

# **New Articles from the Orthopaedic Journal of Sports Medicine!**

## **February 2020 - Volume 8, Issue 2**

### **The Prevalence and Clinical Implications of Comorbid Back Pain in Shoulder Instability: A Multicenter Orthopaedic Outcomes Network (MOON) Shoulder Instability Cohort Study**

Kevin J. Cronin, MD, Brian R. Wolf, MD, MS, Justin A. Magnuson, BA, Cale A. Jacobs, PhD, Shannon Ortiz, MPH, MOON Shoulder Group, Julie Y. Bishop, MD, Matthew J. Bollier, MD, Keith M. Baumgarten, MD, Jonathan T. Bravman, MD, Robert H. Brophy, MD, Charles L. Cox, MD, MPH, Brian T. Feeley, MD, John A. Grant, MD, PhD, Grant L. Jones, MD, John E. Kuhn, MD, MS, C. Benjamin Ma, MD, Robert G. Marx, MD, MSc, Eric C. McCarty, MD, Bruce S. Miller, MD, MS, Adam J. Seidl, MD, Matthew V. Smith, MD, Rick W. Wright, MD, Alan L. Zhang, MD, Carolyn M. Hettrich, MD, MPH

### **Detecting Rotator Cuff Tears: A Network Meta-analysis of 144 Diagnostic Studies**

Fanxiao Liu, MD, Jinlei Dong, MD, PhD, Wun-Jer Shen, MD, PhD, Qinglin Kang, PhD, Dongsheng Zhou, MD, Fei Xiong, MD

### **Return to Sport and Athletic Function in an Active Population After Primary Arthroscopic Labral Reconstruction of the Hip**

David R. Maldonado, MD, Sarah L. Chen, BA, Mitchell J. Yelton, BS, Philip J. Rosinsky, MD, Rafael Walker-Santiago, MD, Jacob Shapira, MD, Ajay C. Lall, MD, MS, Benjamin G. Domb, MD

### **An Analysis of Current Treatment Trends in Platelet-Rich Plasma Therapy in the Medicare Database**

Brian C. Werner, MD, Jourdan M. Cancienne, MD, Robert Browning, MD, Nikhil N. Verma, MD, Brian J. Cole, MD

### **Treatment of Pectoralis Major Tendon Tears: A Systematic Review and Meta-analysis of Operative and Nonoperative Treatment**

Blake M. Bodendorfer, MD, Brian P. McCormick, BS, David X. Wang, BA, Austin M. Looney, MD, Christine M. Conroy, BS, Caroline M. Fryar, MS, Joshua A. Kotler, MD, William J. Ferris, MBA, William F. Postma, MD, Edward S. Chang, MD

### **Preoperative Rotator Muscle Strength Ratio Predicts Shoulder Function in Patients After Rotator Cuff Repair**

Sang Min Lee, MSc, Yong Gon Seo, PhD, Won Hah Park, MD, Jae Chul Yoo, MD

### **Clinical Outcomes After Medial Patellofemoral Ligament Reconstruction With Suture Fixation of the Gracilis Tendon via Transosseous Tunnels**

Hangzhou Zhang, Mao Ye, MD, Qingwei Liang, MD

### **Hand-Held Portable Versus Conventional Cart-Based Ultrasound in Musculoskeletal Imaging**

Anna L. Falkowski, MD, MHBA, Jon A. Jacobson, MD, Michael T. Freehill, MD, Vivek Kalia, MD, MPH

**Comparison of Functional and Radiological Outcomes of Tears Involving the Subscapularis: Isolated Subscapularis Versus Combined Anterosuperior Rotator Cuff Tears**

Prashant Meshram, MS, DNB, Sung-Min Rhee, MD, PhD, Joo Hyun Park, MD, Joo Han Oh, MD, PhD

**Bone Marrow Aspirate Concentrate Is Equivalent to Platelet-Rich Plasma for the Treatment of Knee Osteoarthritis at 1 Year: A Prospective, Randomized Trial**

Adam W. Anz, MD, Ryan Hubbard, MD, Nicole K. Rendos, PhD, Peter A. Everts, PhD, FRSM, James R. Andrews, MD, Joshua G. Hackel, MD

**Prevalence and Impact of Chronic Ankle Instability in Adolescent Athletes**

Luke Donovan, PhD, ATC, Scott Hetzel, MS, Craig R. Laufenberg, MD, Timothy A. McGuine, PhD, ATC

**Risk Factors for Early Subsequent (Revision or Contralateral) ACL Reconstruction: A Retrospective Database Study**

Matthew C. Gallo, BA, Ioanna K. Bolia, MD, MS, PhDc, Omid Jalali, BS, Santano Rosario, MD, Alexis Rounds, MD, Keemia Soraya Heidari, BA, Nicholas A. Trasolini, MD, John P. Prodomo, MD, George Frederick Hatch, MD, Alexander Evan Weber, MD

**International Olympic Committee Consensus Statement: Methods for Recording and Reporting of Epidemiological Data on Injury and Illness in Sports 2020 (Including the STROBE Extension for Sports Injury and Illness Surveillance (STROBE-SIIS))**

International Olympic Committee Injury and Illness Epidemiology Consensus Group, Roald Bahr, MD, PhD, Ben Clarsen, PT, PhD, Wayne Derman, MD, PhD, Jiri Dvorak, MD, PhD  
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**Prevalence and Burden of Health Problems in Male Elite Ice Hockey Players: A Prospective Study in the Norwegian Professional League**

Anine Nordstrøm, MD, Roald Bahr, MD, PhD, Ove Talsnes, MD, PhD, Ben Clarsen, PT, PhD

**At-Risk Tackling Techniques in American Football**

David W. Stockwell, MD, Richard Blalock, MD, Kenneth Podell, PhD, Rex A.W. Marco, MD

**Does the Application of Platelet-Rich Fibrin in Anterior Cruciate Ligament Reconstruction Enhance Graft Healing and Maturation? A Comparative MRI Study of 44 Cases**

Tahsin Beyzadeoglu, MD, Tuna Pehlivanoglu, MD, Kerem Yildirim, MD, Halil Buldu, MD, Reha Tandogan, MD, Umit Tuzun, MD

**Second Anterior Cruciate Ligament Injuries After Anterior Cruciate Ligament Reconstruction in Professional Sumo Wrestlers: A Case Series**

Sadanori Shimizu, MD, PhD, Tsuyoshi Nagase, MD, PhD, Tomohiko Tateishi, MD, PhD, Teruhiko Nakagawa, MD, PhD, Masamitsu Tsuchiya, MD, PhD

**Atelocollagen Injection Improves Tendon Integrity in Partial-Thickness Rotator Cuff Tears: A Prospective Comparative Study**

Jong-Ho Kim, MD, PhD, Dong-Jin Kim, MD, Hyo-Jin Lee, MD, PhD, Baek-Kyu Kim, MD, Yang-Soo Kim, MD, PhD

**Epidemiology of Injuries Sustained in Boys' High School Contact and Collision Sports, 2008-2009 Through 2012-2013**

Erin Hammer, MD, MPH, M. Alison Brooks, MD, MPH, Scott Hetzel, MS, Alan Arakkal, BS, R. Dawn Comstock, PhD

**Clinical Presentation and Outcomes Associated With Fabellectomy in the Setting of Fabella Syndrome**

Travis J. Dekker, MD, Matthew D. Crawford, MD, Nicholas N. DePhillipo, MS, ATC, OPE-C, Mitchell I. Kennedy, BA, W. Jeffrey Grantham, MD, William W. Schairer, MD, Robert F. LaPrade, MD, PhD

**Biomechanical Evaluation of a Novel Loop Retention Mechanism for Cortical Graft Fixation in ACL Reconstruction**

Tobias Götschi, MSc, George Rosenberg, MSc, Xiang Li, PhD, Chen Zhang, MD, Elias Bachmann, MSc, Jess G. Snedeker, PhD, Sandro F. Fucentese, MD

**Complications of Bioabsorbable Tibial Interference Screws After Anterior Cruciate Ligament Reconstruction in Pediatric and Adolescent Athletes**

Dennis E. Kramer, MD, Leslie A. Kalish, ScD, Mininder S. Kocher, MD, MPH, Yi-Meng Yen, MD, PhD, Lyle J. Micheli, MD, Benton E. Heyworth, MD

**What Are the Effects of Remplissage on 6-Month Strength and Range of Motion After Arthroscopic Bankart Repair? A Multicenter Cohort Study**

Travis L. Frantz, MD, Joshua S. Everhart, MD, MPH, Gregory L. Cvetanovich, MD, Andrew Neviasser, MD, Grant L. Jones, MD, Carolyn M. Hettrich, MD, MPH, Brian R. Wolf, MD, MS, MOON Shoulder Group, Julie Bishop, MD, Bruce Miller, MD, Robert H. Brophy, MD, C. Benjamin Ma, MD, Charlie L. Cox, MD, Keith M. Baumgarten, MD, Brian T. Feeley, MD, Alan L. Zhang, MD, Eric C. McCarty, MD, John E. Kuhn, MD

**Assessment of Disability Related to Hip Dysplasia Using Objective Measures of Physical Performance**

Elizabeth J. Scott, MD, Michael C. Willey, MD, Arthur Mercado, BS, John Davison, BS, Jason M. Wilken, PT, PhD

**Efficacy of Extracorporeal Shock Wave Therapy for Achilles Tendinopathy: A Meta-analysis**

Yifei Fan, MBBS, Ziyang Feng, MBBS, Jun Cao, BSMed, Weili Fu, MD

**Meniscal Injury Does Not Significantly Affect the Dimensions of the Intact Meniscus in the Opposite Compartment of the Knee**

Kyoung Ho Yoon, MD, PhD, Sang Jun Song, MD, PhD, Hee Sung Lee, MD, Cheol Hee Park, MD

**Video Analysis of Concussion Exposures in a National Collegiate Athletic Association Division I Football Team**

Ashley V. Austin, MD, Phillip Sasser, MD, Kawai Tanabe, MPH, John M. MacKnight, MD, Jeremy B. Kent, MD

**Risk Factors and Complications Following Arthroscopic Tenotomy of the Long Head of the Biceps Tendon**

Raffy Mirzayan, MD, Christopher McCrum, MD, Rebecca K. Butler, ScM, Ram Kiran Alluri, MD

**What Is the Right Timing for Arthroscopic Capsular Release of a Frozen Shoulder? Letter to the Editor**

Tim Kraal, MD, Karin Hekman, Msc, Michel P.J. van den Bekerom, MD, PhD

**What Is the Right Timing for Arthroscopic Capsular Release of a Frozen Shoulder? Response**

George A.C. Murrell, MD, DPhil

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