



Journal of Surgical Orthopaedic Advances

VOLUME 33, NUMBER 3

FALL 2024

Contents

FEATURE ARTICLES

- Tranexamic Acid in Shoulder and Knee Arthroscopy** 131
Daniel J. Song, MD; Emily R. McDermott, MD; Brian F. Grogan, MD; David J. Tennent, MD;
Justin J. Ernat, MD, MHA
- Adolescent Compressive Epiphysitis of the Spine: A Diagnosis for Adolescent Back Pain**..... 135
Alexander H. Jinnah, MD, PhD; Rosser McCallie, MD; Georges A. Abdelahad, BS;
Alejandro Marquez-Lara, MD, PhD; Michael S. Hughes, MD; John Frino, MD

PRIMARY ARTICLES

- Risk Factors for Postoperative Deep Venous Thrombosis and Pulmonary Embolism Following Primary Total Hip Arthroplasty and Primary Total Knee Arthroplasty**..... 138
Catherine Raquel, BS; Michael Zebold, BS; Michael Foy, BS; Anshum Sood, MD;
Mark Gonzalez, MD, PhD
- Efficacy of Liposomal Bupivacaine Versus a Traditional Local Anesthetic in Periarticular Injections during Total Hip Arthroplasty: A Systematic Review and Meta-analysis**..... 143
Samantha Harrer, BA; Michael Yayac, MD; Gregory R. Toci, BS; Eric Levicoff, MD;
P. Maxwell Courtney, MD; Andrew M. Star, MD; and Arjun Saxena, MD, MBA
- Time and State Opioid Legislation Have Reduced Opioid Filling in Elective Shoulder Surgery** 152
Daniel J. Cunningham, MD, MHSc; Jay Levin, MD, MBA; Jeffrey O'Donnell, MD;
Joshua Helmkamp, MD; Oke Anakwenze, MD, MBA; Tally Lassiter, MD, MHA;
Mark J. Gage, MD; Christopher S. Klifto, MD

Patient Language Does Not Impact Need for Manipulation Following Total Knee Arthroplasty 158
David M. Ramsden, MD; Nicholas R. Pagani, MD; Jordan A. Santiago, BA; Mariano E. Menendez, MD; Michael D. Baratz, MD; Matthew J. Salzler, MD

Enhanced Recovery Pathway Reduced Opioid Use and Pain Scores in Elective Spine Surgery..... 162
Logan A. Reed, MD; Kevin Luque-Sanchez, MD; Alexander Mihos, MD; Eli B. Levitt, MD; Roland T. Short, MD; Christopher A. Godlewski, MD; Steven M. Theiss, MD

Outcomes of Total Hip Arthroplasty With and Without a History of Hip Arthroscopy 168
Laura A. Stock, MS; Andrea H. Johnson, MSN, CRNP; Jane C. Brennan, MS; Justin J. Turcotte, PhD, MBA; Benjamin M. Petre, MD; Paul J. King, MD

The Fate of Orthopaedic Surgery Applicants from Medical Schools Without an Orthopaedic Surgery Residency 172
Joshua R. Eskew, MD; Jonathan J. Light, MS; Amelia J. Weingart, MD; Jacob R. Jackowski, MD; Natalie M. Marengi, MD; Lisa Cannada, MD

Civilian Ballistic Distal Femur Intraarticular Fracture Patterns 178
Colin Cantrell, MD; Gregory Versteeg, MD; Haley Smith, MD; Daniel Johnson, MD; Erik Gerlach, MD; Michael Stover, MD; Bennet Butler, MD

Impact of Tourniquet Use During Intramedullary Tibial Nailing on Clinical Outcomes 181
Lindsay Luce, MD; William Barfield, PhD; Charles Cody White, MD; Weston McDonald, BS; Kristoff Reid, MD; Langdon Hartsock, MD

Comparing Severity of Knee Arthritis at an Urban Center by Insurance Type Prior to Total Knee Arthroplasty..... 184
Salvador G. Ayala, BS; Abhishek Deshpande, MD; Michael J. Patetta, MD; Julio C. Castillo Tafur, MD; Ye Lin, MD; Diego Barragan Echenique, MD; Mark H. Gonzalez, MD, PhD

Cemented Versus Cementless Primary Total Knee Arthroplasty in Obese Patients: A Systematic Review 189
Jordan G. Tropf, MD; Timothy P. Murphy, MD; Emily Shohfi, MLIS, AHIP; John P. Cody, MD; Robert W. Tracey, MD

ANNOUNCEMENTS 196

CONTINUING MEDICAL EDUCATION QUESTIONNAIRE 197

CONTINUING MEDICAL EDUCATION ANSWER FORM..... 200