

ARTHROSCOPY

THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY

Official Journal of the Arthroscopy Association of North America
International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine
International Society for Hip Arthroscopy

Volume 29 • Number 12

December 2013

CONTENTS

EDITORIALS

1897 **Looking Forward and Back: The Value of Arthroscopy, Shoulder Controversies, Hip Advancements, Cartilage Cutting Edge, and Arthroscopy Techniques**
James H. Lubowitz, Matthew T. Provencher, and Gary G. Poehling

1900 **Lights, Camera, Action: How to Make Arthroscopy a Star in Value-Based Health Care**
Kamran S. Hamid, Benedict U. Nwachukwu, and Gary G. Poehling

LETTER TO THE EDITOR

1902 **The Rotator Cuff Repair Mess**
Jose Miguel Palomo

On the Cover: A healthy 25-year-old male car mechanic presented to our clinic with a painful, well-defined swelling lateral to the patella of 6 months duration. There was no previous trauma, he had a full range of motion, and there was no joint effusion. Ligamentous examination showed no abnormalities, and meniscal provocation tests were negative. MRI revealed a multiloculated cyst lateral to the patella of 40 × 20 mm. On standard arthroscopic examination, we found the intra-articular cyst originating from the synovial lining along the superolateral side of the trochlear groove. The synovial cyst was resected in toto through a parapatellar incision. Histology confirmed the diagnosis and the patient had an uneventful recovery. View accompanying video at www.arthroscopyjournal.org. Courtesy of Peer van der Zwaal, M.D., and Jan-Willem A. Swen, M.D.



ORIGINAL ARTICLES **1903** **Intra-Articular Versus Periarticular Acromioclavicular Joint Injection: A Multicenter, Prospective, Randomized, Controlled Trial**

Manuel Sabeti-Aschraf, Christoph Stotter, Christoph Thaler, Karlheinz Kristen, Maximilian Schmidt, Rolf Michael Krifter, Michael Hexel, Roman Ostermann, Thomas Hofstaedter, Alexandra Graf, and Reinhard Windhager



1911 **Arthroscopic Surgery of Irreparable Large or Massive Rotator Cuff Tears With Low-Grade Fatty Degeneration of the Infraspinatus: Patch Autograft Procedure Versus Partial Repair Procedure**

Daisuke Mori, Noboru Funakoshi, and Fumiharu Yamashita

1922 **Return to Sports After Arthroscopic Anterior Stabilization in Patients Aged Younger Than 25 Years**

Burak Yagmur Ozturk, Travis G. Maak, Peter Fabricant, David W. Altchek, Riley J. Williams, Russell F. Warren, Frank A. Cordasco, and Answorth A. Allen

1932 **Anatomic Footprint of the Direct Head of the Rectus Femoris Origin: Cadaveric Study and Clinical Series of Hips After Arthroscopic Anterior Inferior Iliac Spine/Subspine Decompression**

Onur Hapa, Asheesh Bedi, Onur Gursan, Mehmet Sait Akar, Mustafa Güvencer, Hasan Havitçioğlu, and Christopher M. Larson

1941 **Endoscopic Repair of Full-Thickness Abductor Tendon Tears: Surgical Technique and Outcome at Minimum of 1-Year Follow-up**

Frank McCormick, Kyle Alpaugh, Benedict U. Nwachukwu, Adam B. Yanke, and Scott D. Martin

- 1948 The Influence of Hamstring Autograft Size on Patient-Reported Outcomes and Risk of Revision After Anterior Cruciate Ligament Reconstruction: A Multicenter Orthopaedic Outcomes Network (MOON) Cohort Study**
Michael W. Mariscalco, David C. Flanigan, Joshua Mitchell, Angela D. Pedroza, Morgan H. Jones, Jack T. Andrish, Richard D. Parker, Christopher C. Kaeding, and Robert A. Magnussen
- 1954 Three-Dimensional Intercondylar Notch Volumes in a Skeletally Immature Pediatric Population: A Magnetic Resonance Imaging–Based Anatomic Comparison of Knees With Torn and Intact Anterior Cruciate Ligaments**
Vimarsha Gopal Swami, Myles Mabee, Catherine Hui, and Jacob Lester Jaremko
- 1963 The Shape and the Thickness of the Anterior Cruciate Ligament Along Its Length in Relation to the Posterior Cruciate Ligament: A Cadaveric Study**
Eleni Triantafyllidi, Nikolaos K. Paschos, Anna Goussia, Nektaria-Marianthi Barkoula, Dimitrios A. Exarchos, Theodore E. Matikas, Vassiliki Malamou-Mitsi, and Anastasios D. Georgoulis
- 1974 Outside-In Continuous Suturing Is Superior to Interrupted Suturing for Repairing Peripheral Meniscus Lesions: An In Vitro Biomechanical Study Using a Porcine Model**
Ryan Breland, John Nyland, Yee Han D. Lee, Daniel Culy, Robert Burden, and David Caborn
- 1981 Single-Bundle Anterior Cruciate Ligament Reconstruction: A Biomechanical Cadaveric Study of a Rectangular Quadriceps and Bone–Patellar Tendon–Bone Graft Configuration Versus a Round Hamstring Graft**
Mirco Herbort, Katja Tecklenburg, Thore Zantop, Michael J. Raschke, Christian Hoser, Martin Schulze, Wolf Petersen, and Christian Fink

ASIAN CARTILAGE REPAIR SOCIETY EDITORIAL	1991	Cartilage Repair in Asia: Selected Reports on Research and Clinical Trials <i>James H. P. Hui, Deepak Goyal, Norimasa Nakamura, and Mitsuo Ochi</i>
<hr/>		
ASIAN CARTILAGE REPAIR SOCIETY CURRENT CONCEPTS	1992	Cartilage Repair: 2013 Asian Update <i>James H. P. Hui, Deepak Goyal, Norimasa Nakamura, and Mitsuo Ochi, for the Asian Cartilage Society</i>
<hr/>		
ASIAN CARTILAGE REPAIR SOCIETY ORIGINAL ARTICLES	2001	Nanoparticle Delivery of the Bone Morphogenetic Protein 4 Gene to Adipose-Derived Stem Cells Promotes Articular Cartilage Repair In Vitro and In Vivo <i>Junjun Shi, Xin Zhang, Jingxian Zhu, Yanbin Pi, Xiaoqing Hu, Chunyan Zhou, and Yingfang Ao</i>
	2012	Quantitative Magnetic Resonance Imaging Assessment of Cartilage Status: A Comparison Between Young Men With and Without Anterior Cruciate Ligament Reconstruction <i>Hong Li, Hongyue Tao, Yinghui Hua, Jiwu Chen, Yunxia Li, and Shiyi Chen</i>
	2020	Injectable Cultured Bone Marrow–Derived Mesenchymal Stem Cells in Varus Knees With Cartilage Defects Undergoing High Tibial Osteotomy: A Prospective, Randomized Controlled Clinical Trial With 2 Years’ Follow-up <i>Keng Lin Wong, Kevin Boon Leng Lee, Bee Choo Tai, Ping Law, Eng Hin Lee, and James H. P. Hui</i>
<hr/>		
SYSTEMATIC REVIEWS	2029	The Role of Arthroscopy in Chronic Elbow Instability <i>David Goodwin, Maria Dynin, J. Ryan Macdonnell, and Michael W. Kessler</i>

2037 The Efficacy of Platelet-Rich Plasma in the Treatment of Symptomatic Knee Osteoarthritis: A Systematic Review With Quantitative Synthesis

Amir Khoshbin, Timothy Leroux, David Wasserstein, Paul Marks, John Theodoropoulos, Darrell Ogilvie-Harris, Rajiv Gandhi, Kirat Takhar, Grant Lum, and Jaskarndip Chahal

2049 The Incidence of Complications After Posterior Hindfoot Endoscopy

Michael P. Donnenwerth and Thomas S. Roukis

2055 Announcements

PUBLICATION STAFF

Henry P. Hackett

Managing Editor

Deborah VanNoy

Editorial Associate

Winston-Salem, North Carolina

Jason Miller

Executive Publisher

Elsevier

Philadelphia, Pennsylvania

Kristina W. O'Neil

Journal Manager