

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

**June 2018 - Volume 6, Issue 6**

## **Derotational Osteotomy of the Distal Femur for the Treatment of Patellofemoral Instability Simultaneously Leads to the Correction of Frontal Alignment: A Laboratory Cadaveric Study**

Florian B. Imhoff, MD, Knut Beitzel, MD, Philip Zakko, BSA, Elifho Obopilwe, MS, Andreas Voss, MD, Bastian Scheiderer, MD, Daichi Morikawa, MD, PhD, Augustus D. Mazzocca, MD, MS, Robert A. Arciero, MD, Andreas B. Imhoff, MD

## **Repair Integrity in Patients Returning for an Unscheduled Visit After Arthroscopic Rotator Cuff Repair: Return or Not?**

Syed Mohammed Taif Rizvi, Patrick Lam, PhD, George A.C. Murrell, MD, DPhil

## **Allograft Use Results in Higher Re-revision Rate for Revision Anterior Cruciate Ligament Reconstruction**

Kåre Amtoft Nissen, MD, Niclas Højgaard Eysturoy, MD, Torsten Grønbech Nielsen, PT, Martin Lind, Prof., DrMed, PhD, MD

## **Use of Posterior Hamstring Harvest During Anterior Cruciate Ligament Reconstruction in the Pediatric and Adolescent Population**

Krishn Khanna, MD, Abhinav Janghala, BA, Nirav K. Pandya, MD

## **Influence of Maximal Running Shoes on Biomechanics Before and After a 5K Run**

Christine D. Pollard, PhD, PT, Justin A. Ter Har, BS, J.J. Hannigan, PhD, ATC, Marc F. Norcross, PhD, ATC

## **Outcomes of Joint Preservation Procedures for Cartilage Injuries in the Hip: A Systematic Review and Meta-analysis**

Michaela O'Connor, BA, Anas A. Minkara, BHS, Robert W. Westermann, MD, James Rosneck, MD, T. Sean Lynch, MD

## **Clinical Outcomes After the Nonoperative Management of Lateral Patellar Dislocations: A Systematic Review**

Munim Moiz, MBBS, BSc, Nick Smith, BMBS, BMedSci, MSc, PhD, FRCS(Tr&Orth), Toby O. Smith, BSc(Hons), MCSP, MSc, MA, PhD, Amit Chawla, MBBS, BSc, Peter Thompson, MBChB, FRCS(Tr&Orth), Andrew Metcalfe, MBChB, BMedSci, FRCS(Tr&Orth), PhD

## **Arthroscopic-Assisted Latissimus Dorsi Tendon Transfer for Massive Rotator Cuff Tears: A Systematic Review**

Muzammil Memon, MD, Jeffrey Kay, MD, Emily Quick, BSc, Nicole Simunovic, MSc, Andrew Duong, MSc, Patrick Henry, MD, FRCSC, Olufemi R. Ayeni, MD, PhD, FRCSC

### **Correlation Between Quality of Evidence and Number of Citations in Top 50 Cited Articles in Rotator Cuff Repair Surgery**

Kyle R. Sochacki, MD, Robert A. Jack, II, MD, Richard Nauert, BS, Joshua D. Harris, MD

### **Evaluation of Endothelial and Vascular-Derived Progenitor Cell Populations in the Proximal and Distal UCL of the Elbow: A Comparative Study**

Salvatore J. Frangiamore, MD, Elizabeth R. Morris, BA, Alex C. Scibetta, BA, Jorge Chahla, MD, PhD, Gilbert Moatshe, MD, PhD, David Civitaresse, BS, Matthew T. Provencher, MD, Thomas R. Hackett, MD, Johnny Huard, PhD, Robert F. LaPrade, MD, PhD

### **Biomechanical Comparison of Epiphyseal Anterior Cruciate Ligament Fixation Using a Cortical Button Construct Versus an Interference Screw and Sheath Construct in Skeletally Immature Cadaveric Specimens**

Alex G. Dukas, MD, MA, Kevin G. Shea, MD, Carl W. Nissen, MD, Elifho Obopilwe, MS, Peter D. Fabricant, MD, MPH, Peter C. Cannamela, BS, Matthew D. Milewski, MD

### **Epidemiology of Recurrent Anterior Cruciate Ligament Injuries in National Collegiate Athletic Association Sports: The Injury Surveillance Program, 2004-2014**

Itai Gans, MD, Julia S. Retzky, BA, Lynne C. Jones, PhD, Miho J. Tanaka, MD

### **Biomechanical Comparison of Screw Fixation Versus a Cortical Button and Self-tensioning Suture for the Latarjet Procedure**

Matthew T. Provencher, MD, CAPT, MC, USNR, Zachary S. Aman, BA, Christopher M. LaPrade, MD, Andrew S. Bernhardtson, MD, Gilbert Moatshe, MD, PhD, Hunter W. Storaci, MS, Jorge Chahla, MD, PhD, Travis Lee Turnbull, PhD, Robert F. LaPrade, MD, PhD

### **Passive Knee Stability After Anterior Cruciate Ligament Reconstruction Using the Endobutton or ToggleLoc With ZipLoop as a Femoral Fixation Device: A Comparison of 1654 Patients From the Danish Knee Ligament Reconstruction Registry**

Christian Asmus Peter Asmussen, MD, Mikkel Lindegaard Attrup, MD, Kristian Thorborg, PT, PhD, Per Hölmich, MD, DMSc

### **Correlation of Patient Symptoms With Labral and Articular Cartilage Damage in Femoroacetabular Impingement**

Trevor Grace, MD, Michael A. Samaan, PhD, Richard B. Souza, PT, PhD, Thomas M. Link, MD, PhD, Sharmila Majumdar, PhD, Alan L. Zhang, MD

### **Comparative Outcomes of All-Inside Versus Inside-Out Repair of Bucket-Handle Meniscal Tears: A Propensity-Matched Analysis**

Brian T. Samuelson, MD, MBA, Nicholas R. Johnson, BS, Mario Hevesi, MD, Bruce A. Levy, MD, Diane L. Dahm, MD, Michael J. Stuart, MD, Aaron J. Krych, MD

### **Return to Play After Anterior Cervical Discectomy and Fusion in Professional Athletes**

Robert Green Watkins, IV, MD, David Chang, MD, Robert Green Watkins, III, MD

### **Hamstring Autograft in ACL Reconstruction: A 13-Year Predictive Analysis of Anthropometric Factors and Surgeon Trends Relating to Graft Size**

Prem N. Ramkumar, MD, MBA, Michael D. Hadley, MD, Morgan H. Jones, MD, Lutul D. Farrow, MD

### **Hurt on the Hill: A Longitudinal Analysis of Obstacle Course Racing Injuries**

Haddon Rabb, BSc, Jillian Coleby, MD

### **Risk Factors for Deep Vein Thrombosis or Pulmonary Embolus Following Anterior Cruciate Ligament Reconstruction**

Steven L. Bokshan, MD, Steven F. DeFroda, MD, MEng, Nicholas M. Panarello, ENS, MC, Brett D. Owens, MD

### **Knee Joint Kinematics and Kinetics During Walking and Running After Surgical Achilles Tendon Repair**

Daniel Jandacka, PhD, Jan Plesek, Jiri Skypala, Jaroslav Uchytíl, PhD, Julia Freedman Silvernail, PhD, Joseph Hamill, PhD

### **Age- and Sex-Specific Morphologic Variations of Capital Femoral Epiphysis Growth in Children and Adolescents Without Hip Disorders**

Eduardo N. Novais, MD, Daniel A. Maranhão, MD, PhD, Young-Jo Kim, MD, PhD, Ata Kiapour, PhD, MMSc

### **Clinical Evaluation of an Arthroscopic Knotless Suprapectoral Biceps Tenodesis Technique: Loop 'n' Tack Tenodesis**

Robert A. Duerr, MD, Darin Nye, MD, James M. Paci, MD, Sam Akhavan, MD

### **Injuries in the Chinese Arena Football League: American Versus Chinese Players**

Tianwu Chen, MD, Austin Wetzler, BS, Scott Singer, MD, MPH, Michael Feldman, MD, David Rubenstein, MD, Gunnar Gillespie, BA, Shiyi Chen, MD, PhD, Merrick Wetzler, MD

### **Do Articular-Sided Partial-Thickness Rotator Cuff Tears After a First-Time Traumatic Anterior Shoulder Dislocation in Young Athletes Influence the Outcome of Surgical Stabilization?**

Madis Rahu, MD, Jüri-Toomas Kartus, MD, PhD, Elle Põldoja, MD, Kirsti Pedak, MSc, Ivo Kolts, MD, PhD, Kristo Kask, MD, PhD

### **Propagation of Syndesmotic Injuries During Forced External Rotation in Flexed Cadaveric Ankles**

Alexander Ritz Mait, MS, Jason Lee Forman, PhD, Bingbing Nie, PhD, John Paul Donlon, BS, Adwait Mane, MS, Ali Reza Forghani, PhD, Robert B. Anderson, MD, M. Truitt Cooper, MD, Richard W. Kent, PhD

### **Is Edema at the Posterior Medial Tibial Plateau Indicative of a Ramp Lesion? An Examination of 307 Patients With Anterior Cruciate Ligament Reconstruction and Medial Meniscal Tears**

Neil S. Kumar, MD, MBA, Tiahna Spencer, BS, Mark P. Cote, DPT, Robert A. Arciero, MD, Cory Edgar, MD, PhD

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