43(1):19-20. PMID: 24490180



Stephens BF, Hakki S, Saleh KJ, Mihalko WM. Clinical Alignment Variations in Total Knee Arthroplasty with Different Navigation Methods. *Knee*. 2014 Mar 12. pii: S0968-0160(14)00054-4. doi: 10.1016/j.knee.2014.03.001. PubMed PMID: 24894686

Stephens BF, Murphy GA, Mihalko WM. The effects of nutritional deficiencies, smoking, and systemic disease on orthopaedic outcomes. *Instr Course Lect*. 2014;63:393-9. PMID: 24720324

Stevens T, Harkess JW, Mihalko WM. The Influence of Computer Navigation in TKA Gap Balancing. *Current Advances in Total Knee Arthroplasty*, www.futuremedicine.com. 2014 Feb; 32-43. Doi: 10.2217/fmeb2013.13.251

Thompson NB, Kelly DM, Warner WC Jr, Rush JK, Moisan A, Hanna WR Jr, Beaty JH, Spence DD, Sawyer JR. Intraobserver and interobserver reliability and the role of fracture morphology in classifying femoral shaft fractures in young children. *J Pediatr Orthop*. 2014 Apr-May;34(3):352-8. doi: 10.1097/BPO.000000000000095. PubMed PMID: 24172678

Throckmorton, TW. Glenohumeral Arthritis: Current Indications for Hemiarthroplasty vs TSA. *Techniques in Shoulder & Elbow Surgery* pending publication.

Throckmorton, TW, Alexander TC. The Effect of Humeral Rotation on Elbow Range of Motion Measurements. *American J Ortho* pending publication.

Throckmorton TW, Kraemer P, Kuhn JE, Sasso RC. Differentiating cervical spine and shoulder pathology: common disorders and key points of evaluation and treatment. *Instr Course Lect*. 2014;63:401-8. PMID: 24720325

Throckmorton TW, Vogt W, Wasmaie J, Hurst J, Frostick S, Sperling J. Patient-Specific Targeting Guides for Glenoid Component Placement in Shoulder Arthroplasty: Technique & Initial Clinical Experience. *Techniques in Shoulder & Elbow Surgery* pending publication.

Weinlein JC, Deaderick S, Murphy RF. Morbid Obesity Increases the Risk of Systemic Complications in Patients with Femoral Shaft Fractures. *J Orthop Trauma*. 2014 Jun 26. [Epub ahead of print] PMID: 24978946

Wodowski AJ, Rider CM, Mihalko WM. Local tissue reaction and necrosis-induced femoral nerve palsy in a patient with a metal-on-metal total hip arthroplasty: a case report. *J Long Term Eff Med Implants*. 2014;24(1):7-12. PMID: 24941401