

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

**June 2020 - Volume 8, Issue 6**

## **Identifying Patients With Patella Alta and/or Severe Trochlear Dysplasia Through the Presence of Patellar Apprehension in Higher Degrees of Flexion**

Matthew Colatruglio, BS, David C. Flanigan, MD, Sarah Harangody, MD, Robert A. Duerr, MD, Christopher C. Kaeding, MD, Robert A. Magnussen, MD, MPH

## **Long-term Prognosis After Successful Nonoperative Treatment of Osteochondral Lesions of the Talus: An Observational 14-Year Follow-up Study**

Lizzy Weigelt, MD, Christoph J. Laux, MD, Lukas Urbanschitz, MD, Norman Espinosa, MD, Georg Klammer, MD, Tobias Götschi, MSc, Stephan H. Wirth, MD

## **Partial Rotator Cuff Repair With Superior Capsular Reconstruction Using the Biceps Tendon Is as Effective as Superior Capsular Reconstruction Using a Tensor Fasciae Latae Autograft in the Treatment of Irreparable Massive Rotator Cuff Tears**

Baris Kocaoglu, MD, Goktug Firatli, MD, Tekin Kerem Ulku, MD

## **Coronal Alignment Correction and Maintenance of Tibial Slope in Opening-Wedge Valgus High Tibial Osteotomy Using a 4-Reference Kirschner Wire Technique: A Cadaveric Study**

Chaiwat Chuaychoosakoon, MD, Wachiraphan Parinyakhup, MD, Atichart Kwanyuang, PhD, Yada Duangnumswang, DVM, MSc, Boonsin Tangtrakulwanich, MD, PhD, Tanarat Boonriong, MD

## **Clinical Outcomes and Complications During and After Medial Open-Wedge High Tibial Osteotomy Using a Locking Plate: A 3- to 7-Year Follow-up Study**

Koji Yabuuchi, MD, Eiji Kondo, MD, PhD, Jun Onodera, MD, PhD, Tomohiro Onodera, MD, PhD, Tomonori Yagi, MD, PhD, Norimasa Iwasaki, MD, PhD, Kazunori Yasuda, MD, PhD

## **Symmetries in Muscle Torque and Landing Kinematics Are Associated With Maintenance of Sports Participation at 5 to 10 Years After ACL Reconstruction in Young Men**

Iftach Hetsroni, MD, Yohay Wiener, MPE, David Ben-Sira, PhD, Antonio Dello Iacono, PhD, Niv Marom, MD, Mischa van Stee, BPT, Moshe Ayalon, PhD

## **Magnetic Resonance Imaging of Pectoralis Major Injuries in an Active Duty Military Cohort: Mechanism Affects Tear Location**

John Synovec, MD, MBA, K. Aaron Shaw, DO, Joshua Hattaway, DO, Aimee M. Wilson, MD, Mickey Chabak, MD, Stephen A. Parada, MD

## **Latarjet Procedure for Anterior Glenohumeral Instability: Early Postsurgical Complications for Primary Coracoid Transfer Versus Revision Coracoid Transfer After Failed Prior Stabilization**

Gary F. Updegrove, MD, Patrick S. Buckley, MD, Ryan M. Cox, MD, Stephen Selverian, MD, Manan S. Patel, BA, Joseph A. Abboud, MD

**A Novel Scoring Instrument to Assess Donor Site Morbidity After Anterior Cruciate Ligament Reconstruction With a Patellar Tendon Autograft at 2-Year Follow-up Using Contemporary Graft-Harvesting Techniques**

Brittney A. Hacken, MD, Lucas K. Keyt, BS, Devin P. Leland, BS, Matthew D. LaPrade, BS, Christopher L. Camp, MD, Bruce A. Levy, MD, Michael J. Stuart, MD, Aaron J. Krych, MD

**Immobilization in External Rotation Reduces the Risk of Recurrence After Primary Anterior Shoulder Dislocation: A Meta-analysis**

Kiyotsugu Shinagawa, MD, Yumi Sugawara, PhD, Taku Hatta, MD, PhD, Nobuyuki Yamamoto, MD, PhD, Ichiro Tsuji, MD, PhD, Eiji Itoi, MD, PhD

**Do Older Skiers Have Worse Outcomes After Anterior Cruciate Ligament Reconstruction Compared With Non-Skiers or Younger Skiers?**

Alexandra N. Schumacher, MS, Darby A. Houck, BA, Armando F. Vidal, MD, Michelle L. Wolcott, MD, Eric C. McCarty, MD, Jonathan T. Bravman, MD, Rachel M. Frank, MD

**Use of the Patient-Reported Outcomes Measurement Information System (PROMIS) for Operative Shoulder Outcomes**

Ilona Schwarz, MS, John-Rudolph H. Smith, BS, Darby A. Houck, BA, Rachel M. Frank, MD, Jonathan T. Bravman, MD, Eric C. McCarty, MD

**Return to Sport After Arthroscopic Rotator Cuff Repair in Middle-Aged and Elderly Swimmers**

Yohei Shimada, MD, Hiroyuki Sugaya, MD, Norimasa Takahashi, MD, Keisuke Matsuki, MD, Morihito Tokai, MD, Takeshi Morioka, MD, Yusuke Ueda, MD, Shota Hoshika, MD, Hiroshige Hamada, MD, Satoshi Inoue, MD, Eiko Hashimoto, MD, Nobuyasu Ochiai, MD

**Augmentation of Meniscal Repair With Platelet-Rich Plasma: A Systematic Review of Comparative Studies**

John W. Belk, BA, Matthew J. Kraeutler, MD, Stephen G. Thon, MD, Connor P. Littlefield, BA, John H. Smith, BA, Eric C. McCarty, MD

**Interaction Between Age and Change in Velocity During a Baseball Training Program**

Christopher Antonacci, BS, Thomas R. Atlee, BA, Peter N. Chalmers, MD, Christopher Hadley, BS, Meghan E. Bishop, MD, Anthony A. Romeo, MD, Brandon J. Erickson, MD

**Early Versus Delayed Mobilization Postoperative Protocols for Lateral Ankle Ligament Repair: A Systematic Review and Meta-analysis**

Matthew L. Vopat, MD, Armin Tarakemeh, BA, Brandon Morris, MD, Maaz Hassan, BS, Pat Garvin, DO, Rosey Zackula, MA, Scott Mullen, MD, John Paul Schroepel, MD, Bryan G. Vopat, MD

**Failure Analysis in Patients With Patellar Redislocation After Primary Isolated Medial Patellofemoral Ligament Reconstruction**

Matthias J. Feucht, MD, Julian Mehl, MD, Philipp Forkel, MD, Andrea Achtnich, MD, Andreas Schmitt, MD, Kaywan Izadpanah, MD, Andreas B. Imhoff, MD, Daniel P. Berthold, MD

### **Cost Drivers Associated With Anterior Shoulder Stabilization Surgery**

Lambert T. Li, BA, Steven L. Bokshan, MD, James G. Levins, MD, Brett D. Owens, MD

### **Acute Effects of Increased Joint Mobilization Treatment Duration on Ankle Function and Dynamic Postural Control in Female Athletes With Chronic Ankle Instability**

Christopher J. Holland, MSc, Jonathan D. Hughes, PhD, Mark B.A. De Ste Croix, PhD

### **The Affect of Patient Sex and Graft Type on Postoperative Functional Outcomes After Primary ACL Reconstruction**

Milos Lesevic, BS, Michelle E. Kew, MD, Stephan G. Bodkin, MEd, ATC, David R. Diduch, MD, Stephen F. Brockmeier, MD, Mark D. Miller, MD, F. Winston Gwathmey, MD, Brian C. Werner, MD, Joseph M. Hart, PhD, ATC

### **Are There Harmful Effects of Preoperative Mild Lateral or Patellofemoral Degeneration on the Outcomes of Open Wedge High Tibial Osteotomy for Medial Compartmental Osteoarthritis?**

Dong Hyun Kim, MD, Seong Chan Kim, MD, Ji Soo Yoon, MD, Yong Seuk Lee, MD, PhD

### **National Trends in Use of Regional Anesthesia and Postoperative Patterns of Opioid Prescription Filling in Shoulder Arthroscopy: A Procedure-Specific Analysis in Patients With or Without Recent Opioid Exposure**

Nicholas A. Trasolini, MD, Ioanna K. Bolia, MD, MS, Hyunwoo P. Kang, MD, Anthony Essilfie, MD, Erik N. Mayer, MD, Reza Omid, MD, Seth C. Gamradt, MD, George F. Hatch, MD, Alexander E. Weber, MD

### **Inconsistencies in the MRI Evaluation of Supraspinatus Volume After Repair**

Young Hoon Jang, MD, Bo-Kyung Suh, MD, Hyunseok Jeong, MD, Oh Hyo Kwon, MD, Sae Hoon Kim, MD, PhD

### **Identification of Ankle Injury Risk Factors in Professional Soccer Players Through a Preseason Functional Assessment**

Lucas Sartori Manoel, PhD, Marcela Godoy Xixirry, BSc, Thabata Pasquini Soeira, MSc, Marcelo Camargo Saad, PhD, Marcelo Riberto, MD, PhD

### **Treatment After Anterior Cruciate Ligament Injury: Panther Symposium ACL Treatment Consensus Group**

Theresa Diermeier, MD, Benjamin B. Rothrauff, MD, PhD, Lars Engebretsen, MD, PhD, Andrew D. Lynch, PhD, PT, Olufemi R. Ayeni, MD, PhD, Mark V. Paterno, PT, PhD, John W. Xerogeanes, MD, Freddie H. Fu, MD, DSc, DPs (Hon), Jon Karlsson, MD, PhD, Volker Musahl, MD, the Panther Symposium ACL Treatment Consensus Group, Charles H. Brown, Jr, MD, Terese L. Chmielewski, PT, PhD, SCS, Mark Clatworthy, MBChB, FRACS, Stefano Della Villa, MD, Lucio Ernlund, MD, MSc, Christian Fink, MD, Prof., Alan Getgood, MD, FRCS(Tr&Orth), DipSEM, Timothy E. Hewett, PhD,

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**Risk of Injuries Associated With Sport Specialization and Intense Training Patterns in Young Athletes: A Longitudinal Clinical Case-Control Study**

Neeru Jayanthi, MD, Stephanie Kleithernes, PhD, Lara Dugas, PhD, Jacqueline Pasulka, DO, Sara Iqbal, BS, Cynthia LaBella, MD

**Painful Palpation of the Tibial Insertion of the Anterolateral Ligament Is Concordant With Acute Anterolateral Ligament Injury**

Jérôme Murgier, MD, Pierre Thomas, MD, Nicolas Reina, MD, PhD, Rémi Sylvie, MD, Emilie Bérard, MD, PhD, Etienne Cavaignac, MD, PhD

**Prescription Patterns and Risk Factors for Prolonged Opioid Dependence in Elective Anterior Cruciate Ligament Reconstruction in a Military Population**

Ashley B. Anderson, MD, George C. Balazs, MD, Daniel I. Brooks, PhD, Benjamin K. Potter, MD, Jonathan A. Forsberg, MD, PhD, Jonathan F. Dickens, MD

**Gene Expression in Torn Rotator Cuff Tendons Determined by RNA Sequencing**

Robert Z. Tashjian, MD, Ian Lock, Erin K. Granger, MPH, Yangliang Wang, MD, DDS, Younghee Lee, PhD, Peter N. Chalmers, MD, Kevin B. Jones, MD

**Arthroscopic Modified Bosworth Procedure for Refractory Lateral Elbow Pain With Radiocapitellar Joint Snapping**

In-Ho Jeon, MD, PhD, Jae-Man Kwak, MD, Bin Zhu, MD, Yucheng Sun, MD, PhD, Hyojune Kim, MD, Kyoung-Hwan Koh, MD, PhD, Erica Kholinne, MD, PhD

**Perioperative and Postoperative Factors Influence Quadriceps Atrophy and Strength After ACL Reconstruction: A Systematic Review**

Jacqueline E. Baron, MD, Emily A. Parker, BA, Kyle R. Duchman, MD, Robert W. Westermann, MD

**Return to Sport After Anterior Cruciate Ligament Injury: Panther Symposium ACL Injury Return to Sport Consensus Group**

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