

# 2023 YEAR IN REVIEW

## University of Tennessee Health Science Center - Campbell Clinic Department of Orthopaedic Surgery & Biomedical Engineering

### ADULT RECONSTRUCTION

**Calkins CE, Wing C, Diltz Z, Toy PC, Mihalko WM.** Changes in Neuraxial Anesthesia Protocols Lead to Improved Efficiency of Same Day Discharge Total Knee Arthroplasty in an Ambulatory Surgery Center: A Retrospective Cohort Study. *JAAOS*. 2023 Mar 1;31(5):e256-e263. doi: 10.5435/JAAOS-D-22-00754. PMID: 36821081

**Calkins TE, Ford MC, Mihalko WM.** Spinal versus General Anesthesia for Outpatient Total Hip and Knee Arthroplasty in the Ambulatory Surgery Center: A Matched-Cohort Study. *J Arthroplasty*. 2023 Dec 14:S0883-5403(23)01212-3. doi: 10.1016/j.arth.2023.12.020. Online ahead of print. PMID: 38103803

**Calkins TE, Goetz DD, Zaleski JT, Jones CA, Gaumer PR, Ford MC, Toy PC, Crockarell JR, Harkess JW, Mihalko WM, Guyton JL.** Hip Arthroplasty Femoral Stem Designs and Their Association With Early Postoperative Periprosthetic Femoral Fractures. *J Arthroplasty*. 2023 May;38(5):849-854. doi: 10.1016/j.arth.2022.12.020. Epub 2022 Dec 16. PMID: 36535442

**Calkins TW, Jove M, Jove N, Mihalko WM.** United States Experience with a Femoral Neck Retaining Total Hip Arthroplasty Stem: Retrospective Study with Control Comparison from the Literature. *J Arthroplasty*. 2023 Aug 26:S0883-5403(23)00883-5. doi: 10.1016/j.arth.2023.08.074. Online ahead of print. PMID: 37640246

**Eason T, Mihalko WM, Toy PC.** Robotic-Assisted Total Knee Arthroplasty is Safe in the Ambulatory Surgery Center Setting. *Orthop Clin North Am*. 2023 Apr;54(2):153-159. doi: 10.1016/j.ocl.2022.11.001. PMID: 36894288

**Jennewine B, Mihalko WM.** Body Habitus Impact on Success of Cryoneurolysis for Postoperative Total Knee Arthroplasty Pain Control: A Retrospective Study. *Arthroplasty Today*. 2023 Jul 24;22:101164. doi: 10.1016/j.artd.2023.101164. eCollection 2023 Aug. PMID: 37521741

**Mihalko WM, Johnson KC, Neiberg RH, Bahnson JL, Singhal K, Richey PA; Look AHEAD Research Group.** The Association of Total Knee Arthroplasty With Weight Loss in the Look AHEAD (Action for Health in Diabetes) Clinical Trial. *J Arthroplasty*. 2023 Jun;38(6S):S81-S87.e2. doi: 10.1016/j.arth.2023.03.023. Epub

2023 Mar 16. PMID: 36933679

**Nelson A, Fong H, Carnall AM, Puppa MJ, Beeler D, Stickley C, Mihalko WM, Powell D.** Increasing Trunk Mass Evokes Lower Extremity Biomechanical Plasticity during Stair Descent. *Int J Exerc Sci*. 2023 Aug 1;16(1):942-953. eCollection 2023. PMID: 37649868

**Russell TA, Klima ML.** History and Evolution of Hip Design to Decrease Failure. *J Orthop Trauma*. 2023 Oct 1;37(10S):S49-S54. doi: 10.1097/BOT.0000000000002668. PMID: 37710375

### FOOT AND ANKLE

**Alexander NB, Sarfani S, Strickland CD, Richardson DR, Murphy GA, Grear BJ, Bettin CC.** Cost Analysis and Reimbursement of Weightbearing Computed Tomography. 2023 Mar 27;8(1):24730114231164143. doi: 10.1177/24730114231164143. eCollection 2023 Jan. PMID: 37009418

**Doty J, Murphy GA, Friscia DA, Bohay D, Strasser N, Newton W, Gross C.** Two Year Survivorship and Patient Reported Outcomes of Prospectively-Enrolled Cohort of INFINITY Total Ankle Arthroplasties. *Foot Ankle Int*. 2023 Dec 22:10711007231212484. doi: 10.1177/10711007231212484. Online ahead of print. PMID: 38140701

**Harrison HR, Murphy GA, Bettin CC, Richardson DR, Grear BJ.** The Chevron Bunionectomy for Moderate to Severe Hallux Valgus Deformity: Effects of Procedural Factors on Hallux Valgus Correction. *Foot Ankle Surg*. 2023 Jun;29(4):373-379. doi: 10.1016/j.fas.2023.03.002. Epub 2023 Mar 17. PMID: 37024363

**Smith CJ, Skinner WC, Bettin CC.** Tibiotalocalcaneal Arthrodesis Using Hybrid Plate-Nail Constructs: A Novel Technique for Treatment of Unstable Ankle and Hindfoot Deformities. *J Orthop Trauma*. 2023 Aug 1;37(8S):S11-S12. doi: 10.1097/BOT.0000000000002636. PMID: 37443438

**Wishman MD, Henry J, Rider CM, Sofka C, Yoon E, Elliott A.** Osteoid Osteomas of the Talus: A Case Report of Four Patients. *Cureus*. 2023 Jun 22;15(6):e40798. doi: 10.7759/cureus.40798. eCollection 2023 Jun. PMID: 37485164

## GENERAL

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**Gailey AD, Ostrum RF.** The Use of Liposomal Bupivacaine in Fracture Surgery: A Review. *J Orthop Surg Res* . 2023 Apr 1;18(1):267. doi: 10.1186/s13018-023-03583-1. PMID: 37005638

**Azar FM.** Managing Comorbidities. *Orthop Clin North Am*. 2023 Jul;54(3):xvii-xviii. doi: 10.1016/j.ocl.2023.05.001. PMID: 37271565

**Azar FM.** Perioperative Pain Management. *Orthop Clin North Am*. 2023 Oct;54(4):xv-xvi. doi: 10.1016/j.ocl.2023.06.008. Epub 2023 Jul 21. PMID: 37718089

**Azar FM.** Preface. *Orthop Clin North Am*. 2023 Apr;54(2):xv. doi: 10.1016/j.ocl.2023.01.001. PMID: 36894296

**Azar FM.** Preface. *Orthop Clin North Am*. 2023 Jan;54(1):xi-xii. doi: 10.1016/j.ocl.2022.10.001. PMID: 36402515

## HAND

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**Holbrook HS, Greenberg JA, Weller WJ.** Application of Tendon With Z-Lengthening Technique. 2023 Jul;48(7):740.e1-740.e11. doi: 10.1016/j.jhsa.2022.12.016. Epub 2023 Mar 4. PMID: 36878756. Review

**Holbrook HS, Calandruccio JH.** Management of Gout in the Hand and Wrist. *Orthop Clin North Am* . 2023 Jul;54(3):299-308. doi: 10.1016/j.ocl.2023.02.003. PMID: 37271558

**Farrell N, Greenfield PT, Rutkowski PT, Weller WJ.** Perioperative Pain Management for Distal Radius Fractures. *Orthop Clin North Am*. 2023 Oct;54(4):463-470. doi: 10.1016/j.ocl.2023.05.006. Epub 2023 Jun 26. PMID: 37718085

## PEDIATRICS

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**Chen AN, Ragsdale TD, Rhodes LN, Lock LL, Moisan A, Kelly DM.** Prospective, Randomized Ponseti Treatment for Clubfoot: Orthopaedic Surgeons Versus Physical Therapists. *J Pediatr Orthop*. 2023 Feb; 43(2):e93-e99. doi: 10.1097/BPO.0000000000002291, Epub 2022 Nov. 4. PMID: 36607913. Clinical Trial

**Cope SR, Wideman M, Sheffer BW, Sawyer JR, Beaty, JH, Warner, WC, Spence DD, Kelly DM.** Early Failure of Locking Compression Plates in Pediatric Proximal Femoral Fracture. *JPOSNA Vol 5(3) Aug 2023*. <https://doi.org/10.55275/JPOSNA-2023-436>

**Farrell ND, Dooley JH, Sheffer BW, Sawyer JR, Kelly DM.** Radiation Exposure in Multiple Hereditary Exostoses: A Retrospective Review. *J Orthop*. 2023 May 5;40:87-90. doi: 10.1016/j.jor.2023.05.004. eCollection 2023 Jun. PMID: 37234093

**O'Neill NP, Mo ZA, Miller PE, Glotzbecker MP, Li Y, Fletcher ND, Upsasani VV, Riccio AI, Spence DD, Garg S, Kregel W,**

**Birch C, Hedquist DJ.** The Reliability of the AO Spine Upper Cervical Classification System in Children: Results of a Multi-Center Study. *J Pediatr Orthop*. 2023 Apr 1;43(4):273-277. doi: 10.1097/BPO.0000000000002363. Epub 2023 Jan 30. PMID: 36706430

**Padgett AM, Kapoor S, Rhodes LN, Keen K, Cao X, Locke LL, Warner WC, Sawyer JR, Sheffer BW, Spence DD, Kelly DM.** Perioperative Multimodal Analgesic Injection for Patients with Adolescent Idiopathic Scoliosis Undergoing Posterior Spinal Fusion Surgery. *Spine Deform*. 2023 Jul;11(4):977-984. doi: 10.1007/s43390-023-00670-5. Epub 2023 Apr 6. PMID: 37022606

**Pennock AT, Bastrom TP, Boutelle KE, Carroll AN, Edmonds EW, Nepple JJ, Polinsky SG, Spence DD, Heyworth BE, Perkins C, Willimon SC. FACTS Study Group.** Bony Remodeling of Adolescent Displaced Clavicle Fractures: A FACTS Study. *Am J Sports Med*. 2023 Mar;51(4):871-876. doi: 10.1177/03635465231152884. Epub 2023 Feb 20. PMID: 36802767

**Quan T, Matsumoto H, Bonsignore-Opp L, Ramo B, Murphy RJ, Brooks JR, Wellborn MC, Emans JB, Anari JB, Johnston CE, Akbarnia BA, McCarthy R, Flynn J, Sawyer JR, Vitale MG, Roye BD, Pediatric Spine Study Group.** Definition of Tweener: Consensus Among Experts in Treating Early-onset Scoliosis. *J Pediatr Orthop*. 2023 Mar 1;43(3):e215-3222. doi: 10.1097/BPO.0000000000002321. Epub 2022 Dec 12. PMID: 36729774

**Rambo AJ, Sheffer BW, Hajek B, Almatari A, Suit P, Rhodes LN, Cao X, Warner WC, Sawyer JR, Kelly DM, Spence DD.** Asymptomatic Lumbar Spondylolysis in the Pediatric Population: A Retrospective CT Review with Radiology Review. Accepted to *JAAOS-11/17/23*

**Spence DD (FACTS Study Group).** Five Year Radiographic and Functional Outcomes of Non-operative Treatment of Completely Displaced Midshaft Clavicle Fractures in Teenagers. Accepted to *AJSM-12/11/23*

**Spence DD, Hefti F.** Online Video Resources Pertaining to Cerebral Palsy: A YouTube-Based Quality-Control Study. Accepted to *J of Children's Orthopaedics-12/9/23*

**Sturdivant A, Roberts C, Nahr A, Bryan K, Sheffer BW, Spence DD, Sawyer JR.** Fasted or Not: Anesthesia-Related Pulmonary Complication in Pediatric Orthopedic Emergencies. *JPOSNA: 5(4):1-8*. November 2023

**Swarup I, Pearce R, Sanborn BS, Spence DD (CORTICES).** Variations in the Management of Closed Salter-Harris II Distal Tibia Fractures. *J Pediatr Orthop* . 2023 Oct 1;43(9):e742-e746. doi: 10.1097/BPO.0000000000002488. Epub 2023 Aug 22. PMID: 37606098

**Diltz ZD, Sheffer BJ.** Intraoperative Navigation and Robotics in Pediatric Spinal Deformity. *Orthop Clin North Am* . 2023 Apr;54(2):201-207. doi: 10.1016/j.ocl.2022.11.005. PMID: 36894292

**Locke LL, Rhodes LN, Sheffer BW.** Accelerated Protocols in Adolescent Idiopathic Scoliosis Surgery. *Orthop Clin North Am*. 2023 Oct;54(4):427-433. doi: 10.1016/j.ocl.2023.04.003. Epub 2023 Jun 26. PMID: 37718082

## PHYSICAL MEDICINE

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**Beard NM, Beggs L, Murphy WG, Knack MC, Golden O, Ross W.** Ultrasound-Guided Injection Through the Rotator Cuff Interval: A Clinical Perspective of One Institution's Results and Description of Technique. *J Osteopath Med.* 2023 Aug 18. doi: 10.1515/jom-2023-0129. Online ahead of print. PMID: 37589664

**Martinez SF.** A Fresh Review of Common Shoulder Conditions. *Phys Med Rehabil Clin N Am.* 2023 May;34(2):xiii-xiv. doi: 10.1016/j.pmr.2023.02.001. Epub 2023 Mar 3. PMID: 37003667

**Martinez SF.** Insights with Friends. *Phys Med Rehabil Clin N Am.* 2023 Feb;34(1):xiii. doi: 10.1016/j.pmr.2022.09.002. Epub 2022 Oct 18. PMID: 36410894

## SHOULDER AND ELBOW

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**Allen C, Kumar V, Elwell J, Overman S, Schoch B, Aibinder W, Parsons M, Watling J, Ko JK, Gobbato B, Throckmorton TW, Routman H, Roche CP.** Evaluating the Fairness and Accuracy of Machine Learning Based Predictions of clinical Outcomes after Anatomic and Reverse Total Shoulder Arthroplasty. *J Shoulder Elbow Surg.* 2023 Sep 12:S1058-2746(23)00651-1. doi: 10.1016/j.jse.2023.08.005. Online ahead of print. PMID: 37703989

**Amini MH, Patel M, Stone GP, Roberson TA, Brolin TJ, Sykes JB.** Acute, Traumatic Rotator Cuff Tears Have Smaller Critical Shoulder Angles Than Degenerative Tears. *Arthroscopy.* 2023 Feb;39(2):225-231. doi: 10.1016/j.arthro.2022.08.042. Epub 2022 Oct 5. PMID: 36208709

**Eason RR, Joyce MR, Throckmorton TW, Azar FM, Bernholt DL, Naser AM, Brolin TJ.** Comparison of Triamcinolone and Methylprednisolone Efficacy and Steroid Flare Reaction Rates in Shoulder Corticosteroid Injection: A Prospective Interrupted Time Series Study. *J Shoulder Elbow Surg.* 2023 Nov;32(11):2214-2221. doi: 10.1016/j.jse.2023.05.023. Epub 2023 Jun 20. PMID: 37348782

**Flurin PH, Abadie P, Lavignac P, Laumonerie P, Throckmorton TW.** Outpatient vs Inpatient Total Shoulder Arthroplasty: Complication Rates, Clinical Outcomes and Eligibility Parameters. *JSES International.* 22 August 2023. <https://doi.org/10.1016/j.jseint.2023.06.029>

**Holbrook H, Azar FM, Throckmorton TW, Brolin TJ.** Determining the Follow-up Rates for Shoulder Arthroplasty: A Retrospective Review of a Multicenter Study of 4700 Shoulders. *Seminars in Arthroplasty: JSES.* 2 Dec 2023. <https://doi.org/10.1053/j.sart.2023.10.004>

**James N, Jennewine B, Polio W, Naser AM, Nieboer M, Schoch B, Throckmorton TW, Bernholt DL, Azar FM, Brolin TJ.** Superior Humeral Head Osteophytes Are Associated with Rotator Cuff Insufficiency in Glenohumeral Osteoarthritis: a Retrospective Analysis. *Eur J Orthop Surg Traumatol.* 2023 Sep 28. doi: 10.1007/s00590-023-03727-3. Online ahead of print. PMID: 37770594

**Jawa A, (RSA Multicenter Research Group), Konrade E, Knack MC, Brolin TJ, Throckmorton TW.** Predictors of Dislocations After Reverse Shoulder Arthroplasty: A Study by the ASES Complications of RSA Multicenter Research Group. *J Shoulder Elbow Surg.* 2023 Jun 26:S1058-2746(23)00484-6. doi: 10.1016/j.jse.2023.05.028. Online ahead of print. PMID: 37379964

**Jawa A, (RSA Multicenter Research Group), Konrade E, Knack MC, Brolin TJ, Throckmorton TW.** Risk Factors of Acromial and Scapular Spine Stress Fractures Differ by Indication: A study by the ASES Complications of Reverse Shoulder Arthroplasty Multicenter Research Group. *J Shoulder Elbow Surg.* 2023 Dec;32(12):2483-2492. doi: 10.1016/j.jse.2023.05.015. Epub 2023 Jun 15. PMID: 37330167

**Jennewine B, Pierce AS, Miller AH, Azar AT, Sharp CD, Azar FM, Bernholt DL, Throckmorton TW, Brolin TJ.** Patient-Selection Algorithm for Outpatient Shoulder Arthroplasty in Ambulatory Surgery Center: A Retrospective Update. *J Shoulder Elbow Surg.* 2023 Aug 23:S1058-2746(23)00601-8. doi: 10.1016/j.jse.2023.07.018. Online ahead of print. PMID: 37625693

**Marois A, Brolin TJ, Bernholt DL, Azar FM, Throckmorton TW.** Teres Minor Deficiency Does Not Predict Clinically Inferior External Rotation After Reverse Total Shoulder Arthroplasty: A 2-year Matched Cohort Study. Accepted to Seminars in Arthroplasty: JSES-11/30/23

**Murphy A, Azar FM, Brolin TJ, Throckmorton TW.** Accuracy of MRI to Detect Lateral Ulnar Collateral Ligament Tears. Accepted to JSOA-8/1/23

**Neel R, Bernholt DL, Azar FM, Brolin TJ, Throckmorton TW, Gutman I.** Comparison of Sensitivity of Diagnosis of Subscapularis Tear on 1.5 Tesla versus 3.0 Tesla Magnetic Resonance Imaging. *Orthop J Sports Med.* 2023 Jul; 11(7 suppl3): 2325967123S00159. PMC10392414.

**Polio WP, Hajek, Brolin TJ, Mihalko WM, Singhal K, Hughes S, Nelson A, Hayes T, Chiu CY, Bernholt DL, Azar FM, Throckmorton TW.** Muscle Activation Patterns during Active External Rotation after Reverse Total Shoulder Arthroplasty: An Electrophysiological Study of the Teres Minor and Associated Musculature. *J Shoulder Elbow Surg.* 2023 Sep 29:S1058-2746(23)00708-5. doi: 10.1016/j.jse.2023.08.031. Online ahead of print. PMID: 37778657

**Simmons C, DeGrasse J, Polakovic S, Aibinder W, Throckmorton T, Noerdlinger M, Papandrea R, Trenhaile S, Schoch B, Gobbato B, Routman H, Parsons M, Roche CP.** Initial Clinical Experience with a Predictive Clinical Decision Support Tool for Anatomic and Reverse Total Shoulder Arthroplasty. *Eur J Orthop Surg Traumatol.* 2023 Dec 14. doi: 10.1007/s00590-023-03796-4. Online ahead of print. PMID: 38095688

**Jennewine BR, Brolin TJ.** Emerging Technologies in Shoulder Arthroplasty: Navigation, Mixed Reality, and Preoperative Planning. *Orthop Clin North Am.* 2023 Apr;54(2):209-225. doi: 10.1016/j.ocl.2022.11.006. Epub 2023 Jan 31. PMID: 36894293



**Polio W, Brolin TJ.** Postoperative Rehabilitation After Shoulder Arthroplasty. *Phys Med Rehabil Clin N Am.* 2023 May;34(2):469-479. doi: 10.1016/j.pmr.2022.12.010. Epub 2023 Feb 26. PMID: 37003664

**Throckmorton TW.** Rehabilitation of Operative and Nonoperative Shoulder Pathologies. *Phys Med Rehabil Clin N Am.* 2023 May;34(2):xv-xvi. doi: 10.1016/j.pmr.2023.02.002. PMID: 37003668)

## SPINE

**Chambers JS, Kropp RG, Gardocki RJ.** Reoperation Rates and Patient-reported Outcomes of a Single and Two-level Anterior Cervical Discectomy and Fusion. *Arch Orthop Trauma Surg.* 2023 Jan; 143(1):265-268. doi: 10.1007/s00402-021-04056-y. PMID: 34244874

**Olinger C, Coffman A, Champion CE, Thompson KM, Gardocki RJ.** Initial Learning Curve After Switching to Uniportal Endoscopic Discectomy for Lumbar Disc Herniations. *Eur Spine J.* 2023 Aug;32(8):2694-2699. doi: 10.1007/s00586-023-07583-x. Epub 2023 Feb 22. PMID: 36811652

**Romero A, Lunch D, Johnson E, Zhu X, Kirkpatrick J.** MRI Order Appropriateness for Chronic Neck Pain: Comparison of Ordering Practices and Treatment Outcomes for Primary Care Physicians and Specialists. *J Orthop Res.* 2023 Jul 31. doi: 10.1002/jor.25669. Online ahead of print. PMID: 37525551

**Diltz ZR, West EJ, Colatruglio MR, Kirwan MJ, Konrade EN, Thompson KM.** Perioperative Management of Comorbidities in Spine Surgery. *Orthop Clin North Am.* 2023 Jul;54(3):349-358. doi: 10.1016/j.ocl.2023.02.007. Epub 2023 Apr 7. PMID: 37271563

## SPORTS

**Azar FM (NBA sports group), Mack CD.** Epidemiology of Injuries among National Basketball Association Players: 2013-14 through 2018-19. Accepted to *Sports Health*-11/25/23

**Azar FM, Brolin TJ, Throckmorton TW, Witte D, Bernholt DL.** The Incidence of Posterolateral Tibial Plateau and Central Lateral Femoral Condylar Impaction Fractures in a Pediatric and Young Adult Population after ACL Injury. *J Pediatr Orthop.* 2023 Jan 1;43(1):18-23. doi: 10.1097/BPO.0000000000002270. Epub 2022 Sep 21. PMID: 36129359

**Baessler AM, Buchman JM, Witte DA, Spence DD, Throckmorton TW, Brolin TJ, Azar FM, Bernholt DL.** Skeletally Immature Patients with ACL Bone Bruise Patterns Have a Higher Chance of Having an Intact ACL Than Skeletally Mature Patients. *J Pediatr Orthop.* 2023 Jan 1;43(1):13-17. doi: 10.1097/BPO.0000000000002268. Epub 2022 Sep 21. PMID: 36129350

**Bernholt DL, Skinner WC, Holt AM, Azar FM.** Knee Arthroscopy After Prior Total Knee Arthroplasty; Narrative Review. *J Am Acad Orthop Surg.* 2023 Jan 15;31(2):57-63. doi: 10.5435/JAAOS-D-21-01094. PMID: 36580044

**Lamplot JD, Smith BL, Slone HS, Hauck OL, Wijdicks CA.** Tape-reinforced Graft Suturing and Retensioning of Adjustable-loop Cortical Buttons Improve Quadriceps Tendon Autograft Biomechanics in Anterior Cruciate Ligament Reconstruction: A Cadaveric Study. *Arthroscopy.* 2023 Jun 22:S0749-8063(23)00473-5. doi: 10.1016/j.arthro.2023.06.021. Online ahead of print. PMID: 37355187

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**Wallace GJ, Thompson JD, Diekfuss JA, Champagne AA, Myer GD, Kaiser J, Lamplot JD.** Suture Augmentation of a Four-Strand Semitendinosus Graft Improves Time-Zero Biomechanical Properties. *Arthroscopy.* 2023 Jun 22:S0749-8063(23)00472-3. doi: 10.1016/j.arthro.2023.06.020. Online ahead of print. PMID: 37355190

## TRANSLATIONAL

**Guo S, Chen J, Hu P, Li C, Wang X, Chen N, Sun J, Wang Y, Wang J, Gu W, Wu S.** The Value of Circulating Tumor Cells and Tumor Markers Detection in Lung Cancer Diagnosis. *Technol Cancer Res Treat.* 2023 Jan-Dec;22:15330338231166754. doi: 10.1177/15330338231166754. PMID: 37093867

**Seo JW, Jo SH, Kim SH, Choi BH, Cho H, Yoo JJ, Park SH.** Application of Cartilage Extracellular Matrix to Enhance Therapeutic Efficacy of Methotrexate. *Tissue Eng Regen Med.* 2023 Oct 14. doi: 10.1007/s13770-023-00587-0. Online ahead of print. PMID: 37837499

**Yao L, Chemaitelly H, Goldman E, Gudina EK, Khalil A, Ahmed R, James AB, Roca A, Fallah MP, Macnab A, Cho WC, Eikelboom J, Qamar FN, Kremsner P, Oliu-Barton M, Sisa I, Tadesse BT, Marks F, Wang L, Kim JH, Meng X, Wang Y, Fly AD, Wang CY, Day SW, Howard SC, Graff JC, Maida M, Ray K, Franco-Paredes C, Mashe T, Ngongo N, Kaseya J, Ndembi N, Hu Y, Bottazzi ME, Hotez PJ, Ishii KJ, Wang G, Sun D, Aleya L, Gu W.** Time to Establish an International Vaccine Candidate Pool for Potential Highly Infectious Respiratory Disease: A Community's View. *EClinicalMedicine.* 2023 Sep 26;64:102222. doi: 10.1016/j.eclinm.2023.102222. eCollection 2023 Oct. PMID: 37811488

**Zhang C, Yao J, Liu C, Yang K, Zhang W, Sun D, Gu W.** The Role of Thyroid Hormone Synthesis Gene-related miRNAs Profiling in Structural and Functional Changes of the Thyroid Gland Induced by Excess Iodine. *Biol Trace Elem Res.* 2023 May 27. doi: 10.1007/s12011-023-03691-3. Online ahead of print. PMID: 37243879

**Zhu C, Gu W, Sun D, Wei W.** The Mechanism Underlying Fluoride-induced Low-renin Hypertension is Related to an Imbalance in the Circulatory and Local Renin-angiotensin Systems. *Toxicol Lett.* 2023 May 15;381:36-47. doi: 10.1016/j.toxlet.2023.04.010. Epub 2023 Apr 25. PMID: 37105417

## TRAUMA

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**Dunbar RP, Egol KA, Jones CB, Ostrum RF, Humphrey CA, Ricci WM, Phieffer LS, Teague DC, Sagi HC, Pollak AN, Schmidt AH, Sems A, Pape HC, Morshed S, Perez EA, Tornetta P 3rd.** Locked Plating versus Nailing for Proximal Tibial Fractures: A Multicenter RCT. *J Orthop Trauma.* 2023 Apr 1;37(4):155-160. doi: 10.1097/BOT.000000000000253. PMID: 36729919. Clinical Trial

**Tobey D, Wing C, Calkins T, Heck RK.** The Use of Proximal Femur Replacement for the Management of Oncologic Lesions in the Proximal Femur: A Review. *Orthop Clin North Am.* 2023 Jan;54(1):23-35. doi: 10.1016/j.ocl.2022.08.006. Epub 2022 Oct 23. PMID: 36402508

## BOOKS AND CHAPTERS

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**Garner S, Zhao J, Murphy GA, Rider CM.** Graft Reconstruction for Treatment of Chronic Achilles Tendon Ruptures. *Master Techniques in Orthopaedic Surgery: The Foot and Ankle-* accepted per Dr. Zhao-11/29/23

**Kelly DM, Sawyer JR.** Lateral Condylar and Capitellar Fractures of the Distal Humerus, in Waters PM, Skaggs DL, Flynn JM (editors): *Rockwood and Wilkins Fractures in Children*, in production

**McClatchy SG, Throckmorton TW.** Outpatient Total Joint Arthroplasty, in AAOS, *Value-Based Health Care*, In production

**Rambo AJ, Sawyer JR.** Open Reduction and Internal Fixation of Tibial Tubercle Fracture, in Oetgen and Fletcher (editors): *Pediatric Orthopaedic Surgery*, in production