



Journal of Surgical Orthopaedic Advances

VOLUME 31, NUMBER 4

WINTER 2022

Contents

FEATURE ARTICLES

- Publication Trends of Residents Accepted for Shoulder and Elbow Fellowships** 205
Austin B. Fares, MD; Jordan T. Carter, BS; Andrew G. Chan, MD, MPH; Rami Khalifa, MD, PhD;
Kelly G. Kilcoyne, MD; William M. Weiss, MD
- Post-operative Immobilization in Total Elbow Arthroplasty for Rheumatoid Arthritis:
A Systematic Review of Outcomes**..... 209
Michael M. Polmear, MD; John P. Scanaliato, MD; Stephen Rossettie, BS, MBA; Julia Bader, PhD;
Leon J. Nesti, MD, PhD; John C. Dunn, MD
- Impact of Certificate of Need on Lumbar Discectomy Reimbursement and Utilization**..... 218
Chason Ziino, MD; Abiram Bala, MD; Shay Warren, MD; Ivan Cheng, MD

PRIMARY ARTICLES

- Severity of Covid-19 Lockdown Orders Corresponds to Orthopaedic Trauma Volume**..... 222
Kasa B. Cooper, MD; Adam K. Lee, MD; Douglass W. Tucker, MD; Eric Siegel, MS;
Simon C. Mears, MD, PhD; Steven M. Cherney, MD
- The Impact of COVID-19 on Surgical Volume and Productivity at an Academic
Orthopaedic Surgery Department** 226
Jay M. Levin, MD, MBA; Elshaday Belay, MD; Craig Akoh, MD; Oke Anakwenze, MD, MBA
- Reliability Testing of the Mayo Elbow Performance Score in Post-operative Patients**..... 229
Aaron Baessler, MD; Robert Renn Eason, BS, MS; Myles R. Joyce, BS; Daniel T. Dibaba, PhD;
Jim Y. Wan, PhD; Frederick M. Azar, MD; Tyler J. Brodin, MD; Thomas W. Throckmorton, MD
- Thermal Output of Oscillation Versus Forward Drilling of Bone** 233
Suman Medda, MD; Matthew J. Duffin, MD; Samuel Rosas, MD; Raymond B. Kessler, MD;
Sharon Babcock, MD; Jason J. Halvorson, MD; Eben A. Carroll, MD; Holly T. Pilson, MD

Categorization of Adverse Events Reported to the FDA Pertaining to Tibia Intramedullary Nailing	237
Gina Provenzano, MD; Destie Provenzano, MS; Benjamin J. Best, DO; Alan Afsari, MD	
Risk Factors for Wound Complications Following Primary Total Hip Arthroplasty	242
Kyleen Jan, BS; Arya Dadhania, BS; Michael Foy, BS; Anshum Sood, MD; Mark Gonzalez, MD, PhD	
Post-operative Outcomes and Survivorship for Shoulder Arthroplasty Following Glenohumeral Tumor Resection	248
Christine S. Peters, MD, BS; Tianyi David Luo, MD; Elliott Edward Voss, MD; Anastasios Papadonikolakis, MD; Cynthia L. Emory, MD	
Descriptive Analysis of Orthopaedic Surgery Residency Program Directors	252
Frederick Mun, BS, BA; Alyssa R. Scott, BS; Nicole R. Legro, MD; Henry A. Boateng, MD; Paul J. Juliano, MD; and William L. Hennrikus, MD	
The Associations of Spine Surgeon Training, Office Wait Times, and Social Media Presence with Reviews on Physician Rating Websites	256
Andrew J. Sama, BA; Nicholas C. Schiller, MS; Johnathon R. McCormick, MD; Kevin J. Bondar, BS; Deborah J. Li, MD; Jose A. Canseco, MD; Chester J. Donnally III, MD	
The Association of H-Index and Academic Rank Among Full-Time Academic Foot and Ankle Surgeons Affiliated with Fellowship Programs	263
John P. Scanaliato, MD; Clare K. Green, BS; Michael M. Polmear, MD; Justin D. Orr, MD; John C. Dunn, MD	
ANNOUNCEMENTS	268
CONTINUING MEDICAL EDUCATION QUESTIONNAIRE	269
CONTINUING MEDICAL EDUCATION ANSWER FORM.....	272