



University of Toronto
Orthopaedic Sports Medicine

Research Newsletter

January to March 2026



Featured New Research

January 2026

[Biceps Anterior Cable Reconstruction for Massive Rotator Cuff Tears](#)

Kolevar MP, McMahon S, Dvorsky J, **Hauer T**, Rocca MS, Lin A.

Video J Sports Med | 2026 Jan 5

[Failed Anterior Cruciate Ligament Reconstructions Have Both Increased Posterior Tibial Slope and Increased Posterior Tibial Plateau Offset](#)

Vieider RP, Bilodeau RE, Kayaalp ME, **Hauer TM**, Dias K, Cong T, Hughes JD, Musahl V.

J Exp Orthop | 2026 Jan 12

[Minimal Clinically Important Difference and Patient Acceptable Symptom State for Patient-Reported Outcomes Following Common Arthroscopic Sports Surgeries of the Knee: A Systematic Review](#)

Kovacevic D, Sahi G, Lameire DL, Abbas A, **Whelan DB**, **Theodoropoulos J**, **Dwyer T**, **Chahal J**.

Orthop J Sports Med | 2026 Jan 13

[Epidemiology and Risk Factors of Wrist Pain and Injury in Adolescent Artistic Gymnasts: A Systematic Review and Meta-analysis](#)

DiLeo SDF, Noori A, Day E, Burkhart TA, **Paul RA**, Chan AHW.

Orthop J Sports Med | 2026 Jan 14

[Vibrotactile Feedback Using Exposure Variation Analysis to Reduce Musculoskeletal Risk in Surgical Simulation](#)

Bonin WR, Brost S, Atkin AE, Henriques DYP, **Tomescu S**, Strauss BH, Whyne CM, Li Q.

Ergonomics | 2026 Jan 19

[Human Growth Hormone as a Therapeutic Treatment Option in Orthopaedics: A Systematic Review of Dosing, Side Effects, and Clinical Outcomes](#)

Shah A, Patel NA, Udiaver R, Ravi B, Whyne C, **Wasserstein D**.

JBJS Rev | 2026 Jan

[Surgical Management Results in Lasting Pain Relief in Patients with Ischiofemoral Impingement Refractory to Nonoperative Treatment: A Systematic Review](#)

Mohorea MA, Macdougall F, Cohen D, **Hauer TM**, Mauro CS, Ayeni OR.

Curr Rev Musculoskelet Med | 2026 Jan 23

[The Long-term Radiographic Fate of the Chronically ACL-Deficient Knee: A Systematic Review and Meta-analysis of Matched Cohort Studies](#)

Shah A, Gumarathas K, **Marks P**, Marx RG, Kiss A, **Wasserstein D**.

Am J Sports Med | 2026 Jan 23

[The Impact of Blood Flow Restriction Therapy on Orthopaedic Conditions of the Upper Extremity: A Systematic Review of Randomized Controlled Trials](#)

Johnson SR, Ndjoko L, Hou D, England P, Tjong VK, **Sheth U**.

Ann Jt | 2026 Jan 23

[Transparency of Reporting and Methodological Conduct of Prognostic and Diagnostic Clinical Prediction Models Developed Using Machine Learning in Total Shoulder Arthroplasty: A Systematic Review and Critical Appraisal](#)

Shanmugaraj A, Khalid B, Kumar MV, Kunze KN, **Sheth U**.

Shoulder Elbow | 2026 Jan 27

[Technical Tips and Tricks for Complex Biplanar High Tibial Osteotomies](#)

Hauer TM, Vieider RP, **Wasserstein D**, Ollivier M, Musahl V.

Knee Surg Sports Traumatol Arthrosc | 2026 Jan

[My Arthroscopic Bankart Repair Failed, Now What? Revision Treatment Options for Recurrent Instability Following Failed Anterior Arthroscopic Stabilization](#)

Lin RT, McMahon S, Dvorsky JL, **Hauer TM**, Lin A.

Instr Course Lect | 2026

February 2026

[Recombinant Human Growth Hormone \(rHGH\) for Muscle Enhancement in Knee Osteoarthritis: Protocol for a Pilot, Randomised Placebo-Controlled Trial](#)

Shah A, Ravi B, **Tomescu S**, Catapano M, Burkhart TA, Whyne C, Kiss A, **Marks P**, **Wasserstein DN**.
BMJ Open | 2026 Feb 4

[Ergonomic Risks in Healthcare Workers in Acute Care; the POSTURE Framework](#)

Bonin WR, Brost S, Kalun P, **Tomescu S**, Strauss BH, Whyne CM, Li Q.
Injury | 2026 Feb 6

[Long-term Clinical, Radiological, and Patient-Oriented Outcomes of the TESS and Nano Stemless Shoulder Arthroplasty Systems](#)

Sheth U, Razmjou H, Nam D.
J Shoulder Elbow Surg | 2026 Feb

[Isolated Lateral Meniscal Allograft Transplantation With an All-Soft Tissue Graft and Centralization](#)

Rocca MS, **Hauer TM**, Grandberg C, Vieider RP, Kolevar MP, Hughes JD, Musahl V.
Video J Sports Med | 2026 Feb 23

[The Patient Acceptable Symptomatic State for Commonly Used Patient-Reported Outcomes After Non-Operative Management of Hip Femoroacetabular Impingement Syndrome](#)

Hoit G, **Whelan DB**, Lemieux V, Bates B, **Dwyer T**, **Theodoropoulos J**, **Chahal J**.
Am J Sports Med | 2026 Feb 24

[Coracoid Morphology and the Risk of Posterior Shoulder Instability: A Magnetic Resonance Imaging Study](#)

Testa EJ, Rothrauff BB, **Hauer TM**, Hawryluk CJ, Marcaccio SE, Millett PJ, Bradley JP, Owens BD, Arner JW.
Am J Sports Med | 2026 Feb 27

March 2026

[Assessment of Laxity in Multiligamentous Knee Injuries Using Stress Radiographs: A Simple Technique for a Busy Clinic](#)

Lameire DL, Shah A, Wengle L, Khan RM, **Whelan DB**.
Video J Sports Med | 2026 Mar 11

[Masquelet Technique for Salvage of Failed Vascularized Fibular Graft Nonunion After Humeral Tumor Resection: A Case Report](#)

Ravarian B, **Matthies NF**, Keshen S, Guo J, Persitz J, **Paul RA**.
JBJS Case Connect | 2026 Mar 12

[A Comparison of Postoperative Complications and Clinical Outcomes in Postless Versus Post-Assisted Hip Arthroscopy: A Systematic Review and Meta-analysis of Nonrandomized Comparative Studies](#)

Ajrawat P, Nikolopoulos M, **Dwyer T**, Hoit G, **Whelan DB**, Pathak A, **Chahal J**.
Orthop J Sports Med | 2026 Mar 13

[Dorsal Wrist Capsular Impingement: A Systematic Review of Clinical Presentation, Imaging Findings, Arthroscopic Characteristics, and Treatment Outcomes](#)

Wong CR, Khan S, **Paul R**, Zuo KJ, Persitz J.
Hand Surg Rehabil | 2026 Mar 14

[Less is More in Acute Perilunate Injuries? Early Success with Arthroscopic-Assisted Fixation of The Proximal Row without Ligament Repair](#)

Persitz J, Doi A, Keshen S, Chan A, **Matthies N, Paul R.**

Hand Surg Rehabil | 2026 Mar 14

[Clinical Features and Differential Diagnosis of Müller-Weiss Disease: The Canadian Experience](#)

Cristofaro C, Park SS, Halai M.

Foot Ankle Clin | 2026 Mar

[Return to Sport After Reverse Shoulder Arthroplasty: A Systematic Review](#)

Sinh A, Cho V, Abdel Khalik H, Daher D, **Sheth U.** Khan M.

Volume 6 | Jan - Mar 2026

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