Alumni Association
88th Annual Meeting

NOVEMBER 9 - 10, 2006 | NEW YORK CITY

535 East 70th Street
Richard L. Menschel
Education Center
New York, NY 10021
212.606.1057
www.hss.edu

16 CATEGORY 1 CREDITS | THOMAS P. SCULCO, MD, SURGEON-IN-CHIEF
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.

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. Examine several aspects of bone biology and be able to correlate to clinical choices.
2. Summarize the social and economic requirements to conduct quality musculoskeletal health care and research in a biomedical environment.
3. Explain how the social and economic requirements are met by academicians, hospital administrators and the orthopaedic industry.
4. Explain a multidisciplinary perspective on the incidence and mechanisms of post-operative neurological symptoms following upper extremity surgery under regional anesthesia.
5. Indicate the logical steps in the evaluation and management of patients who have developed post-operative neurological symptoms.
6. Differentiate the risks, benefits and indications for surgical treatment of acute fractures of the scaphoid.
7. Identify major pediatric spondylosis, presenting problem and diagnostic modalities and current treatment principals and techniques.

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 sponsor continuing medical education for physicians.

Weill Medical College of Cornell University designates this educational activity for a maximum of 16 AMA PRA Category 1 Credit(s).™ Physicians should only claim credit commensurate with the extent of their participation 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, and early reservations are recommended. For local accommodations, go to www.hss.edu and click on:
1) About HSS
2) Patient Information
3) Neighborhood Directory

FURTHER INFORMATION
Please contact:
Wendy George, Senior Coordinator Alumni Affairs, Education Division Hospital for Special Surgery Phone: 212.606.1057 Email: georgewe@hss.edu

ACKNOWLEDGEMENT
Hospital for Special Surgery and Weill Medical College of Cornell University gratefully acknowledge unrestricted educational grant support from: Exactech, Inc.
DETACH AND RETURN REGISTRATION FORM TO:
Hospital for Special Surgery • Education Division • 535 East 70th Street • New York, NY 10021

ANNUAL MEETING LOCATION: Hospital for Special Surgery • 535 East 70th Street
Richard L. Menschel Education Center • 2nd Floor

COCKTAIL RECEPTION LOCATION: Weiss Café East Room, Rockefeller University (York Avenue at 66th Street)

REGISTRATION FORM
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 6, 2006 to:
Professional Education, Hospital for Special Surgery
535 East 70th Street, New York, 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 9, 2006 ☐ Friday, November 10, 2006

For more information, please contact the Education Division:
Phone: 212.606.1613 Fax: 212.734.3833
Email: alumni@hss.edu or education@hss.edu

Alumni Cocktail Reception - Thursday, November 9, 2006
Weiss Café East Room, Rockefeller University
1230 York Avenue (66th Street) • 5:30-7:30 pm (business attire)

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

Credit Card # Exp. Date
Please check one:
☐ American Express ☐ MasterCard ☐ Visa

HSS/Alumni Gala Benefit - Friday, November 10, 2006
Cocktails, dinner and The Elixir of Love at Lincoln Center, beginning at 5:30 pm. Invitation will be sent separately.

Reunion Class Dinners - Thursday, November 9, 2006 • We celebrate the five and ten year reunion residency classes of 1996, 1991, 1986 and 1981. 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.
The third Distinguished Alumnus Award will be presented to Allan E. Inglis, MD. 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

Allan E. Inglis, MD

Born in Seattle, Washington, Allan E. Inglis, MD served in the United States Navy from 1944 to 1946. He attended the University of Oregon and Georgetown College to receive his undergraduate degree (1950), and he went on to earn both graduate (1951) and medical (1955) degrees from the University of Rochester. Dr. Inglis then served as an Intern and Assistant Resident in Surgery at New York Hospital-Cornell Medical Center (1955-1957), Strong Memorial Hospital-University of Rochester Medical Center (1957) and HSS (1958-1960), where he became Chief Resident. He was also a Special Fellow in the Bone Tumor Service at Memorial Center for Cancer and Allied Diseases (1960) and was awarded an HSS Post Doctoral Research Fellowship by the Philip D. Wilson Research Foundation (1960-1962).

Renowned for his work in hand surgery and joint replacement, Dr. Inglis was appointed as an Attending Surgeon at New York Hospital, HSS and Beth Israel Hospital North, where he served as Director of the Center for Advanced Orthopaedic Surgery. In addition, he was appointed professor of Clinical Surgery in Orthopaedics (1985) and Professor of Clinical Anatomy in Cell Biology and Anatomy at Cornell University Medical College (1986). His wealth of knowledge in orthopaedics and commitment to education earned Dr. Inglis the reputation as a highly respected professor and mentor amongst his peers and students.

Dr. Inglis published over 100 articles and texts and received numerous honors including the Arthritis Foundation Achievement Award for Excellence in Orthopaedic Surgery (2001), the Charles S. Neer Award (1995) and Honorary Doctor of Laws from Georgetown College (1986). He was also a member of several societies including the New York Medical & Surgical Society, where he was elected as President (1995), The Knee Society, American Shoulder and Elbow Surgeons and the Society of Medical Consultants to the Armed Services.

Dr. Inglis currently resides in Rye, New York where he and his wife Helen spend time with their family and often enjoy a day of sailing. In recognition of his dedication to his patients and students, contributions to medicine, and involvement with the Alumni Association, we are privileged to present Dr. Inglis with the Distinguished Alumnus Award. 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

Gary M. Gartsman, MD
2006 President

Riley J. Williams, III, MD
Secretary/Treasurer

ALUMNI ASSOCIATION COMMITTEES

Alumni Affairs Committee
Guides the strategic direction and vision for the Association

Michael M. Alexiades, MD
Adele Boskey, PhD
Charles N. Cornell, MD
Wendy George
Brian C. Halpern, MD
Richard S. King, MD
Holly Leitzes-Johnson, MD
David B. Levine MD, Chair
Steven K. Magid, MD
Douglas Mintz, MD
Molly Murray
Shane Nho, MD
Martha O’Brasky, MPA
Administrative Director
Daryl Osbahr, MD
Daniel I. Rich, MD
Leon Root, MD
Thomas P. Sculco, MD
Wakenda Tyler, MD
James Voos, MD
Jon Wang, MD
Riley J. Williams, III, MD

Alumni Meeting Planning Committee
Develops and plans the Annual Meeting

Charles N. Cornell, MD
Edward V. Craig, MD
Wendy George
Richard S. Laskin, MD
David B. Levine, MD
Martha O’Brasky, MPA
Administrative Director
Stephen A. Paget, MD
Paul M. Pellicci, MD
Hollis G. Potter, MD
Harvinder S. Sandhu, MD
Thomas P. Sculco, MD, Chair
Michael Urban, MD, PhD
Riley J. Williams, III, MD
Timothy Wright, PhD

Alumni News Editorial Committee
Creates the bi-annual alumni publication

Chandler Wilson-Fordham, MPA
Editor

Wendy George
Co-Editor

David B. Levine, MD
Martha O’Brasky, MPA
Laura Robbins, DSW
Thomas P. Sculco, MD

Administrators

David B. Levine, MD
Director of Alumni Affairs

Martha O’Brasky, MPA
Director, Education Division

Wendy George
Senior Coordinator, Alumni Affairs

Education Division
Alumni Association Office
Phone: 212.606.1057
Fax: 212.734.3833
E-mail: alumni@hss.edu
Web: www.hss.edu
(click on Alumni)
### PAST PRESIDENTS

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<td>Clarence L. Starr</td>
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<td>A. R. Shands</td>
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<td>1920-22</td>
<td>William T. Shields</td>
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<td>F. W. Gilday</td>
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<td>E. W. Hannock</td>
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<td>1925-26</td>
<td>John A. Brooke</td>
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<td>1926-28</td>
<td>A. Mackenzie Forbes</td>
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<td>1928-30</td>
<td>Charlton Wallace</td>
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<td>Lewis Clark Wagner</td>
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<td>Earl Van Derweker</td>
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<td>1932-33</td>
<td>Percy W. Roberts</td>
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<td>Armitage Whitman</td>
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<td>1947-48</td>
<td>Francis J. Carr</td>
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<td>Burr H. Curtis</td>
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<td>Walter C. Graham</td>
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<td>2003-04</td>
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<td>2004-05</td>
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<td>2004-05</td>
<td>Riley J. Williams</td>
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Philip D. Wilson Orthopaedic Lecturers
Surgeon-in-Chief Pro-Tempore

1964 Jose Valls, MD
1965 Otto E. Aufranc, MD
1966 H. Relton McCarrol, MD
1967 Robert Merle d'Aubigne, MD
1968 Carroll B. Larson, MD
1969 Ian Macnab, MD
1970 Sir Henry Osmond-Clarke
1971 George T. Aitken, MD
1972 Harold B. Boyd, MD
1973 Vernon L. Nickel, MD
1974 Fred C. Reynolds, MD
1975 Henry J. Mankin, MD
1976 G. Dean MacEwen, MD
1977 John C. Kennedy, MD
1978 Walter A. Hoyt, Jr., MD
1979 Mark B. Coventry, MD
1980 John C. Wilson, Jr., MD
1981 John J. Gartland, MD
1982 Prof. Emile Letournel
1983 Edward D. Henderson, MD
1984 Prof. Pier Giorgio Marchetti
1985 Jorge O. Galante, MD
1986 Sherman S. Coleman, MD
1987 Jo Miller, MD
1988 Maurice E. Muller, MD
1989 Peter Herberts, MD
1990 James R. Urbaniai, MD
1991 Marvin Tile, MD
1992 Charles A. Rockwood, Jr., MD
1993 Bernard F. Morrey, MD
1994 David S. Bradford, MD
1995 John N. Insall, MD
1996 Michael W. Chapman, MD
1997 Victor M. Goldberg, MD
1998 Raymond T. Morrissey, MD
1999 Clive P. Duncan, MD
2000 Richard J. Hawkins, MD
2001 Frank J. Eismont, MD
2002 Roland P. Jakob, MD
2003 Joseph Buckwalter, MD
2004 Joshua J. Jacobs, MD
2005 Charles M. Court-Brown, MD

Richard H. Freyberg Lecturers
Physician-in-Chief Pro-Tempore

1970 Alexander Gutman, MD
1971 Eric G. L. Bywaters, MD
1972 Charles L. Short, MD
1973 John L. Decker, MD
1974 Daniel J. McCarty, MD
1975 J. Frank Austen, MD
1976 Ralph C. Williams, Jr., MD
1977 Stephen M. Krane, MD
1978 J. Claude Bennett, MD
1979 Nathan J. Zvaifler, MD
1980 David S. Howell, MD
1981 W. Watson Buchanan, MD
1982 Mart Mannik, MD
1983 Eng M. Tan, MD
1984 Ira M. Goldstein, MD
1985 William J. Koopman, MD
1986 John D. Stobo, MD
1987 Dwight R. Robinson, MD
1988 E. Carwile LeRoy, MD
1989 Peter E. Lipsky, MD
1990 Dennis A. Carson, MD
1991 John P. Atkinson, MD
1992 Frank C. Arnett, Jr., MD
1993 R.N. Mani, MD
1994 John A. Hardin, MD
1995 Paul H. Plotz, MD
1996 Bevra H. Hahn, MD
1997 William P. Arem, MD
1998 Matthew H. Liang, MD
1999 David Wofsky, MD
2000 Brian L. Kotzin, MD
2001 Josef S. Smolen, MD
2002 Gary S. Firestein, MD
2003 David S. Pistesky, MD
2004 Ellen M. Gravallese, MD
2005 Paul Emery, MD

Scientific Lecture

2004 Rocky S. Tuan, PhD
2005 Stephen I. Katz, MD, PhD
Surgeon-in-Chief Pro-Tempore

Frederick A. Matsen, III, MD
Professor and Chairman
University of Washington
School of Medicine
Department of Orthopaedics

Physician-in-Chief Pro-Tempore

Robert Davies Inman, MD
Professor of Medicine
University of Toronto
Toronto, Ontario

Chief Scientist Pro-Tempore

Regis O’Keefe, MD, PhD
Associate Chair, Academic Affairs
Professor of Orthopaedics
University of Rochester School of Medicine
## Alumni Association 88th Annual Meeting
### Program of Events

**Thursday • November 9, 2006**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00 AM</td>
<td>Registration and Breakfast</td>
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<td>7:00</td>
<td><strong>Resident Case Presentations</strong></td>
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<td>Presiding: Frederick A. Matsen, III, MD</td>
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<td>8:00</td>
<td><strong>THE THIRTY-SIXTH RICHARD H. FREYBERG LECTURE</strong></td>
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<td>The Interplay of Germs &amp; Genes in Spondyloarthritis</td>
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<td>Robert Davies Inman, MD</td>
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<td>8:30</td>
<td><strong>SYMPOSIUM: Clinical Application of Bone Biology:</strong></td>
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<td>Contributing to Our Patient Management</td>
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<td>Moderator: Joseph M. Lane, MD</td>
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<td>8:40</td>
<td><strong>Basic Science</strong></td>
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<td>Steven Goldring, MD</td>
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<td>8:50</td>
<td><strong>Translational</strong></td>
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<td>Harvinder S. Sandhu, MD</td>
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<td>9:00</td>
<td><strong>Clinical</strong></td>
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<td>Joseph M. Lane, MD</td>
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<td>9:00</td>
<td><strong>Post-Operative Anti-Inflammatory Medication</strong></td>
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<td>Mathias P. Bostrom, MD</td>
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<td>9:10</td>
<td><strong>Discussion</strong></td>
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<td>9:30</td>
<td><strong>Break</strong></td>
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<td>9:50</td>
<td><strong>SYMPOSIUM: Osteolysis: Cellular Signaling for Clinicians</strong></td>
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<td>Moderator: Bryan J. Nestor, MD</td>
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<td>10:00</td>
<td><strong>Imaging</strong></td>
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<td>Hollis G. Potter, MD</td>
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<td>10:00</td>
<td><strong>Potentials for Pharmacological Treatment</strong></td>
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<td>Regis O'Keefe, MD, PhD</td>
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<td>10:10</td>
<td><strong>Cellular Biology of Osteolysis</strong></td>
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<td>Ed Purdue, PhD</td>
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<td>10:20</td>
<td>New Materials: Will They Lessen Osteolysis? Timothy Wright, PhD</td>
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<td>10:30</td>
<td>Discussion</td>
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<td>10:50</td>
<td>SYMPOSIUM: Rotator Cuff Repair Biomechanics &amp; Tendon Healing</td>
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<td>Moderator: Frank A. Cordasco, MD</td>
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<td>11:00</td>
<td>Tendon Healing to Bone: Recent Advances Scott A. Rodeo, MD</td>
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<td>11:10</td>
<td>Restoration of Footprint: Is This Important? Gary M. Gartsman, MD</td>
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<td>11:20</td>
<td>Contact Area-Single Row vs. Double Row David W. Altchek, MD</td>
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<td>11:30</td>
<td>Anterior Acromioplasty or Not? Frederick A. Matsen, III, MD</td>
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<td>12:00</td>
<td>Panel Discussion</td>
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<td>Lunch at Belaire Café</td>
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<td>1:00</td>
<td>SYMPOSIUM: Infection in Arthritis</td>
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<td>Moderator: Charles N. Cornell, MD</td>
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<td>Reactive Arthritis</td>
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<td>Robert Davies Inman, MD</td>
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<td>Antibiotic Management</td>
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<td>Barry D. Brause, MD</td>
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<td>1:20</td>
<td>Pediatric Septic Arthritis</td>
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<td>Daniel W. Green, MD</td>
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<td>1:30</td>
<td>Surgical Management of Infected Joint Replacement Mathias P. Bostrom, MD</td>
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<td>1:40</td>
<td>Discussion</td>
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DEBATE SESSIONS
Moderator: John Crowe, MD

2:00
Open Repair vs. Closed Treatment Mid-Shaft Clavicle Fractures
Open
Andrew D. Pearle, MD
Closed
John P. Lyden, MD

2:20
Achilles Tendon Repair: Open vs. Mini Incision
Open
Jonathan T. Deland, MD
Mini Incision
Andrew J. Elliott, MD

2:40
Pediatric Spondylolysis in Athletes
Operative Approach
Roger F. Widmann, MD
Non-Operative Approach
Jordan D. Metzl, MD

3:00
Scaphoid Fracture: Surgery vs. Non-Surgery
Surgery
Scott W. Wolfe, MD
Non-Surgery
Joanne R. Werntz, MD

3:20
PLENARY SESSION: Top Scientific Papers
Moderator: Allan Inglis, Jr., MD

3:35
Operative Management of Scheuermann's Kyphosis in 78 Patients: Radiographic Outcomes, Complications and Technique
Baron Lonner, MD; Carrie Scharf, BA; Peter Newton, MD; Michael O'Brien, MD; Paul Sponseller, MD; Randal Betz, MD; Larry Lenke, MD; Alvin Crawford, MD; Lynn Letko MD; Harry Shufflebarger, MD; Tom Lowe, MD
Thursday  ■  November 9, 2006  ■  continued

3:43  Discussion

Andrea Baldini, MD

3:56  Discussion

4:01  In Vivo Tibial Forces During Rehabilitation, Exercise and Activities of Daily Living After TKA
Clifford W. Colwell Jr., MD; Shantanu Patil, MD; Nikolai Steklov, BS; Darryl D. D’Lima, MD

4:09  Discussion

4:14  The Value of C-Reactive Protein, Interleukin 6, Procalcitonin and TNF Alpha as Marker of Periprosthetic Infection Following Total Joint Arthroplasty
Friedrich Boettner, MD

4:22  Discussion

4:27  Identification of New Idiopathic Scoliosis Genetic Markers
John T. Braun, MD

4:35  Discussion

4:40  1986 Class Presentation
Thomas H. McCoy, MD

4:50  DISTINGUISHED ALUMNUS AWARD
Recipient: Allan E. Inglis, MD

5:30 - 7:30  Alumni Cocktail Reception
Weiss Café Rockefeller University
Friday  ■  November 10, 2006

7:15 AM  Registration and Breakfast

PLENARY SESSION: Top Scientific Papers
Moderator: Clifford W. Colwell, Jr., MD

7:30  Effect of Thigh Tourniquet Deflation on Hemodynamic Variables Assessed by Measuring Suprasystolic Brachial Artery Signals
Michael Ho, MD; Nigel E. Sharrock, MB, ChB; George Go, BS; Eduardo A. Salvati, MD

7:38  Discussion

7:43  Gene-Mediated Minimally Invasive Anterior Spinal Fusion
Matthew E. Cunningham, MD, PhD; Serkan Bilgic, MD; Thomas Lawhorne, MD; Bernard Rawlins, MD; Ronald Crystal, MD; Oheneba Boachie-Adjei, MD; Chisa Hidaka, MD

7:51  Discussion

7:56  Controlling Pain After Total Hip and Knee Replacement Using a Multimodal Protocol with Local Periarticular Injections: A Prospective, Randomized Study
Chitranjan S. Ranawat, MD; Amar S. Ranawat, MD; Hari Parvataneni, MD

8:04  Discussion

8:09  Chondrolysis After Continuous Intra-Articular Bupivacaine Infusion: An Experimental Model Investigating Chondrotoxicity in the Rabbit Shoulder
Andreas H. Gomoll, MD; Richard W. Kang, BS; James M. Williams, PhD; Bernard R. Bach, Jr., MD; Brian J. Cole, MD, MBA

8:17  Discussion
SYMPOSIUM: Current Concepts in Shoulder Arthroplasty
Moderator: Edward V. Craig, MD

8:22
Revision of the Loose Glenoid Component after Total Shoulder Arthroplasty (Design & Biomechanics)
Emilie V. Cheung, MD; John W. Sperling, MD; Robert H. Cofield, MD

8:32
Non-Arthroplasty Alternatives for Arthritis
Brian J. Cole, MD, MBA

8:42
Technical Considerations in the Reverse (Delta) Shoulder
Frederick A. Matsen, III, MD

8:52
Reverse vs. Hemiarthroplasty in Cuff Deficiency
Russell F. Warren, MD

9:02
Discussion

SYMPOSIUM: Socio-Economic Symposium
Moderator: Timothy Wright, PhD

9:22
Economic Conditions of Running an Orthopaedic Department and Research Effort
Regis O'Keefe, MD, PhD

9:35
Hospital CEO Perspective
John Reynolds

9:48
Commercial Perspective
Norman Payson, MD

10:02
Panel Discussion

10:22
Break
New Techniques in Regional Anesthesia: Post-Operative Neurologic Symptom Following Upper Extremity Surgery
Moderators: Gregory A. Liguori, MD

10:42 Surgical Perspective
Andrew J. Weiland, MD

10:50 Anesthesia Perspective
Victor M. Zayas, MD

10:58 Neurology Perspective
Teena Shetty, MD

11:06 Discussion

3RD ANNUAL SCIENTIFIC LECTURE
The Role of Periosteal Stem Cells in Bone Repair
Regis O’Keefe, MD, PhD, Chief Scientist Pro-Tempore

11:31 Discussion

11:46 Business Meeting & Lunch

THE FORTY-SECOND PHILIP D. WILSON ORTHOPAEDIC LECTURE
Shoulder Arthroplasty from the Socket Perspective
Frederick A. Matsen, III, MD, Surgeon-in-Chief Pro-Tempore

1:30 The Presidential Address
The Economic Impact of Orthopaedic Specialty Hospitals
Gary M. Gartsman, MD

Awards Session
Moderator: Thomas P. Sculco, MD

2:00 LEWIS CLARK WAGNER AWARD
Recipient: Joshua Dines, MD
The Effect of a Tissue Engineered-Gene Therapy Construct on Rotator Cuff Tendon Healing in a Rat Model
2:10  Discussion

2:15  CHARLES L. CHRISTIAN MUSCULOSKELETAL RESEARCH AWARD
Recipient: Sebastian Fung, MD
Stratification of Cartilage Injury Following Isolated ACL Injury
Discussion

2:25  PHILIP D. WILSON AWARD
Recipient: Vonda Wright, MD
ACL Fibroplasts Respond to Mechanical Load by Activation of Stress-Activated Protein Kinases & Transcription Factors
Discussion

2:40  1996 Class Presentation
Stephen J. Zabinski, MD

2:45  Break

2:55  Updates
Moderator: Paul A. Lotke, MD

3:10  MIS Update
Steven H. Hass, MD

3:20  The Squeaking Hip: An Under-Reported Phenomenon of Ceramic-on-Ceramic Total Hip Arthroplasty
Amar S. Ranawat, MD; Christopher A. Jarrett, MD; Matteo Bruzzone, MD; Jose A. Rodriguez, MD; Chitranjan S. Ranawat, MD
Fast-Track THR: Hospital for Special Surgery Experience with Two-Day Length-of-Stay Protocol for Total Hip Replacement
Lawrence V. Gulotta, MD; Thomas P. Sculco, MD; Robert Buly, MD; Suzanne Graziano, MSN, RN; Nigel Sharrock, MB, ChB; Michael Urban, MD, PhD; Stephen Lyman, PhD; Kristin Foote, MEd; Bryan J. Nestor, MD

Leon Root, MD Motion Analysis Lab Presentation
Howard Hillstrom, PhD

History of Total Knee Replacement at Hospital for Special Surgery
Daryl Osbahr, MD; Anil Ranawat, MD

DEBATE SESSIONS
Moderator: Richard Braun, MD
Spine Fusion vs. Dynamic Stabilization
Spine Fusion
Fabien Bitan, MD
Dynamic Stabilization
Neel Anand, MD

Locked Plating for Osteoporotic Shoulder Fracture
Pro
John D. MacGillivray, MD
Con
Dean G. Lorich, MD

Program Evaluation/Adjourn

2006 Opera Benefit
New York City Opera’s production of The Elixir of Love
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

2007 Alumni Meeting - November 8-9, 2007
By Title Only

Hemicallotasis Open-Wedge Osteotomy for Varus Osteoarthritis of the Knee
Andrea Baldini, MD; Alfredo Trinci, MD

Total Knee Arthroplasty for Valgus Deformity Corrected with the Pie-Crusting Technique: A Five to Twelve Year Follow-up Study
Andrea Baldini, MD; Paolo Aglietti, MD; Domenico Lup, MD; Lapo Deluca, MD

Posterior Capsular Repair Following Total Hip Arthroplasty: A MRI Follow-up Study
Friedrich Boettner, MD; Hollis Potter, MD; Li F. Foo, MD; Paul M. Pellicci, MD

Perioperative Morbidity After Single Stage Bilateral Total Hip Arthroplasty: A Matched Control Study
Friedrich Bottner, MD; Kyle C. Swanson, MD; Alejandro Gonzalez Della Valle, MD; Eduardo A. Salvati, MD; Thomas P. Sculco, MD

Starr Chair in Mineralized Tissue Research
Boskey, AL, PhD; Bullough, PG, MD; DiCarlo, E., MD; Myers, E, PhD; Spevak, L; Castro, MP, MD; Whyte, MP, MD

Versus Dynamic Loading in the Mechanical Modulation of Vertebral Growth
Ephraim Akyuz, MS; John T. Braun, MD; Nicholas A. Brown, PhD; Kent N. Bachus, PhD

A Biomechanical Comparison of Seven Different Fusionless Scoliosis Treatment Strategies
John T. Braun, MD; Ephraim Akyuz, MS; Kent N. Bachus, PhD

Fusionless Scoliosis Surgery: What We Don’t Know
John T. Braun, MD

Quantitative Measurements in the Assessment of Patients with Thoracic Outlet Syndrome
Richard M. Braun, MD

Gender Based Differences in Hip and Trunk Strength and Flexibility Related to Dynamic Lower Extremity Alignment-A Possible Factor in ACL Injury Risk
Robert H. Brophy, MD; Theresa A. Chiaia, PT; Robert A. Maschi, PT, DPT, CSCS; Luke S. Oh, MD; Chris C. Dodson, MD; Answorth A. Allen, MD; Riley J. Williams, III, MD

Cementless Acetabular Arthroplasty Following Treatment of an Acetabular Fracture
Anil S. Ranawat, MD; Jonathan A. Zelken, BA; David L. Helfet, MD; Robert L. Buly, MD

Arthroscopic Rotator Cuff Repair: Prospective Functional Outcome and Repair Integrity at Minimum 2-Year Follow-up
Brian J. Cole, MD, MBA; L. Pearce McCarty, MD; Richard W. Kang, BS; Winslow Alford, MD; Paul B. Lewis, BS; Junaid Makda, BS; Jennifer K. Hayden, RN, MSN
Selective Anterior Thoracolumbar and Lumbar Instrumentation with Overlapping Short Posterior Instrumentation Eliminates the Need for Long Fusions in Adult Scoliosis

Oheneba Boachie-Adjei, MD; Gina Charles, BS; Matthew E. Cunningham, MD, PhD

Fellow, Radiology and Imaging
Aditya Daftary, MB, BS; John MacGillivray, MD; David W. Altchek, MD; Ronald S. Adler, PhD, MD

Symptomatic Glenoid Loosening Complicating Total Shoulder Arthroplasty
Joshua S. Dines, MD; Bradley Raphael, MD; Stephen Fealy, MD; Edward V. Craig, MD; Mark P. Figgie, MD; Russell F. Warren, MD; David M. Dines, MD

The Effect of Total Shoulder Replacements on Airport Security After 9/11/2001
Joshua S. Dines, MD; Hussein Elkousy, MD; T. Bradley Edwards, MD; Gary M. Gartsman, MD; David M. Dines, MD

Outcomes Analysis of Revision Total Shoulder Replacements
Joshua S. Dines, MD; Stephen Fealy, MD; Eric J. Strauss, MD; Answorth Allen, MD; Edward V. Craig, MD; Russell F. Warren, MD; David M. Dines, MD

The Effect of a Tissue Engineered-Gene Therapy Construct on Rotator Cuff Tendon Healing in a Rat Model
Dines, JS, MD; Uggen, C, MD; Uggen, J, DO; Razzano, P, MS; Grande, D, PhD; Dines, DM, MD

Influence of Mechanical Environment and Growth Differentiation Factor 5 on Tendon Repair
Joshua S. Dines, MD; Lawrence Weber, MD; Rita Prajapati, PhD; Mark Timmer, PhD; Pasquale Razzano, MS; Steven Bowman, PhD; Lawrence Bonassar, PhD; Dan Grande, PhD

Early Results of Hemiarthroplasty for Proximal Humeral Fractures Utilizing a New Fracture Stem and Intramedullary Positioning Sleeve
David M. Dines, MD; Russell F. Warren, MD; Edward V. Craig, MD; Joshua S. Dines, MD

Medial Collateral Ligament Reconstruction of the Elbow Using the Docking Technique
Christopher C. Dodson, MD; Adrian Thomas, MD; Joshua S. Dines, MD; Shane J. Nho, MD; Riley J. Williams III, MD; David W. Altchek, MD

Injury and Illness in the National Basketball Association: A 17-Year Overview
Benjamin G. Domb, MD; Mark Drakos, MD; Chad Starkey, PhD, ATC; Lisa Callahan, MD; Answorth A. Allen, MD

Shoulder Dislocation after Mobilization Procedures for Adhesive Capsulitis: A Report of 3 Cases
Mark C. Drakos, MD; David Green, MD; Christopher C. Dodson, MD; Answorth A. Allen, MD; Russell F. Warren, MD

IAGH treats Osteoarthritis, Rheumatoid Arthritis, Septic Arthritis and Avascular Necrosis of the Ankle with Minimal Invasion and Maximum Benefit
Allan R. Dunn, MD
Accuracy of Pre-operative Templating in Predicting Post-operative Center of Rotation and Leg Length
Christopher M. Farrell, MD; Bryan Nestor, MD; Alejandro Gonzalez Della Valle, MD; Douglas Padgett, MD; Mathias Bostrom, MD; Steven Lyman, PhD; Kristen Foote

Semitendinosus Tendon Regeneration After ACL Reconstruction
Toru Fukubayashi, MD; Akihiro Kanamori; Sayuri Ri; Akie Nishino; Akiko Sanada

Hybrid Locked Plating of Osteoporotic Fractures
Michael J. Gardner, MD; Matthew H. Griffith, MD; Demetris Demetrakopoulos, BS; Robert H. Brophy, MD, MS; Andrew Grose, MD; David L. Helfet, MD; Dean G. Lorich, MD

Vascular Implications of Minimally Invasive Plating of Proximal Humerus Fractures
Michael J. Gardner, MD; James Voos, MD; Tony Wanich, MD; David L. Helfet, MD; Dean G. Lorich, MD

The Accuracy and Precision of a Novel Portable Gait Analysis Device
Michael J. Gardner, MD; Joseph U. Barker, MD; Sherry I. Backus, MA, PT; David L. Helfet, MD; Joseph M. Lane, MD; Dean G. Lorich, MD

The Importance of Calcar Support in Locked Plating of Proximal Humerus Fractures
Michael J. Gardner, MD; Joseph U. Barker, MD; David L. Helfet, MD; Bryan T. Kelly, MD; Dean G. Lorich, MD

A Tension-Based Scoliosis System for the Treatment of Adolescent Idiopathic Scoliosis: A Review of 36 Cases
Christopher R. Good, MD; Ariel Burnell, CO; Gina Charles, BA; Glenn Garrison, CPO; Oheneba Boachie-Adjei, MD

Glenohumeral Chondrolysis Following Shoulder Arthroscopy: A Report of Six Cases
Christopher R. Good, MD; Michael K. Shindle, MD; Russell F. Warren, MD

Survival of a Non-Cemented Anatomic Hip Stem Following THA in Patients with Juvenile Rheumatoid Arthritis
Andrew W. Grose, MD; Barbara Kahn, RN; Bryan J. Nestor, MD; Mark P. Figgie, MD

The Inferior Gluteal Artery and its Contribution to the Blood Supply of the Femoral Head
Andrew W. Grose, MD; Michael J. Gardner, MD; Patrick Sussman, MD; David L. Helfet, MD; Dean G. Lorich, MD

Fast-Track THR: Hospital for Special Surgery Experience with Two-Day Length-of-Stay Protocol for Total Hip Replacement
Lawrence V. Gulotta, MD; Thomas P. Sculco, MD; Robert Buly, MD; Suzanne Graziano, MSN, RN; Nigel Sharrock, MD; Michael Urban, MD; Stephen Lyman, PhD; Kristin Foote, MEd; Bryan J. Nestor, MD
Restoration-HA Femoral Component in Revision Total Hip Arthroplasty: Clinical and Radiographic Results at Two to Six Years
Lawrence V. Gulotta, MD; Andreas Baldini, MD; Stephen Lyman, PhD; Kritin Foote, MEd; Bryan Nestor, MD

Percutaneous Anterior Column Screw Fixation in Conjunction with Total Hip Replacement as Acute Treatment for Severe Acetabular Fractures in the Elderly
Norman A. Johanson, MD; Susan P. Harding, MD; Nikos Pavliedes, MD

Assessment of Accuracy and Reliability of MRI Scanogram versus Radiographic Scanogram in the Evaluation of Limb Length Discrepancy
Anne Holland Johnson, MD; Hollis G. Potter, MD; Roger F. Widmann, MD

Clinical Importance of the Lateral Branch of the Deep Peroneal Nerve
John G. Kennedy, MD; John B. Brunner, MD; William McLelland, MD; Donald B. Baxter, MD; Christopher W. Hodgkins, MD; Walther H. Bohne, MD

Physician and Patient Based Outcomes Following Surgical Resection of Haglund's Deformity
John G. Kennedy, MD; John A. Anderson, MD; Martin O'Malley, MD; Walther Bohne, MD; Jonathan Deland, MD; John Brunner, MD

Can High Flexion Be Maintained Through Implant Modification in TKR?
Richard S. Laskin, MD

Affecting the Prevalence of Patellar Baja After Total Knee Arthroplasty
Richard S. Laskin, MD; Markus Floren, MD; Jack Davis, RN

Characterizing Radiographic Changes in 102 Consecutive Cases of Degenerative Spondylolisthesis
Thomas W. Lawhorne III, MD; Ioannis Pappou, MD; Frank P. Cammisa, Jr., MD; Federico P. Girardi, MD

Adult Thoracolumbar/Lumbar Scoliosis Treated with Long Vertebral Fusion to the Sacropelvis: A Comparison Between Hybrid Selective Anterior vs. Third Generation Posterior Techniques
Thomas W. Lawhorne III, MD; Matthew Cunningham, MD; Gina Charles, BS; Oheneba Boachie-Adjei, MD

Motor Evoked Potential Monitoring During Correction of Spinal Deformities
Joe Morreira, MD; Baron Lonner, MD; Darryl Antonacci, MD; David Godfried, MD; Carrie Scharf, BA

The Effect of Rod Diameter on Scoliosis Correction
Baron Lonner, MD; Emily Muller, BA; Randal Betz, MD; Alvin Crawford, MD; Tom Lowe, MD; Georgia Panagopoulos, PhD; Peter Newton, MD

Effect of Anterior Approaches for the Treatment of Adolescent Idiopathic Scoliosis on Pulmonary Function
Baron Lonner, MD; Michael Estreicher, BA; Peter Newton, MD; Randal Betz, MD; Linda D’Andrea, MD; Alvin Crawford, MD
Patient-Reported Outcome Following the Operative Treatment of Thoracic Adolescent Idiopathic Scoliosis: A Comparison of Posterior Spinal Fusion to Video-Assisted Thoracoscopic Surgery
Baron S. Lonner, MD; Emily Muller, BA; David Chang, MD

Medial Unicondylar Knee Arthroplasty Decreases Pain and Improves Function: A Prospective, Single Surgeon Report on 2-Year Average Follow-up
William Macaulay, MD; Richard S. Yoon, BS

Cementless Total Hip Replacement in Young Patients Using a Stem Designed for Supra-Metaphyseal Fixation: A Prospective Study in Patients Younger Than 55-Years Old
Alejandro Leali, MD; Joseph Fetto, MD

Preservation of Periprosthetic Bone Mass After THR with an Uncemented Lateral Flare Stem: A Prospective Study Using DEXA Scanning
Alejandro Leali, MD; Joseph Fetto, MD

Mid-Term Results of a Novel Lateral Flare Non-Cemented Femoral Stem: A Clinical, Radiographic and DEXA Study
Joseph Fetto, MD; Alejandro Leali, MD

Prospective Study of Arthroscopic Rotator Cuff Repair with Clinical and Ultrasound Assessment
Shane J. Nho, MD; Ronald S. Adler, MD; David A. Altchek, MD; Scott A. Rodeo, MD; Frank A. Cordasco, MD; Russell F. Warren, MD; John D. MacGillivray, MD

Comparison of Conforming and Non-Conforming Retrieved Glenoid Components
Shane J. Nho, MD; Owen Ala, BA; Christopher C. Dodson, MD; Mark P. Figgie, MD; David W. Altchek, MD; Timothy M. Wright, PhD; Edward V. Craig, MD; Russell F. Warren, MD

Arthroscopic Subdeltoid Transfer of the Long Head of the Bicips Tendon to the Conjoint Tendon: A New Technique with Clinical Results at a Minimum 2-Year Follow-up
Mark C. Drakos, MD; Nikhil N. Verma, MD; Lawrence V. Gulotta, MD; Frank Potucek, BA; Samuel Taylor, BA; Stephen Fealy, MD; Ronald Selby, MD; Stephen J. O’Brien, MD

Reconstruction of Combined Injuries of the ACL and MCL Using Hamstring Graft Dermot O’Farrell, MD, FRCS (Orth); Paul Kiely, MD, FRCSI; Emmet Cullen, MD; Patricia O’Connell, MISCP

The Lumbar Curve Response to Selective Thoracic Fusion in Adult Idiopathic Scoliosis
Michael W. Peelle, MD; Oheneba Boachie-Adjei, MD; Addisu Mesfin, MD; Gina Charles, BS; Yamuna Kanazawa, BS

Early Rebalancing Following Selective Lumbar Fusions in Adolescent Idiopathic Scoliosis
Michael W. Peelle, MD; Oheneba Boachie-Adjei, MD; Gina Charles, BS; Yamuna Kanazawa, BS
Complications of Revision ACDF Surgery in 53 Patients: A Matched Cohort Analysis
Michael Peelle, MD; Ioannis Pappou, MD; Andrew Sama, MD; Federico Girardi, MD; Frank Cammisa, MD; James Farmer, MD; John Carew, MD

Novel Source of Cancellous Autograft for ACDF Surgery: The Manubrium
Michael W. Peelle, MD; Bernard A. Rawlins, MD; Peter Frelinghuysen, MD

Total Hip Arthroplasty for Acute Displaced Femoral Neck Fracture: Can We Minimize Hip Dislocation with Optimal Patient Selection and Modern Surgical Technique?
Stéphane Leduc, MD; Joseph Borrelli, MD; William M. Ricci, MD

Plate-Screw Fixation in Osteoporotic Bone: A Comparison of Screw Insertion Torque and Pullout
William M. Ricci, MD; Timothy Petteys, BS; Darin Gerlach, BS; Zakiyyah Walker, BS; Paul Tornetta III, MD; Toney Russell, MD

Biomechanical Investigation of Locked vs. Non-Locked Diaphyseal Fixation of Plate Screw Constructs in a Non-Osteoporotic Human Cadaveric Distal Femoral Fracture Model
William M. Ricci, MD; Yanming Zheng, BS; Zakiyyah Walker, BS; Mary Anthony, BS; Jeff Holbrook, BS; Paul Tornetta, MD

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Ganesh Kamath, MD; Joseph Borrelli, MD; William M. Ricci, MD

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Meta-Analysis of the Effect of Thromboprophylaxis on Death After Total Joint Arthroplasty
Nigel E. Sharrock, MB, ChB

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Domenick J. Sisto, MD

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Crisco, JJ; Sonenblum, SE; Upal, MA; Akelman, E; Wolfe, SW

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Current Concepts in the Management of the Ambulatory Patient with Cerebral Palsy
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