



Contents

FEATURE ARTICLES

- Suture Augmentation of Internal Fixation for Highly Comminuted Patella Fractures** 201
Zachary Telgheder, MD; Gauray Mookerjee, MD; James Aglio, III, MD; Matthew P. Sullivan, MD
- Antimicrobial Incise Drapes in Knee and Hip Arthroplasties: Meta-analysis of Randomized Controlled and Prospective Cohort Studies** 206
Adam Pearl, MD; Mohamed E. Awad, MD, MBA; Ahmad I. Hasan, MD, MSc; Khaled J. Saleh, MD, MSc, FRCS, MHCH, CPE

PRIMARY ARTICLES

- Rates and Risk Factors for Quadriceps and Patellar Tendon Repair Failure: A Single Institution Case Series** 212
Madilyn Mandich, BS; Andrea H. Johnson, MSN, CRNP; Christina M. Morganti, MD; James J. York, MD; Benjamin M. Petre, MD; Justin J. Turcotte, PhD, MBA; Daniel E. Redziniak, MD
- Handling of Sharps in the Operating Room: A Single Institution Review** 216
Bryanna Vesely, DPM, MD; Madeline Fram, BA; Matthew King, DPM; Lindsay LeSavage, DPM; Dekarlos Dial, DPM; Ashleigh Medda, DPM
- Liposomal Bupivacaine Use During Adolescent Idiopathic Scoliosis Surgery Decreases Postoperative Narcotic Usage** 219
Alexander H. Jinnah, MD, PhD; Rosser McCallie, MD; Alejandro Marquez-Lara, MD, PhD; Nicholas Tully, BS; Michael S. Hughes, MD; John Frino, MD
- Infection Rates in Open Hand Fractures: Can Surgical Treatment Be Delayed?** 222
Mark Adam Tait, MD; John White Bracey, MD; Paulvalery Roulette, MD; Daniel Robert Lewis, MD

Return to Shooting Sports After Shoulder Surgery: An Expert Survey..... 225
 Robert R. Williams, MD; Jeremy S. Somerson, MD

Public Knowledge and Perception of Outpatient Shoulder Arthroplasty 228
 Jay M. Levin, MD, MBA; Aman Chopra, BA; Daniel E. Goltz, MD, MBA;
 John Wickman, MD, MBA; Thorsten Seyler, MD, PhD; Tally Lassiter, MD, MHA;
 Oke Anakwenze, MD, MBA; and Christopher S. Klifto, MD

**Biomechanical Implications of Asymmetric Gardner-Wells Tong Placement During
 Cervical Spine Traction..... 233**
 Hossein Tabrizi, MD; Evan Kohler, MD; Sarah Adams, BS; David Fernandez, MD;
 Patrick Atkinson, PhD

**Effect of Surgical Start Time on Length of Stay, Morbidity Rate, and Surgical Risk in
 Elective Total Hip Arthroplasty..... 240**
 Michael J. Patetta, MD; Justin T. DesLaurier, MD; Elan Volchenko, MD; Jessica A. Hossa, BS;
 Matthew A. Siegel, MD; Abhishek Deshpande, MD; Lucas Paladino, MD; Asher E. Lichtig, MD;
 Mark D. Orland, MD; Hristo I. Piponov, MD; Mark H. Gonzalez, MD, PhD

**The Association of Biological Sex on Outcomes Following Primary Total Shoulder
 Arthroplasty for the Glenohumeral Osteoarthritis..... 244**
 Nicole Ackerman, BS; Alejandra Moncayo, MPH; Lucas C. Voyvodic, BS; Ariel N. Rodriguez, MD;
 Miriam D. Weisberg, MD; Afshin E. Razi, MD; Jack Choueka, MD

Factors Influencing Professional Well-being in Orthopaedic Surgeons 247
 Zachery Hong, MPHS; Anna N. Miller, MD

ANNOUNCEMENTS 254

CONTINUING MEDICAL EDUCATION QUESTIONNAIRE 255

CONTINUING MEDICAL EDUCATION ANSWER FORM..... 258