

CHECKING IN WITH THE TEAM



UTOSM
Holiday
Party –
December
2022



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on Instagram!
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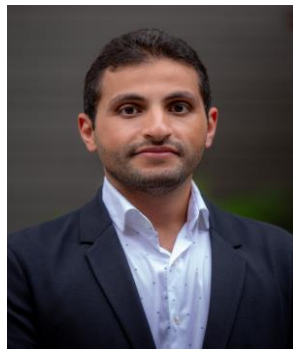


MPFL with Dr.
Dwyer

Dr. Whelan
Performing Hip
Arthroscopy with
Stryker's Post-less
Hip Distractor



FELLOWS' PROJECTS



UTOSM's 2022-2023 fellows are working on some exciting research projects:

- **DR. FAHAD AL HULAIBI** – Sagittal and coronal plane correction in proximal tibial opening wedge osteotomy in the ACL-deficient knee: Surgical technique and *in vivo* evaluation of technique accuracy using radiographic follow-up
- **DR. ADEL ALAHAIDIB** – Patellofemoral arthritis on skyline x-rays and the relationship with chronic PCL injury – does patellofemoral space get worse over time?
- **DR. MARINA DIAMENT** – Weight bearing axis and the persistent adult OCD of the knee
- **DR. STEFANO GHIRARDELLI** – Can the perioperative administration of TXA affect visual field clarity, PROMs, and complications in patients undergoing [SEP] arthroscopic knee surgery within 6 weeks of injury?
- **DR. VALERIE LEMIEUX** – The clinically important difference and patient acceptable symptomatic state for commonly used patient-reported outcomes in non-operatively treated FAI
- **DR. OREN ZARNETT** – Methods used to teach medical learners elbow arthroscopy

NEW STUDIES

- **CIRCUT** – We are now recruiting ankle patients as well! This open cohort study aims to look at the functional and patient-reported outcomes in those with cartilage defects of the knee *or* ankle who are undergoing various cartilage restoration procedures. Sunnybrook Hospital will also be added as study site!
- **FASTHIP** – The purpose of this RCT is to determine whether immediate or delayed weightbearing after hip arthroscopy impacts patient-reported outcomes.
- **INNOVATIVE TECHNIQUES TO EVALUATE WAIT TIME REDUCTION STRATEGIES IN ORTHOPAEDIC FOOT CARE** – This quality improvement study will establish which wait time reduction strategies can successfully address the issue of long wait times and backlog of cases in orthopaedic foot care and surgery.

NOV 2022 - 2023 PUBLICATIONS

1. [A Dedicated Orthopaedic Trauma Room Improves Efficiency While Remaining Financially Net Positive](#) – Abouali J, | Journal of Orthopaedic Trauma | January 2023
2. [In-Office Needle Arthroscopy \(IONA\) Is A Cost-Effective Alternative for Operating Room Diversion in Medial Meniscectomy](#) – Abouali J | Orthopaedic Proceedings | December 2022
3. [Optimizing Daily Surgical Scheduling of Total Joint Replacement Procedures: Making the Most of Your Operative Time](#) – Abouali J | Orthopaedic Proceedings | December 2022
4. [Machine-Learning Models Can Accurately Predict Orthopaedic Resident Workload At A Level I Trauma Centre](#) – Abouali J | Orthopaedic Proceedings | December 2022
5. [ANTERIOR CRUCIATE LIGAMENT PATELLAR TENDON AUTOGRAFT FIXATION AT 0° VERSUS 30° RESULTS IN IMPROVED ACTIVITY SCORES AND A GREATER PROPORTION OF PATIENTS ACHIEVING THE MCID FOR KOOS PAIN: A RANDOMIZED CONTROLLED TRIAL](#) – Chahal J, Whelan D, Theodoropoulos J, Dwyer T | Orthopaedic Proceedings | December 2022
6. [Early Versus Delayed Weightbearing and Mobilization Following Ankle Fracture Fixation Surgery: A Systematic Review and Meta-Analysis of Randomized Controlled Trials](#) - Chahal J, Whelan D, Nauth A | Orthopaedic Proceedings | December 2022
7. [Early Versus Delayed Surgery Results in Similar Outcomes Following Multiligament Knee Injury](#) - Chahal J, Whelan D | Orthopaedic Proceedings | December 2022
8. [Defining Parameters for Surgical Correction and Hip Complications for Femoroacetabular Impingement Syndrome: Results of an International Modified Delphi Study](#) - Dwyer T | Arthroscopy | December 2022
9. [Rotator Cuff Injury and Repair](#) – Henry P | Seminars in Musculoskeletal Radiology | December 2022
10. [Surgical treatment options for articular cartilage defects of the glenohumeral joint: a systematic review](#) – Leroux T | Journal of Shoulder and Elbow Surgery | December 2022
11. [Medical Cannabis Use and Inflammatory Cytokines and Chemokines Among Adult Chronic Pain Patients](#) - Leroux T | Cannabis and Cannabinoid Research | November 2022
12. [Operative vs Nonoperative Treatment of Acute Unstable Chest Wall Injuries: A Randomized Clinical Trial](#) – Nauth A | JAMA Surgery | November 2022
13. [Outcomes following arthroscopic posteromedial osteophyte resection and risk of future ulnar collateral ligament reconstruction](#) - Paul R | Journal of Shoulder and Elbow Surgery | January 2023
14. [Increased Rates of Subjective Shoulder Instability After Bankart Repair with Remplissage Compared to Latarjet Surgery](#) - Paul R | Journal of Shoulder and Elbow Surgery | December 2022
15. [Return to Recreational Sports Participation following Rotator Cuff Repair in Adults over 40 Years of Age: Outcomes and Return to Play Analysis](#) - Paul R | Journal of Shoulder and Elbow Surgery | December 2022
16. [Bankart Repair With or Without Concomitant Remplissage Results in Similar Shoulder Motion and Postoperative Outcomes in the Treatment of Shoulder Instability](#) - Paul R | Arthroscopy, Sports Medicine, and Rehabilitation | December 2022
17. [Arthroscopic Soft Tissue Stabilization as a Primary Procedure for Shoulder Instability](#) - Paul R | Biomedical Journal of Scientific & Technical Research | 2022
18. [Inequalities in the Evaluation of Male Versus Female Athletes in Sports Medicine Research: A Systematic Review](#) - Paul R | The American Journal of Sports Medicine | December 2022

NOV 2022-2023 PUBLICATIONS

19. [Analysis of Musculoskeletal Injuries Among Collegiate Varsity Electronic Sports Athletes](#) - Paul R | Cureus | November 2022
20. [Blood Flow Restriction Training preserves knee flexion and extension torque following anterior cruciate ligament reconstruction: A systematic review](#) - Paul R | Journal of Orthopaedics | November 2022
21. [Rates of Reporting and Analyzing Patient Sex in Sports Medicine Research: A Systematic Review](#) - Paul R | The American Journal of Sports Medicine | November 2022
22. [Biomechanical Comparison of 3 Medial Patellofemoral Complex Reconstruction Techniques Shows Medial Overconstraint but no Significant Difference in Patella Lateralization and Contact Pressure](#) - Tomescu S, Wasserstein D | Arthroscopy: The Journal of Arthroscopic & Related Surgery | November 2022
23. [Association of age, sex and race with prescription of anti-osteoporosis medications following low-energy hip fracture in a retrospective registry cohort](#) - Whelan D | PLOS ONE | December 2022