Hospital for Special Surgery
Alumni Association
87th Annual Meeting
November 10-11, 2005 • New York City
HSS Alumni Association 87th Annual Meeting

Program Objectives  Weill Cornell CME activities are intended to lead to better patient care. At the conclusion of the course, the participant should be able to:
1. Review the latest updates on “biologic agents” in orthopaedic surgery
2. Discuss MIS knee and hip surgery
3. Discuss the indications and usage of disc arthroplasty for cervical and lumbar degenerative conditions
4. Review the surgical management of the geriatric orthopaedic patient
5. Discuss effective structures and approaches to facilitate clinical research and translate results to patients
6. Describe the current state of articular cartilage imaging and repair procedures available to clinicians worldwide


Statement of Need  The fields of orthopaedic surgery and rheumatology are constantly changing disciplines. The results of recent clinical investigations, research results and updates on current advances in the field will be presented. Alumnae/alumni and present staff at Hospital for Special Surgery should be updated on current advances in orthopaedics, rheumatology and musculoskeletal medicine.

Target Audience  Physicians working in the specialties of orthopaedics, rheumatology, radiology, anesthesia, physiatry and neurology including HSS alumni and the current residents, fellows and medical staff of Hospital for Special Surgery.

Accreditation  Weill Medical College of Cornell University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Weill Medical College of Cornell University designates this educational activity for a maximum of 16 Category 1 credits toward the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

Faculty Disclosure  It is the policy of Weill Medical College of Cornell University to adhere to ACCME Essential Areas, Policies, and Standards for Commercial Support in order to ensure fair balance, independence, objectivity, and scientific rigor in all its sponsored programs. All faculty participating in sponsored programs are expected to disclose to the audience any potential, apparent, or real conflict of interest related to their contribution to the activity, and any discussions of off-label or investigational uses of any commercial products, or devices not yet approved in the United States. All disclosures will be made at the time of this CME activity.

East Side Accommodations  (Space is limited, early reservations recommended)
• Belaire Guest Facility - $349 (525 East 71st St. between York Ave. and FDR Dr.)
  Reservations/Information: 212.606.1989
• Bentley Hotel - $135, plus tax (500 East 62nd St. at York Ave.)
  Website: www.nychotels.com/bentley.html  Reservations/Information: 1.888.66.HOTEL
• Lyden Gardens - $275-$309, plus tax (215 East 64th St. between 2nd and 3rd Ave.)
  Website: www.affinia.com  Reservations/Information: 1.866.AFFINIA
• Wales Hotel - $265-$315, plus tax (1295 Madison Ave. at 92nd St.)
  Website: www.waleshotel.com  Reservations: 212.876.6000

For further information, please contact Martha O’Brasky, Director, Education Division, Hospital for Special Surgery  Phone: 212.606.1057  Email: education@hss.edu

Hospital for Special Surgery is a participating organization of the Bone and Joint Decade.
Registration includes 16 Category 1 CME credits, breakfast, lunch and refreshments. Pre-registration is recommended, as space is limited.

Please complete this form and mail by October 3, 2005 to: Professional Education, Hospital for Special Surgery, 535 East 70th Street, NY, NY 10021

Name
Affiliation
Address
City/State/Zip
Email Address
Daytime Phone
HSS Graduation Year & Training (if applicable)

Please check the Alumni Meeting sessions you plan to attend:

☒ Thursday, November 10, 2005
☒ Friday, November 11, 2005

For more information, please contact the Education Division:
Ph: 212.606.1057  Fax: 212.734.3833  Email: alumni@hss.edu

To register online, go to: www.hss.edu/shopping

Alumni Cocktail Reception - Thursday, November 10, 2005
Weiss Café East Room, Rockefeller University, 1230 York Avenue at 66th Street • 5:30 pm - 7:30 pm (business attire)

R.S.V.P.
I will attend (note if party is 1 or 2) __________
Amount Enclosed: $________ (50 per person)
Check payable to: HSS Alumni Association, or pay by credit card

Credit Card #
Exp. Date

Please check one:
☐ American Express  ☐ MasterCard  ☐ Visa

Reunion Class Dinners - Thursday, November 10, 2005
We celebrate the five year reunion residency classes of 1995, 1990, 1985 and 1980. A class representative will be in touch with you regarding a class dinner to be held on Thursday night following the cocktail reception. For more information, email alumni@hss.edu.

HSS/Alumni Gala Benefit - Friday, November 11, 2005
Cocktails, dinner and The Barber of Seville at Lincoln Center, beginning at 5:30 pm. Invitation will be sent separately.
Distinguished Alumnus Award

This year, the second Distinguished Alumnus Award will be presented at the Annual Meeting. The Alumni Affairs Committee has developed this award to acknowledge an exemplary HSS alumnus who meets the following criteria:

• HSS alumnus (not currently on the active HSS staff) who has shown leadership and/or has had special recognition in his/her professional specialty
• Has actively participated in HSS alumni affairs

David B. Levine, MD

David B. Levine, MD, a native of Binghamton, NY, attended Dartmouth College and obtained his medical degree from the State University of New York Medical School at Syracuse. He was a rotating Intern at Cleveland Metropolitan Hospital, an Assistant Surgical Resident at Beth Israel Hospital in Boston, Massachusetts, an Orthopaedic Resident at HSS, and completed his Orthopaedic Spine Fellowship at Rancho Los Amigos Hospital in Downey, California. In 1966, he joined the staff of HSS, rising to the Chief of the Scoliosis Service (1968-1994), Director of the Department of Orthopaedic Surgery (1987-1990), and Chairman of the Orthopaedic Residency Training Program (1987-1990). He also held professional appointments at New York Hospital (1966-1995), Bronx Veterans Administration (1972-1990), and the Rockefeller University Hospital (1976-1980).

As Chairman of the Orthopaedic Residency Training Program, Dr. Levine revolutionized the residency application process, implementing the first computerized application scoring process in the country and adding a psychologist interview session. In addition, he condensed the year-long application process to a formalized structure.

Dr. Levine was a founding member of the Scoliosis Research Society, served on the Board of Trustees for 15 years and was President of the Society from 1978-1979. In 2002, Hospital for Special Surgery established the Annual David B. Levine Honorary Lecture, paying homage to his medical contributions and educational dedication to HSS. The Scoliosis Lecture is included as part of the year-long, CME-accredited, international program, the Visiting Professor Lecture Series.

In 2003, Dr. Sculco invited him to serve as the Director of Alumni Affairs and Chair of the Alumni Affairs Committee. During his tenure as the Director of Alumni Affairs, Dr. Levine has overseen the expansion of the alumni newsletter, augmented contact with HSS alumni, increased the number of symposia and length of the Annual Alumni Meeting, and enhanced the Alumni Reception at the yearly AAOS Meeting.

As the Chair of the HSS Archives Committee, he collaborates with numerous staff and departments to assist in researching and documenting their histories.

Dr. Levine has been the recipient of several awards, having received the Class of 1954 Award from Dartmouth College. He currently resides in New York and spends a majority of his free time on his working farm in upstate New York. In recognition of his many accomplishments and commitment to the HSS Alumni Association, we are extremely privileged to present the second Distinguished Alumnus Award to Dr. Levine. A fund has been established in honor of all our distinguished alumni, and we look forward to honoring more colleagues in the future.
Who’s Who in the Hospital for Special Surgery
Alumni Association

Alumni Officers
2005 President: Charles N. Cornell, MD
Secretary/Treasurer: Riley J. Williams, III, MD

ALUMNI ASSOCIATION COMMITTEES

Alumni Affairs Committee
Guides the strategic direction and vision for the alumni association:
Michael M. Alexiades, MD
Peter Asnis, MD
Charles N. Cornell, MD
Serena Hu, MD
Edward Jones, MD
Richard King, MD
Joseph M. Lane, MD
David B. Levine, MD, Chair
Steven Magid, MD
Douglas Mintz, MD
Molly Murray
Martha O’Brasky
Administrative Director
Paul M. Pellicci, MD
Daniel Rich, MD
Laura Robbins, DSW
Leon Root, MD
Thomas P. Sculco, MD
Jon Wang, MD

Alumni Meeting Planning Committee
Develops and plans the annual meeting:
Thomas P. Sculco, MD, Chair
Martha O’Brasky
Administrative Director
Charles N. Cornell, MD
Edward Craig, MD
Jo A. Hannafin, MD, PhD
Serena Hu, MD
Richard S. Laskin, MD
David B. Levine, MD
Stephen A. Paget, MD
Hollis Potter, MD
Harvinder S. Sandhu, MD
Michael K. Urban, MD, PhD
Russell F. Warren, MD
Riley J. Williams, III, MD
Timothy Wright, PhD

Alumni Archives Committee
Oversees the HSS Archives collection:
David B. Levine, MD, Chair
Robert Hotchkiss, MD
John Lyden, MD
C. Ronald MacKenzie, MD
Richard McCormack, MD
Loretta Nastasi, MPA
Martha O’Brasky
Darryl Osbahr, MD
Matthew Roberts, MD
Tim Roberts, MLS
Administrative Director
Andrew Sama, MD
Philip D. Wilson, Jr., MD

Alumni News Editorial Committee
Creates the bi-annual alumni publication:
David B. Levine, MD
Laura Robbins, DSW
Thomas P. Sculco, MD

Administrators
David B. Levine, MD
Director of Alumni Affairs
Martha O’Brasky
Director
Education Division

How to Contact the Alumni Association
Office in the Education Division
Phone: 212.606.1823
Fax: 212.734.3833
Email: alumni@hss.edu
Web: www.hss.edu

Click Alumni
<table>
<thead>
<tr>
<th>Year</th>
<th>President/Secretary/Treasurer</th>
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<td>1913-15</td>
<td>Virgil P. Gibney, MD</td>
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<td>Clarence L. Starr, MD</td>
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<td>A. R. Shands, MD</td>
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<td>F. W. Gilday, MD</td>
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<td>E. W. Hannock, MD</td>
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<td>1925-26</td>
<td>John A. Brooke, MD</td>
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<td>A. Mackenzie Forbes, MD</td>
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<td>Charlton Wallace, MD</td>
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<td>Lewis Clark Wagner, MD</td>
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<td>Earl Van Derweker, MD</td>
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<td>1932-33</td>
<td>Percy W. Roberts, MD</td>
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<td>Lewis Clark Wagner, MD</td>
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<td>1934-35</td>
<td>Armitage Whitman, MD</td>
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<td>Richmond Stephens, MD</td>
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<td>Andrew R. MacAusland, MD</td>
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<td>Paul Colonna, MD</td>
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<td>Frank A. Purcell, MD</td>
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<td>1942-43</td>
<td>Barney Owens, MD</td>
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<td>1947-48</td>
<td>Francis J. Carr, MD</td>
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<td>1949-50</td>
<td>Tourfick Nicola, MD</td>
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<td>1950-51</td>
<td>Burr H. Curtis, MD</td>
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<td>1951-52</td>
<td>Rufus A. Aildredge, MD</td>
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<td>1952-53</td>
<td>Walter C. Graham, MD</td>
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<td>Arthur A. Thibodeau, MD</td>
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<td>1954-55</td>
<td>J. Gordon Petrie, MD</td>
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<td>1955-56</td>
<td>Albert C. Schmidt, MD</td>
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<td>Reginald C. Farrow, MD</td>
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<td>Joseph H. Boland, MD</td>
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<td>Donald W. Blanche, MD</td>
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<td>Frank F. Parrish, MD</td>
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<td>Theodore A. Lynn, MD</td>
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<td>Lee Ramsay Straub, MD</td>
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<td>Allan E. Inglis, MD</td>
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<td>Alan Pavel, MD</td>
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<td>Clifford W. Colwell, Jr., MD</td>
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<td>Paolo A. Glietti, MD</td>
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<td>2002-03</td>
<td>Joseph M. Lane, MD</td>
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<td>2003-04</td>
<td>Serena Hu, MD</td>
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Past Secretary/Treasurers:

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<td>Dr. J. Frank Austen</td>
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<td>Dr. Ira M. Goldstein</td>
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<td>1985</td>
<td>Dr. William J. Koopman</td>
<td>2003</td>
<td>Dr. David S. Pistesky</td>
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<td>1986</td>
<td>Dr. John D. Stobo</td>
<td>2004</td>
<td>Dr. Ellen M. Gravallese</td>
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<td>1987</td>
<td>Dr. Dwight R. Robinson</td>
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</table>
**Physician-In-Chief Pro-Tempore**

**Paul Emery, MD**  
ARC Professor of Rheumatology  
Research School of Medicine  
University of Leeds  
Lead Clinician Rheumatology  
The Leeds Teaching Hospitals  
Head of Academic Unit  
Musculoskeletal Disease

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**Surgeon-In-Chief Pro-Tempore**

**Charles M. Court-Brown, MD**  
Professor of Orthopaedic Trauma  
University of Edinburgh  
Consultant Orthopaedic Surgeon  
Lothian and University NHS Trust

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**Chief Scientist Pro-Tempore**

**Stephen I. Katz, MD, PhD**  
Director, National Institute of Arthritis and Musculoskeletal and Skin Diseases  
Senior Investigator, Dermatology Branch  
National Cancer Institute
Registration and Breakfast

7:00-8:00  
RESIDENT CASE PRESENTATIONS  
Presiding: Charles M. Court-Brown, MD

8:00  
THE THIRTY-FIFTH RICHARD H. FREYBERG LECTURE  
Therapy of Early Rheumatoid Arthritis in Europe: Are We Nearing a Cure?  
Paul Emery, MD

SYMPOSIUM: INDUSTRY AND PHYSICIAN RELATIONSHIPS  
Moderator: Charles N. Cornell, MD

8:30  
Industry Perspective  
William Petty, MD

8:43  
AAOS Perspective  
James D. Capozzi, MD

8:56  
Scientific/Development Perspective  
Timothy Wright, PhD

9:10  
Panel Discussion

9:30  
Break

SYMPOSIUM: WHAT’S NEW IN CARTILAGE?  
Moderator: Thomas L. Wickiewicz, MD

9:50  
A Prospective Analysis of Knee Cartilage Defects Treated with Fresh Stored Osteochondral Allografts  
Riley J. Williams III, MD; Anil S. Ranawat, MD; Hollis G. Potter, MD; Timothy Carter, BS; Russell F. Warren, MD

10:00  
Cartilage Repair Update: Decision Making  
Riley J. Williams, III, MD

10:10  
Imaging of Lesions  
Hollis G. Potter, MD
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<th>Time</th>
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<tr>
<td>10:20</td>
<td><strong>FTIR Cartilage Imaging Methodology</strong>&lt;br&gt;Nancy Pleshko Camacho, PhD</td>
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<td>10:30</td>
<td>Discussion</td>
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<td>10:50</td>
<td><strong>SYMPOSIUM: GERIATRIC ORTHOPAEDICS</strong>&lt;br&gt;<strong>Moderator:</strong> John P. Lyden, MD</td>
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<td>10:50</td>
<td><strong>Geriatric Fractures: My Perspective on Operative and Non-Operative Care</strong>&lt;br&gt;Charles M. Court-Brown, MD</td>
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<td>11:00</td>
<td><strong>Medical Preparation of the Geriatric Patient for Orthopedic Surgery</strong>&lt;br&gt;Edward J. Parrish, MD</td>
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<td>11:10</td>
<td><strong>Anesthetic Management of the Geriatric Patient</strong>&lt;br&gt;Nigel E. Sharrock, MB, ChB</td>
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<td>11:20</td>
<td><strong>Outcomes of Complex Reconstructive Procedures in Geriatric Patients</strong>&lt;br&gt;Charles N. Cornell, MD</td>
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<td>11:30</td>
<td>Panel Discussion</td>
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<td>12:00</td>
<td>Lunch at Belaire Café</td>
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<td>1:00</td>
<td><strong>SYMPOSIUM: BIOLOGICS IN ORTHOPAEDIC SURGERY: WHAT IS THE CURRENT STATUS?</strong>&lt;br&gt;<strong>Moderator:</strong> Scott A. Rodeo, MD</td>
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<td>1:00</td>
<td><strong>Chrysalin (TP508), a New Small Peptide Adjuvant for Spinal Fusion</strong>&lt;br&gt;Andy Tomin; Brett I. Shore; Daniel A. Grande, PhD; James T. Ryaby, PhD; Joseph M. Lane, MD</td>
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<td>1:10</td>
<td><strong>Biologic Augmentation of Fracture Healing and Bone Fusion</strong>&lt;br&gt;George F. Muschler, MD</td>
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<td>1:20</td>
<td><strong>Nerve Regeneration and Repair</strong>&lt;br&gt;Erica R. Urquhart, MD</td>
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<td>1:30</td>
<td><strong>Biologic Agents for Soft Tissue Repair and Regeneration</strong>&lt;br&gt;Scott A. Rodeo, MD</td>
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<td>1:40</td>
<td>Discussion</td>
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THURSDAY

DEBATE SESSIONS
Moderator: John F. Crowe, MD

2:00 Hip Arthroscopy for Labral Pathology
Pro Robert L. Buly, MD
Con Mathias P. Bostrom, MD

2:20 External Fixation vs. Open Reduction in Wrist Fractures
External Fixation
Adam Shafriz, MD
ORIF
Joseph Izzi, MD

2:40 Closed Management vs. ORIF in Proximal Humerus Fractures
Closed Treatment
Charles M. Court-Brown, MD
Pro: Open Treatment
Brian T. Kelly, MD

3:00 Should All Idiopathic Clubfeet Undergo Ponseti Casting & Manipulation as Initial Management?
Pro
David M. Scher, MD
Con
Walther H.O. Bohne, MD

3:20 Break

PLENARY SESSION: TOP SCIENTIFIC PAPERS
Moderator: Thomas P. Sculco, MD

3:35 T1p and T2 Mapping Using High Field MRI for Early Diagnosis of Osteoarthritis
C. Benjamin Ma, MD; Xiaojuan Li, PhD;
Thomas Link, MD; Sharmila Majumdar, PhD
Macrophage Depletion Affects Tendon Graft-Bone Healing in a Rat Model of A.C.L. Reconstruction
Peyton Heys, BS; Sumit Kawamura, MD; Xiang-Hua Deng, MD; Elias Dagher, MD; Kai Mithoefer, MD; Patrick Sussman, MD; Lilly Ying, BS; Scott A. Rodeo, MD

The Effects of Intermittent Axial Compression on Bone Healing
Michael J. Gardner, MD; Demetris Demetrakopoulos, BS; Marjolein M. van der Meulen, PhD; Elizabeth R. Myers, PhD; Timothy M. Wright, PhD; Mathias P. Bostrom, MD

Polyethylene Wear in an Intervertebral Disc Replacement Using Iterative Finite Element Analysis
Karan Punga; M. Eng; Jeremy J. Rawlinson, PhD; Kirk L. Gunsallus, MS; Timothy M. Wright, PhD; Donald L. Bartel, PhD

The Prevalence of Venous Thromboembolism after Primary Total Hip Arthroplasty is Low with a Multimodal Prophylaxis Protocol: A Prospective Follow-Up Study of 1947 Patients
Alejandro González Della Valle, MD; Alana Serota, MD; George Go, BS; Gregory Sorriaux, MD; Thomas P. Sculco, MD; Nigel E. Sharrock, MB, ChB; Eduardo A. Salvati, MD

1985 Class Presentation
Thomas A. Mauri, MD

DISTINGUISHED ALUMNUS AWARD
Recipient: David B. Levine, MD

ALUMNI COCKTAIL RECEPTION
Weiss Café Rockefeller University
7:15 am
Registration & Breakfast

PLENARY SESSION: TOP SCIENTIFIC PAPERS
Moderator: Thomas P. Sculco, MD

7:30
“DA RT TH RO WER’S” Wrist Motion is Achieved In Vivo with Minimal Radiocarpal Motion
Scott W. Wolfe, MD; Joseph J. Crisco, III, PhD; James C. Coburn, MD; Edward Akelman, MD; Arnold-Peter Weiss, MD; Douglas C. Moore, MD

7:38 Discussion

7:43
Dysregulation of IL-10-Dependent Gene Expression in Rheumatoid Arthritis Synovial Macrophages
Taras T. Antoniv, PhD; Lionel B. Ivashkiv, MD

7:51 Discussion

7:56
Minimally-Invasive Total Knee Arthroplasty: Comparison Between Quadriceps Sparing and Mini-Subvastus Approach
Paolo Aglietti, MD; Andrea Baldini, MD; Lorenzo Sensi, MD

8:04 Discussion

8:09
Varus Rotational Osteotomies for the Treatment of Adult Hip Dysplasia: A Twenty Year Follow-Up
James Voos, MD; Anil Ranawat, MD; Robert Buly, MD; Paul Pellicci, MD; Eduardo Salvati, MD

8:17 Discussion

8:22
A Study on the Relationship Between Skeletal Fragility and Bone Mineral Quality in Ovariectomized and Dietary Induced Metabolic Acidosis Sheep Model
Paul A. West, PhD; Jennifer M. MacLeay, PhD; Donna L. Wheeler, PhD; Adele L. Boskey, PhD

8:30 Discussion
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<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tr>
<td>8:35</td>
<td>SYMPOSIUM: TOTAL DISC-READY FOR PRIME TIME</td>
<td>Patrick F. O’Leary, MD</td>
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<td>Cervical Disc Replacement</td>
<td>Hyun Bae, MD</td>
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<td>8:45</td>
<td>Lumbar Disc Replacement</td>
<td>Frank P. Cammisa, MD</td>
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<td>8:55</td>
<td>Revision Strategies</td>
<td>Federico P. Girardi, MD</td>
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<td>9:05</td>
<td>The Future: Is it Here to Stay?</td>
<td>Andrew Sama, MD</td>
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<td>9:15</td>
<td>Discussion</td>
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<td>SYMPOSIUM: DOES MIS HIP &amp; KNEE SURGERY REALLY WORK?</td>
<td>Eduardo A. Salvati, MD</td>
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<td>9:35</td>
<td>MIS THR Through a One Incision Approach</td>
<td>Thomas P. Sculco, MD</td>
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<td>9:45</td>
<td>MIS THR Through a Two Incision Approach</td>
<td>Douglas E. Padgett, MD</td>
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<td>9:55</td>
<td>MIS TKR Through a Mini Mid Vastus Approach</td>
<td>Richard S. Laskin, MD</td>
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<td>10:05</td>
<td>Unicompartmental Replacements Through MIS</td>
<td>Richard A. Rosa, MD</td>
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<td>10:15</td>
<td>Discussion</td>
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<td>10:35</td>
<td>Break</td>
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<td>10:55</td>
<td>RESEARCH SYMPOSIUM</td>
<td>Peggy Crow, MD; Jo A. Hannafin, MD, PhD</td>
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<td>Introduction</td>
<td>Thomas P. Sculco, MD</td>
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<td>11:00</td>
<td>Building the Clinical Research Infrastructure at HSS</td>
<td>Robert N. Hotchkiss, MD</td>
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<td>11:10</td>
<td>Clinical Registry Development: Leading to Successful</td>
<td>Jane E. Salmon, MD</td>
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<td>Clinical Research</td>
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FRIDAY

11:20  2ND ANNUAL SCIENTIFIC LECTURE
Clinical Research: How Do We Get From Here to There?
Stephen I. Katz, MD, PhD, Chief Scientist Pro-Tempore

11:45  Discussion

12:00  Business Meeting & Lunch

12:00  pm

THE FORTY-FIRST PHILIP D. WILSON ORTHOPAEDIC LECTURE

1:00  The Changing Epidemiology of Fractures
Charles M. Court-Brown, MD

THE PRESIDENTIAL ADDRESS

1:30  Best Practice in Arthroplasty: HSS to NY HQ
Charles N. Cornell, MD

AWARDS SESSION

Moderator: Thomas P. Sculco, MD

2:00  LEWIS CLARK WAGNER AWARD
Recipient: Andrew Swanson, MD

Neurotization vs. Standard Nerve Repair: A Comparison of Surgical Technique in an Animal Model of Chronically Denervated Muscle
Andrew N. Swanson, MD; Scott W. Wolfe, MD; Peyton Hays, BA; Stephen B. Doty, PhD; Joseph H. Feinberg, MD

2:10  Discussion

2:15  CHARLES L. CHRISTIAN MUSCULOSKELETAL RESEARCH AWARD
Recipient: Scot Campbell, MD

Quantitative T2 Mapping and FT-IRIS of Intact and Enzymatically Degraded Cartilage: Alterations in Structural Anisotrophy

2:30  PHILIP D. WILSON AWARD
Recipient: Steven Kim, MD

Validation of Infrared Optic Probe for the Evaluation of Cartilage Degeneration

2:40  Discussion

2:45  1995 Class Presentation
Geoffrey Westrich, MD
CONTROVERSIES IN ORTHOPAEDIC ANESTHESIA
Moderator: Gregory A. Liguori, MD

Post-Op Pain Management for Knee Replacement: Epidural vs. Femoral Block or Whether to Use Sciatic Block or Not?
Jacques T. Ya Deau, MD, PhD

DEBATE SESSION
Moderator: Mathias P. Bostrom, MD
Surface Replacements

Pro
William B. Macaulay, MD

Con
Eduardo A. Salvati, MD

Allograft vs. Autograft in ACL Reconstructive Surgery

Autograft
John C. L’Insalata, MD

Allograft
Thomas L. Wickiewicz, MD

DVT Prophylaxis: Aspirin is a Great Choice for TKA

Pro
Paul A. Lotke, MD

Con
Geoffrey Westrich, MD

Program Evaluation/Adjourn

2005 Opera Benefit To benefit medical education
New York City Opera’s production of The Barber of Seville
Pre-performance seated dinner on the Promenade of the New York State Theater at Lincoln Center
Cocktail reception 5:30 pm
Dinner 6:30 pm • Curtain 8:00 pm

2006 Alumni Meeting-November 9-10, 2006
Chrysalin (TP508), A New Small Peptide Adjuvant for Spinal Fusion
Andy Tomin; Brett I. Shore; Daniel A. Grande, PhD; James T. Ryaby, PhD; Joseph M. Lane, MD

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The Effects of Intermittent Axial Compression on Bone Healing
Michael J. Gardner, MD; Demetris Demetrakopoulos, BS; Marjolein M. van der Meulen, PhD; Elizabeth R. Myers, PhD; Timothy M. Wright, PhD; Mathias P. Bostrom, MD

Biomechanical Analysis of Arthroscopic Rotator Cuff Repairs—Double Row vs. Single Row Fixation
C. Benjamin Ma, MD; Lyn Comerford, MS; Joseph Wilson, MD; Christian Puttlitz, PhD

T1p and T2 Mapping Using High Field MRI for Early Diagnosis of Osteoarthritis
C. Benjamin Ma, MD; Xiaojuan Li, PhD; Thomas Link, MD; Sharmila Majumdar, PhD

Polyethylene Wear in an Intervertebral Disc Replacement Using Iterative Finite Element Analysis
Karan Punga; M. Eng; Jeremy J. Rawlinson, PhD; Kirk L. Gunsallus, MS; Timothy M. Wright, PhD; Donald L. Bartel, PhD

Healing Between Tendon and Bone Varies at Different Locations in a Bone Tunnel
Sumito Kawamura, MD; Patrick Sussman, MD; Peyton Hays, BS; Lilly Ying, BS; Scott Rodeo, MD

“Dart Thrower’s” Wrist Motion Is Achieved In Vivo with Minimal Radiocarpal Motion
Scott W. Wolfe, MD; Joseph J. Crisco, III, PhD; James C. Coburn, MD; Edward Akelman, MD; Arnold-Peter Weiss, MD; Douglas C. Moore, MD

The Prevalence of Venous Thromboembolism After Primary Total Hip Arthroplasty is Low with a Multimodal Prophylaxis Protocol: A Prospective Follow-Up Study of 1947 Patients
Alejandro González Della Valle, MD; Alana Serota, MD; George Go, BS; Gregory Sorriaux, MD; Thomas P. Sculco, MD; Nigel E. Sharrock, MB, ChB; Eduardo A. Salvati, MD

MRI Analysis of In Vivo Meniscal and Tibiofemoral Kinematics in ACL-Deficient and Normal Knees
C. Benjamin Ma, MD; Sandra J. Shefelbine, PhD; Keh-Yang Lee, PhD; Marc R. Safran, MD; Sharmila Majumdar, PhD
By Title Only continued

Varus Rotational Osteotomies for the Treatment of Adult Hip Dysplasia: A Twenty Year Follow-Up
James Voos, MD; Anil Ranawat, MD; Robert Buly, MD; Paul Pellicci, MD; Eduardo Salvati, MD

A Study on the Relationship Between Skeletal Fragility and Bone Mineral Quality in Ovariectomized and Dietary Induced Metabolic Acidosis Sheep Model
Paul A. West, PhD; Jennifer M. MacLeay, PhD; Donna L. Wheeler, PhD; Adele L. Boskey, PhD

A Prospective Analysis of Knee Cartilage Defects Treated with Fresh Stored Osteochondral Allografts
Riley J. Williams, III, MD; Anil S. Ranawat, MD; Hollis G. Potter, MD; Erica R. Urquhart, MD, PhD; Timothy Carter, BS; Russell F. Warren, MD

In Situ Force in the Anterior Cruciate Ligament and Knee Kinematics in the Partially and Completely Posterolateral Corner Deficient Knee
Daniel J. Solomon, MD; Mark W. Lenhoff, BS; Thomas L. Wickiewicz, MD; Russell F. Warren, MD

Dysregulation of IL-10-Dependent Gene Expression in Rheumatoid Arthritis Synovial Macrophages.
Taras T. Antoniv, PhD; Lionel B. Ivashkiv, MD

Anterior Cruciate Ligament Reconstruction with Achilles Tendon Allograft
Eric L. Chehab, MD; Kyle R. Flik, MD; Armando F. Vidal, MD; Michael Levinson, LPT; David W. Altchek, MD; Russell F. Warren, MD

ORIF of Humeral Shaft Nonunions: Is Healing Dependent on Type of Bone Graft?
Christian Hierholzer, MD; Domenico Sama, MD; Jose B. Toro, MD; David L. Helfet, MD

Iterative Finite Element Modeling of Polyethylene Wear in a Total Intervertebral Disc Replacement
Donald L. Bartel, PhD; Karan Punga, BS; Jeremy J. Rawlinson, PhD; Kirk L. Gunsallus, BS; Timothy M. Wright, PhD

Minimum Five Year Follow-Up of Hemiarthroplasty for Osteoarthritis
Lt. Col. Damian M. Rispoli, MD; John W. Sperling, MD; George Athwal, MD; Robert H. Cofield, MD

10-year Survivorship of THA for AVN in Young Patients: The Problem is Wear Not Fixation Failure
Sanjay K. Gupta, MD; Vijay J. Rasquinha, MD; Bashir Zikria, MD; Joanne Weiskopf, PAC; Amar S. Ranawat, MD; Chitranjan S. Ranawat, MD
By Title Only continued

Homeostatic Role of Interferons Conferred By Inhibition of IL-1-Mediated Inflammation and Tissue Destruction
Xiaoyu Hu, MD, PhD; Hao H. Ho, MD, PhD; Olivia Lou; Chisa Hidaka, MD; Lionel B. Ivashkiv, MD

Minimally-Invasive Total Knee Arthroplasty: Comparison Between Quadriceps Sparing and Mini-Subvastus Approach
Paolo Aglietti, MD; Andrea Baldini, MD; Lorenzo Sensi, MD

Tibial Anatomy and Rotational Alignment in Total Knee Arthroplasty
Andrea Baldini, MD; Lapo DeLuca, MD; Sara Vincenzi, MD; Angela Santini, MD; Paolo Aglietti, MD

Is There a Place for PCR Diagnostics in Revision Total Joint Arthroplasty?
Friedrich Bottner; Christian Gotze; Christoff van Eiff; Alexander Wegener; Winfried Winkelmann; Karsten Becker

IL-10 Blocks Osteoclastogenesis Through TREM2
Kyung-Hyun Park-Min; Lionel B. Ivashkiv, MD

A Comparison of Populations and Orthopaedic Outcome Among an Elderly Patient Population Served by Two Distinct Urban Hospitals
Charles N. Cornell, MD; Wendy A. Preisman, DrPH; Margaret G. E. Peterson, PhD; Stephen Lyman, PhD; Laura Robbins, DSW; Carol Mancuso, MD

Prevention of Pulmonary Embolus with Inferior Vena Cava Filters in the Presence of Deep Vein Thrombosis in Patients with Acetabular and Pelvic Fractures
Jose B. Toro, MD; Christian Hierholzer, MD; William Ertl, MD; Domenico Sama, MD; Cagri Kose, MD; Samantha Williams, BA; David M. Trost, MD; David L. Helfet, MD

Electromyographic and Video Motion Analysis of the Soccer Instep and Side-Foot Kick
Robert H. Brophy, MD; Sherry I. Backus, PT; Brian Pansy, BS; Riley J. Williams, III, MD

Maximizing Flexion after TKA Using a Modified Tibial Prosthesis
Richard S. Laskin, MD

Lateral Retinacular Release during Primary Total Knee Arthroplasty: Effect on Outcomes and Complications
Sharat K. Kusuma, MD, MBA; Neil Puri, BS; Paul A. Lotke, MD

The Biomechanical Relationship Between Partial Medial Collateral Ligament Injuries and Anterior Cruciate Ligament Load
Mike Battaglia, MD; Mark Lenhoff; Russell F. Warren, MD; Thomas L. Wickiewicz MD; John Ehteshami, MD; Stephen Lyman, PhD
By Title Only continued

Effect of Resections of the Posterior Elements on Mechanical Behavior of Total Disc Replacement
Benjamin G. Domb, MD; Federico P. Girardi, MD; Russel C. Huang, MD; Kate N. Meyers, MS; Kai Zhang, MD; Michael Shindle, MD; Timothy Wright, PhD; Frank P. Cammisa, MD

Biomechanics of the Prodisc II Intervertebral Disc Prosthesis in Human Cadaveric Spines
Kate Meyers, MS; Deirdre Campbell; M. Eng; Joseph Lipman, MS; Kai Zhang, MD; Elizabeth Myers, PhD; Frank Cammisa, MD; Timothy Wright, PhD; Federico Girardi, MD

Heat-Treatment Affects the Wear of Highly-Crosslinked Polyethylene Measured in a Hip Simulator
Andrew W. Grose, MD; Jocelyn Cottrell, BS; Douglas E. Padgett, MD; Joseph Lipman, PhD; Timothy M. Wright, PhD

Hemiarthroplasty vs. Total Hip Arthroplasty: Functional Outcomes in the Treatment of Displaced Femoral Neck Fractures
Kate W. Nellans, BS; Maureen J. Sheahan, BS; Richard Iorio, MD; Melvin P. Rosenwasser, M D; the DFACTO Consortium; William B. Macaulay, MD

Use of an Ilizarov/Taylor Spatial Frame in Patients with Total Joint Replacement
S. Robert Rozbruch, MD; Arkady Blyakher, MD; Janet Conway, MD; Hiroyuki Tsuchiya, M D, PhD; Paul T. Freudigman, M D

Postoperative Retransfusion Devices in Bilateral Total Knee Replacement
Friedrich Boettner, MD; Thomas P. Sculco, MD

The Activation of the Cellular Immune System in Patients Undergoing Septic and Aseptic Revision Total Joint Replacement
Friedrich Bottner; Christian Gotze; Alexander Wegner; Karsten Becker; Winfried Winkelmann; Michael Erren

Intermediate Follow-Up for Cementless Aacetabular Fixation in Total Hip Arthroplasty after Treatment of an Aacetabular Fracture
Anil S. Ranawat, MD; Jonathan Zelken, BA; David L. Helfet, M D; Robert L .Buly, M D

Arthroscopic Double-Row Rotator Cuff Repair: A Comparison of Methods Using a Parachute Tissue Anchor Versus a Threaded Double-Loaded Suture Anchor
Snyder J, Master D; Obopilwe E; Mazzocca AD; Chudik SC

Adult Thoracolumbar/Lumbar Scoliosis: An Alternative Hybrid Reconstruction Method with Selective Anterior and Posterior Instrumentation
Oheneba Boachie-Adjei, MD; Gina Charles, BS; Matthew E. Cunningham, M D, PhD

Fixation of Posterior Malleolar Fractures for Syndesmotic Stability
Michael J. Gardner, MD; Adam Brodsky, MD; Stephen M . Briggs, PA-C; Jason H. Nielson, MD; Sean-Michael A. Daugherty, BS; Dean G. Lorich, MD
Hyun Bae; Phillip Maurer; Walter Peppelman; William Beutler; Ray Linovitz, MD; Erik Westerlund; Tim Peppers; Isador Lieberman; Choll Kim; Federico Girardi

Radiographic Measurements in Slipped Capital Femoral Epiphysis: Modification of Klein’s Line
Ngozi Mogekwu, MD; Daniel W. Green, MD; Sheryl Handler, MD; David Scher, M D; Stephen S. Burke, MD; Roger F. Widmann, M D

Osteotomy About the Knee Using the EBI Monolateral Frame
S. Robert Rozbruch, M D; Arkady Blyakher, M D; Svetlana Ilizarov, M D

A Pedicle Screw Construct Gives an Enhanced Posterior Correction of Adolescent Idiopathic Scoliosis When Compared to Other Constructs-Myth or Reality
Vagmin Vora, M D; Alvin Crawford, M D; Nadir Babekir; Oheneba Boachie-Adjei, M D; Melissa Peskin; Gina Charles; Larry Lenke, M D; Dr. Kim

Posterior Motion Preservation Systems - Kinematics and Load Sharing
Timothy Wright, PhD; Michael Tauber, M D; Kate Meyers; Yuri Sudin; Shai Fleischer; Uri Arnin

Prospective MRI Evaluation of Bone Tunnel Widening Following Anterior Cruciate Ligament Reconstruction
D. Ross Henshaw, M D; Katherine Bardzik, M D; Hollis Potter, M D; C. Benjamin Ma, M D; Robert Schneider, M D; Scott A. Rodeo, M D

Quantifying the Extent of a Type II SLAP Lesion Required to Cause Peel-Back of the Glenoid Labrum-A Cadaveric Study
Aruna M. Seneviratne, M D; Kenneth D. Montgomery, M D; Babette Bevilacqua, PAC; Bashir Zikria, M D

Malreduction of the Tibiofibular Syndesmosis
Michael J. Gardner, M D; Demetris Demetrakopoulos, BS; Stephen M. Briggs, PA-C; David L. Helfet, M D; Dean G. Lorich, M D

Inhibitory Effect of Interferon-Gamma on Matrix Metalloproteinases Expression
Hao Ho; Lionel Ivaskiv, M D

Design-Specific Improvements in Post-Operative Range-of-Motion are Possible with the PFC Sigma Posterior-Stabilized, Rotating-Platform, High Flexion TKR: A Matched-Pair Analysis
Chitriranjan S. Ranawat, M D; Sanjay K. Gupta, M D; Amar S. Ranawat, M D; Bashir Zikria, M D; Joseph F. Zikria, BA
Title Only continued

Three-Year Results of the PFC Sigma Posterior-Stabilized, Rotating-Platform Total Knee Replacement
Amar S. Ranawat, MD; William Lackey, MD; Muhammad Ajmal, MD; Vijay J. Rasquinha, MD; Chitranjan S. Ranawat, MD

Compartment Syndrome Risk and the Use of Epidural Anesthesia with Percutaneous Tibial Osteotomy
S. Robert Rozbruch, MD; Arkady Blyakher, MD; Austin Fragomen, MD; Svetlana Ilizarov, MD

Histologic Evaluation of Biopsies Obtained from Vertebral Compression Fractures: Is It Cost Effective?
Michael Shindle, MD; Elias Papadopoulos, MD; Jonathan Cabin; Joseph M. Lane, MD

Intermediate Follow-Up for Cementless Acetabular Fixation in Total Hip Arthroplasty Following Treatment of an Acetabular Fracture
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