

SCIENTIFIC EXHIBITS

The following Scientific Exhibits have been selected by the AAOS Exhibits Committee to receive the 2008 Annual Meeting Scientific Exhibit Award of Excellence:

SE32 The Influence of Contemporary Knee Design Geometry on High Flexion Motion: A Kinematic Comparison

Presenter: Edward Morra, MSME

Co-Authors: A Seth Greenwald, DPhil Oxon

SE67 Application of Anatomic Double Bundle Reconstruction Concept in Revision/Augmentation ACL Surgeries

Presenter: Wei Shen, MD

Co-Authors: Nicholas J Honkamp, MD Brian Forsythe, MD, Sheila Jean McNeill Ingham, MD, Freddie H Fu, MD

SE71 Arthroscopic Management of Labral Tears in the Hip

Presenter: Michael Kenneth Shindle, MD

Co-Authors: James Voos, MD, Shane Nho, MD, Katrina DeLaTorre, MSN, Bryan T Kelly, MD

The following Scientific Exhibits have been selected to be submitted to JBJS for possible inclusion in a supplemental fall issue. Author will be contacted by JBJS if selected.

SE01 - Thin Acetabular Shells Increase the Disassociation Risk of Ceramic Liners

Presenter: Jonathan F.I. Greenwald, MA, Cleveland, OH

Co-Authors: Mircea Rosca, BSME, Cleveland, OH

Paul D Postak, BSc, Cleveland, OH

A Seth Greenwald, DPhil Oxon, Cleveland, OH

SE02 - A Systematic Approach to Radiographic Evaluation of the Young Hip

Presenter: John Carlisle, MD, Webster Groves, MO

Co-Authors: John C Clohisy, MD, Saint Louis, MO

Paul E Beaulé, MD, Ottawa, ON

Robert T Trousdale, MD, Rochester, MN

Perry L Schoenecker, MD, Saint Louis, MO

Young-Jo Kim, MD, Boston, MA

Michael B Millis, MD, Boston, MA

SE03 - Treatment of Early-Stage Osteonecrosis of the Femoral Head

Presenter: David R Marker, BS, Baltimore, MD
Co-Authors: Thorsten M Seyler, MD, Winston-Salem, NC
Ronald Emilio Delanois, MD, Lutherville, MD
Slif D Ulrich, MD, Baltimore, MD
Srivastava Siddharth, BS, Baltimore, MD
Michael A Mont, MD, Baltimore, MD

SE04 - Survivorship Analysis of 2000 Consecutive Tapered Titanium Porous Plasma Sprayed Femoral Components

Presenter: Thomas H Mallory, MD, New Albany, OH
Co-Authors: Keith R Berend, MD, New Albany, OH
Adolph V Lombardi Jr, MD, New Albany, OH
Joanne B Adams, New Albany, OH

SE10 - Metal Ion Measurement as a Diagnostic Tool to Identify Problems With Metal-on-Metal Hip Resurfacing

Presenter: Koen Aime De Smet, MD, Heusden,
Co-Authors: R de Haan, Helgelo,
Harinderjit Singh Gill, PHD, Oxford,
Edward Ebramzadeh, PhD, Los Angeles, CA
Patricia A Campbell, PhD, Los Angeles, CA

SE13 - Squeaking Hips

Presenter: William Lindsay Walter, MD, Waverton, NSW
Co-Authors: Ronald M Gillies, BS, Sydney, NSW
Shane Donohoo, Sydney, NSW
Steven M Kurtz, PhD, Philadelphia, PA
Amar S Ranawat, MD, New York, NY
William J Hozack, MD, Philadelphia, PA
Michael A Tuke, Surrey,
Tim S Waters, MD, Stanmore,

SE16 - Enhanced Cross-Linked Polyethylene Modular Acetabular Designs: Performance Characteristics

Presenter: Mircea Rosca, BSME, Cleveland, OH
Co-Authors: Paul D Postak, BSc, Cleveland, OH
A Seth Greenwald, DPhil Oxon, Cleveland, OH

SE18 - Fracture of Highly Cross-Linked UHMWPE Acetabular Liners

Presenter: Jevan Furmanski, MS, Berkeley, CA
Co-Authors: Sara A Atwood, MS, Berkeley, CA
B Sonny Bal, MD, Columbia, MO
Martin R Anderson, MD, Carson City, NV
Brad L Penenberg, MD, Beverly Hills, CA
David K Halley, MD, Columbus, OH
A Seth Greenwald, DPhil Oxon, Cleveland, OH
Lisa Pruitt, PhD, Berkeley, CA
Michael D Ries, MD, San Francisco, CA

SE20 - Percutaneously Assisted Total Hip Arthroplasty (PATH): A New Less Invasive Technique

Presenter: Brad L Penenberg, MD, Beverly Hills, CA
Co-Authors: William Seth Bolling, MD, Los Angeles, CA

SE22 - Clicking and Squeaking: In Vivo Sound and Separation Correlation of Different Bearing Surfaces

Presenter: Diana A Glaser, MS, Knoxville, TN
Co-Authors: Harold E Cates Jr, MD, Knoxville, TN
Richard D Komistek, PhD, Knoxville, TN
Mohamed Mahfouz, PhD, Knoxville, TN
Douglas A Dennis, MD, Denver, CO

SE26 - Distal Femoral Replacement in Management of Severe Femoral Bone Loss in Non-Oncologic Cases

Presenter: Keith R Berend, MD, New Albany, OH
Co-Authors: Adolph V Lombardi Jr, MD, New Albany, OH

SE27 - Balancing the Flexion Gap: The Relationship Between Tibial Slope and PCL Release With ROM

Presenter: Jorge Aziz, MD, New Albany, OH
Co-Authors: Adolph V Lombardi Jr, MD, New Albany, OH
Keith R Berend, MD, New Albany, OH
Mark Davis, DO, Wesley Chapel, FL

SE29 - Popliteus Tendon Release in the Varus or Neutral Knee: Incidence and Potential Etiology

Presenter: Carmen Crofoot, MD, Farmington, ME
Co-Authors: Erik P Severson, MD, Salt Lake City, UT
Rhett Hallows, MD, Salt Lake City, UT
Jill Erickson, PA, Salt Lake City, UT

Christopher L Peters, MD, Salt Lake City, UT

SE31 - Computer-Assisted Surgery in Total Joint Arthroplasty: Complications, Pitfalls and Solutions

Presenter: Slif D Ulrich, MD, Baltimore, MD
Co-Authors: Peter M Bonutti, MD, Effingham, IL
David R Marker, BS, Baltimore, MD
Daniel A Dethmers, MD, Effingham, IL
Johansson Henning Reinhold, BS, Baltimore, MD
Yohan Robinson, MD, Uppsala,
Lynne C Jones, PhD, Baltimore, MD
Thorsten M Seyler, MD, Winston-Salem, NC
Michael A Mont, MD, Baltimore, MD

SE51 - Antibiotic Cement-Coated Nail for the Treatment of Infected Nonunions and Segmental Bone Defects

Presenter: Raghuram Thonse, MS Orth, FRCS, Belfast,
Co-Authors: Janet Donohue Conway, MD, Baltimore, MD

SE53 - Botulinum Neurotoxin as a Therapeutic Modality in Orthopaedics: 20 Years of Experience

Presenter: Thorsten M Seyler, MD, Winston-Salem, NC
Co-Authors: Beth P Smith, PhD, Winston-Salem, NC
David R Marker, BS, Baltimore, MD
Jianjun Ma, MD, Winston-Salem, NC
Jian Shen, MD, Winston Salem, NC
Tom Smith, PhD, ,
Michael A Mont, MD, Baltimore, MD
L Andrew Koman, MD, Winston-Salem, NC

SE56 - High-Tension Double-Row Repair Vs. Reduced-Tension Single Row Repair for Massive Rotator Cuff Tears

Presenter: Adam Brooks, BA, Hermosa Beach, CA
Co-Authors: Benjamin Domb, MD, Manhattan Beach, CA
Neal S ElAttrache, MD, Los Angeles, CA
Ronald E Glousman, MD, Los Angeles, CA

SE57 - Management of Unstable Elbows Following Complex Fracture Dislocations: Terrible Triad Injury

Presenter: Gregory Zeiders, DO, Oklahoma City, OK
Co-Authors: Minoo Keki Patel, MD, Malvern East, VIC

SE59 - Normal, Fused and Degenerative Cervical Spines: A Comparative Study of 3D In Vivo Kinetics

Presenter: Joseph S Cheng, MD, MS, Knoxville, TN

Co-Authors: Fei Liu, PhD, Knoxville, TN

Richard D Komistek, PhD, Knoxville, TN

Mohamed Mahfouz, PhD, Knoxville, TN

Adrija Sharma, Knoxville, TN

Diana A Glaser, MS, Knoxville, TN

SE63 - MRI of Spine Tumors: Compartmental Classification, Differential Diagnoses and Spectrum of Disease

Presenter: Gregory Gebauer, MD, Baltimore, MD

Co-Authors: Payam Farjoodi, MD, Baltimore, MD

Daniel Sciubba, MD, Baltimore, MD

Zia Gokasian, MD, Baltimore, MD

Lee H Riley III, MD, Baltimore, MD

Bruce A Wasserman, MD, Johns Hopkins Hospital, MD

A Jay Khanna, MD, Baltimore, MD

SE64 - Future Demand in Spine Fusions: U.S. Projections to 2030

Presenter: Kevin Ong, PhD, Philadelphia, PA

Co-Authors: Edmund Lau, MS, Philadelphia, PA

Allyson Ianuzzi, PhD, Philadelphia, PA

Marta Villarraga, PhD, Philadelphia, PA

Steven M Kurtz, PhD, Philadelphia, PA

SE66 - Single-Bundle ACL Reconstruction: Technique Overview and Comprehensive Review of Results

Presenter: John-Paul H Rue, MD, Kensington, MD

Co-Authors: Paul B Lewis, MD, Chicago, IL

Angelo D Parameswaran, MD, Chicago, IL

Bernard R Bach Jr, MD, River Forest, IL

SE70 - A.C.I. in the Knee Joint: Arthrotomic Vs. Arthroscopic Technique: Comparison at a Minimum 5-Years F.U.

Presenter: Alberto Ferruzzi, MD, Bologna,

Co-Authors: Roberto Buda, Bologna,

Cesare Faldini, MD, Bologna,

Francesca Vannini, MD, Bologna,

Francesco Di Caprio, MD, Bologna,

Sandro Giannini, MD, Bologna,

SE74 - Osteoporosis Disease Management: The Role of the Orthopedic Surgeon

Presenter: Richard M Dell, MD, Cypress, CA

Co-Authors: Denise Greene, RNP, Cypress, CA
Steven Ross Schelkun, MD, San Diego, CA
Kathy Williams, MSG, Cypress, CA

SE75 - Clinical Efficacy of rhBMP-2 or rhBMP7: A Meta-Analysis of the Literature

Presenter: Srivastava Siddharth, BS, Baltimore, MD

Co-Authors: Michael A Mont, MD, Baltimore, MD
David R Marker, BS, Baltimore, MD
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Ronald Emilio Delanois, MD, Lutherville, MD
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