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Hiroyuki Sugaya, MD (n), Joji Moriishi, MD, Akihiro Tsuchiya, MD

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Joanne E Labriola, MD (n), Patrick J McMahon, MD, Richard E Debski, PhD

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Alexandre Henrique, MD (n)

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Andrea Celli, MD (n), Maria Carmen Marongiu, MD, Elisa Nicoli, MD, Luigi Celli, MD

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Kingsley Paul Draviaraj, MRCS (a-Acumed), Sanjeev Sharma, MRCS, Manjit Singh Bhamra, FRCS

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Mathys Arend De Beer, M.B.Ch.B.M.Med(Orth) (b-Johnson & Johnson), Johannes M Boon, MMEd(Fam. Med), Delene Botha, BSc(Med Sci), Nicolaas GJ Maritz, MMed(Orth), Anna A Fouche, BScHons(Anatomy)

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Ofer Levy, MD MCh(Orth) (n), Venkat Venkatsawaran, FRCS (Orth), Amit Bhargava, FRCS, Ralph Gregory, MD, Tirtza Even, Stephen Copeland

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Peter Balvanyossy, Dr (n)

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Ralph Frank Henn, BS (n), Robert Z. Tashjian, MD, Lana Kang, MD, Andrew Green, MD

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**Simon P Frostick, MD FRCS (n), Arvind Rawal, MS FRCS, Vanessa S Rayner, Jo Gibson, Margaret M Roebuck**

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**Timothy G Berney, MD (n), Chen Shing-Jye, PhD, Jon E Ekstrom, MD, Matthew S Shapiro, MD**

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Xavier A Duralde, MD (n), W. Scott Kimmerly, MD

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Yong Girl Rhee, MD (n), Chan Teak Lim, MD

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Tae-Soo Park, PhD (n), Tai-Sung Kim, PhD

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Andrew Tan, MD (*), Carter D. Kiesau, BS, Kristi Gibbs, BS, Frederick A. Matsen III, MD

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Arun J Ramappa, MD (n), Edward McFarland, MD, Timothy S. Bollem, MD, Tyler R Richardson, BA, Karen K Briggs, MPH, Richard J Hawkins, MD

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Basil Christopher Vrettos, FRCS, FCS(SA)Orth (n), Stephen Roche, FCS(SA)Orth

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Carolyn M. Hettrich, BS (*), Edward J. Weldon III, MD, Frederick A. Matsen III, MD

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Daniel J Brown, MB ChB (n), Mohammed F El-Meligy, Jo Gibson, Simon P Frostick

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Eric S Powell, PhD (n), Ian A Trail, FRCS, John F Haines, FRCS

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Toshihisa Ohsawa, MD, Kenji Takagishi, MD, PhD (*), Takashi Ishikawa, MD, PhD, Masayuki Aramaki, MD, Sachiko Aiba, MD, Hideki Suzuki, MD, Tetsuya Sinozaki, MD

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Lennard Funk, FRCS(Tr&Orth) (n), Ofer Levy, MD, Steven Copeland, FRCS, Tirtza Even, MD

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Mehmet Demirhan, Professor (a-Istanbul University), Onder Kilicoglu, MD, Ozgur Koyuncu, MD, Ata Can Atalar, MD, Cem Zeki Esenyel, MD, Ergun Bozdog, PhD, Emin Sunbuloglu, PhD

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Melinda Harman, MSc (a,e-Encore Medical), Scott Banks, Ph D, Matthew Vasey, BS, William Lee III, PhD, Leo Ondrovic, PhD, Tim Ganey, PhD, Sergio Gutierrez, BS, Mark A. Frankle, MD

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Neil J Maki, MD (n)

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Simon Bell, FRACS (n), Sally Green, Anthony Ugoni

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Augustus D Mazzocca, MD, Stephen A Santangelo, BS (a-Arthrex), Douglas J Adams, PhD, Anthony A Romeo, MD, Robert A Arciero, MD

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Excessive Humeral External Rotation as in the Late Cocking Phase of Throwing Results in Increased Shoulder Laxity

Teruhisa Mihata, MD, Yeon Soo Lee, PhD, Michelle H. McGarry, MS, Thay Q. Lee, PhD (n)

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Toshinori Yoshimatsu, MD (n), Shunichi Yoshimatsu, MD

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W Angus Wallace, FRCSEd(Orth) (n), Martin Scott, MCSP, In-Ho Jeon, MD, Ann Mackie, MCSP, Sandra Merrin

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Walter Stanwood, MD (n), Ken Rieger, MD, Ilya Voloshin, MD, Theodore Blaine, MD, William Levine, MD, Louis Bigliani, MD

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William H Seitz, Jr., MD (n)

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Young Lae Moon, Assistant professor (n), Jae Won You, Professor

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Edward J. Weldon III, MD (n), Richard S. Boorman, MD, Kevin L. Smith, MD, Frederick A. Matsen III, MD

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Edward J. Weldon III, MD (n), Richard S. Boorman, MD, Frederick A. Matsen III, MD

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Glenoid Contact Patterns in Normal, Denuded, and Reconstructed Glenohumeral Joints

Edward J. Weldon III, MD (n), Richard S. Boorman, MD, Carolyn M. Hettrich, BS, Alexis Falicov, MD, Frederick A. Matsen III, MD

Poster # 237
Arthroscopically Assisted Mini-Open En Bloc Resection of the Distal Clavicle. A Preliminary Report

Tae-Soo Park, PhD (n), Ye-Soo Park, PhD

Stiffness

Poster # 238
Articular Distension and Closed Manipulation in the Management of Frozen Shoulder: An Evaluation of 86 Cases Treated

Alexandre Henrique, MD (n)
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The Efficiency Of Arthroscopic Capsular Release In Frozen Shoulders
Ata Can Atalar, MD (n), Mehmet S Demirhan, Prof

Poster # 240
Arthroscopic Release of Coracohumeral Ligament in the Treatment of Frozen Shoulder
Bhuvaneswar Machani, MRCS (n), Achutosh Acharya, Prasad Meda, Chris Sinopidis, Peter Brownson, Simon Frostick, FRCS

Poster # 241
Long Term Results of Manipulation Under Anesthesia for Frozen Shoulder
Christopher M Farrell, MD, John W Sperling, MD (n), Robert H Cofield, MD

Thermal Capsulorraphy

Poster # 242
Thermal Capsular Shrinking in the Treatment of Unstable Shoulders in Athletes - Mid-term Results Three to Five Years after Surgery
Hans-Gerd Pieper, MD (n), Sabine Soerries, MD, Rene Tibussek, MD

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Does Immobilization after RF Induced Shrinkage Influence the Biomechanical and Histologic Properties of Collagenous Tissue? An In Vivo Rabbit Study
Wolfgang Potzl, MD (a-Mitek/Ethicon), Till Heusner,, Philipp Kumpers, Bjorn Marquardt, MD, Kai-Axel Witt, MD

Trauma

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Amit Thaper, B Med Sci (n), W Angus Wallace, FRCSEd(Orth), Victoria C Banks, MB BS

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To Assess the Efficacy of a Combination of Plating and Monolateral External Fixation in the Treatment of Recalcitrant Nonunions of the Humeral Shaft
Nicos Giotakis, Chris Sinopidis, Asif Pardiwala, MS Orthopaedics (a,e-Royal Liverpool University Hospital), S. Nayagam, Badri Narayan, Simon Frostick Prof

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Traumatic Epiphyseolysis Capitis Humeri in a Young Competitive Athlete – A Case Report
R. Weidenbach, K. Wortmann, Hans-Gerd Pieper, MD (n)

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Early Clinical and Functional Results using the PHILOS for Proximal Humeral Fractures
John R Williams, MD (n), Lee M Longstaff, BMBCh, Ali S Bajwa, MBBS, P Patil, MBBS, Raymond Liow, MBBS, Andrew Port, MBBS

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Results of Polarus Shoulder Hemiarthroplasty in Four-part Proximal Humerus Fracture
Kingsley Paul Draviaraj, MRCS (n), Sanjeev Sharma, MRCS, Manjit Singh Bhamra, FRCS

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A New Prosthetic Design for Proximal Humeral Fractures: Reconstructing the Glenohumeral Unit
_Lieven Franciscus DE WILDE, MD (n), Bart Berghs, MD_

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Complex Injury Patterns of the Shoulder Girdle
_Manabu Oshima, MD (n), Yoshiyuki Nakagawa, MD, Takamitsu Mondori, MD_

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Challenges Faced in Carrying out an Artificial Total Clavicle Replacement
_Rinco Koorevaar, DM (n), In-Ho Jeon, MD, W Angus Wallace, FRCS(Orth)_

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_Stephen J L Roche, MD (a-South African Shoulder and Elbow Society), Basil C Vrettos, MD_

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