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PRESIDENTS' MESSAGE



Dear Members, Colleagues,
and Friends,

Welcome to Québec City and the combined meeting of the American and Canadian Orthopaedic Associations. It has been our pleasure working together to join our associations, rich in history and tradition, to deliver a meeting that has been designed to help

advance orthopaedics across borders.

This meeting brings together our fellow members and international guests – current leaders in the profession, with the leaders of tomorrow – our residents and emerging leaders. We also welcome the contributions made by our allied health attendees, non-members, and exhibitors. Everyone's active participation in the meeting is encouraged.

We are deeply indebted to our program co-chairs, Dr. Christopher D. Harner and Dr. Emil H. Schemitsch, and the AOA/COA Program Committees for their commitment and dedication to orchestrate such an outstanding scientific program. Their planning over the last couple of years has resulted in a quality program designed to meet the needs of orthopaedic surgeons in every stage of their career. We are confident the 2008 Combined Meeting will be an invaluable educational experience.

In addition to the critical issues symposia, instructional course lectures, paper/poster presentations, and surgical tips and tricks, we have arranged for fantastic guest speakers that you will not want to miss. Dr. Marcia Angell, former editor-in-chief of the *New England Journal of Medicine*, will speak to the current state of health care. Most likely you have read Dr. Angell's articles in professional journals which typically address medical ethics, health policy, the nature of medical evidence, the interface of medicine and the law, and the relations between industry and academic medicine.

Dr. Norman Schachar, orthopaedic educator and assistant dean of continuing medical education and professional development at the University of Calgary, will address us on the topic: Orthopaedic Educators Continuous Lifelong Learning and Our National Specialty Society: An Educational Imperative. Dr. Schachar has been an active and influential part of the COA and the Canadian Orthopaedic Research Society for several decades.

Finally, we hope everyone gets the opportunity to take advantage of the charm and European flare of Québec City. Dr. Pierre Mercier and Elizabeth Burn have arranged a wide array of social and recreational activities that showcase this beautiful and historical city. We hope you will join us for the Night at the Museum on Friday as we wind down this year's meeting with an evening among friends and family at the Musée National des Beaux Arts.

It has been an honor for us to serve as president of our respective organizations and we can't think of a better way to celebrate the close of our presidential year. Thank you for your participation and we look forward to seeing you in Québec.

Sincerely,

Peter J. Stern, MD and Marc J. Moreau, MD, FRCSC

PROGRAM CHAIRS' MESSAGE



Dear Friends and Colleagues,

It is our pleasure to welcome you to Québec City and the 2008 Combined Meeting of the American Orthopaedic Association and Canadian Orthopaedic Association. We are pleased that you have joined us for this exceptional meeting and look forward to providing you the opportunity to

explore the most relevant issues affecting leaders in orthopaedics.

Through the combined efforts of the AOA/COA Program Committees, this year's program is comprised of six controversial, critical issues symposia, 17 instructional course lectures, more than 200 free papers, 160 poster presentations and six surgical Tips & Tricks video sessions. In addition, our program includes Presidential Guest Speaker, Marcia Angell, whose lecture, "Health Care: A Tale of Two Countries", will touch on the topic of a single-payer health care system, and R.I. Harris Lecturer, Dr. Norman Schacher, who will be speaking on the "The Orthopaedic Educator, Continuous Lifelong Learning and Our National Specialty Society: An Educational Prospective."

We also encourage all Program Directors and Department Chairs to take advantage of the special programming planned to meet your needs. The Program Director and Department Chair Forum will address coaching and mentorship and the New Chair Breakfast is an excellent opportunity to share experiences and challenges faced in this position.

We hope you have an opportunity to enjoy Québec City during its 400th anniversary celebration. The city has many festivities planned to commemorate this historical event. All registered family and guests are welcome to visit the Hospitality Suite where they can enjoy breakfast, meet up with other Annual Meeting guests and obtain local visitors information.

As always, the AOA and COA strive for excellence in programming. Please help us plan future Annual Meetings by completing all attendee evaluations and sharing with us what you think of this year's event.

Thank you for joining us and for your continued support of the AOA and COA. We hope you enjoy the scientific programming and have a wonderful experience during your stay in Québec City.

Sincerely,

Christopher D. Harner, MD and Emil H. Schemitsch, MD, FRCSC

CORS MESSAGE

Dear CORS Members and Guests,

It is our great pleasure to present the 42nd Annual Meeting of the Canadian Orthopaedic Research Society (CORS) on June 5, 2008. As part of the combined AOA/COA combined program, we extend an invitation to the entire orthopaedic community and those who want to explore the latest news in basic orthopaedic science.


We are thrilled to announce that the CORS program includes six research-based paper sessions, as well as a 90-minute symposium on the topic of "Articular Cartilage Repair – from Bench to Bedside to Books" featuring Drs. Joseph Buckwalter, Nadr Jomha, Bob McCormack and Rajiv Gandhi. These dynamic speakers will share their insight and stimulate thought-provoking discussion.

On behalf of the CORS Executive committee, we thank you for your ongoing support of orthopaedic research and we look forward to seeing you in marvelous Québec City. Join us and take advantage of an excellent opportunity to learn and to network with researchers from across Canada and the United States.

Warm Regards,

Nadr Jomha, MD, FRCSC, PhD, CORS Program Chair
James A. Johnson, PhD, P.Eng, CORS President

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Orthopaedic
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Program Objectives

Attendees of the 2008 Annual Meeting of the American Orthopaedic Association and the Canadian Orthopaedic Association will:

- Discuss and debate, formally and informally, controversies in orthopaedic practice, science, ethics, education, economics and social issues.
- Advance knowledge of orthopaedic surgery and science and learn new practices that can be implemented to improve patient care.
- Review and evaluate the results of clinical advances in the diagnosis and management of common orthopaedic diseases in the areas of traumatology, arthroplasty, foot and ankle, spine, sports medicine, pediatrics, and tumor.
- Update and expand their understanding of the advances in basic science research in musculoskeletal health and disease. Apply this understanding to current clinical challenges and the improvement of patient outcomes.
- Establish strategies that balance both benefit and risk in the care of specific orthopaedic maladies and describe the expected patient outcomes.
- Gain knowledge of innovative ideas from thought leaders in the major subspecialties.
- Benefit from opportunities to strengthen professional relationships.
- Compare and evaluate the latest in orthopaedic equipment and services.

Continuing Medical Education

American Orthopaedic Association – This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Academy of Orthopaedic Surgeons and the American Orthopaedic Association. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this educational activity for a maximum of 20.5 **AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Canadian Orthopaedic Association – This educational event is approved as an Accredited Group Learning Activity under Section 1 of the Framework of Continuing Professional Development options for the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada. The participant will receive one credit per hour for activities attended in this program.

Registration

Main entrance of Convention Centre, Billeterie, 4th floor
Hours of Operation:
 Wednesday, June 4 9:00am–8:00pm
 Thursday, June 5 6:00am–5:30pm
 Friday, June 6 6:00am–5:00pm
 Saturday, June 7 6:30am–9:30am

Speaker Ready Room

Room 201A, Convention Centre, 2nd floor
Hours of Operation:
 Wednesday, June 4 12:00pm–6:00pm
 Thursday, June 5 6:00am–6:00pm
 Friday, June 6 6:00am–6:00pm
 Saturday, June 7 6:00am–11:00am

GENERAL PROGRAM INFORMATION

Course Evaluation

Please take the time to complete course evaluation forms that will assist in developing future AOA/COA/CORS programs.

Business Meetings

AOA Thursday, June 5	10:05am–11:05am	200AB
COA Thursday, June 5	10:15am–11:05am	301A
CORSThursday, June 5	12:40pm–1:10pm	301B

Scientific Poster Exhibits

Posters can be viewed outside the exhibit hall until the end of the afternoon health break on Friday, June 6.

Poster set-up must be completed by 8:00am on Thursday, June 5. Authors are encouraged to be at their displays during breakfast, lunch, and any scheduled health breaks on Thursday, June 5 and Friday, June 6. Posters may be dismantled from 4:00pm until 7:00pm, Friday, June 6. **Posters must be removed by 7:00pm on Friday, June 6 as the poster boards will be dismantled at 7:00pm.** It is the responsibility of the presenters to remove all of their materials. The AOA/COA staff will not assume responsibility for poster materials remaining after 7:00pm on Friday, June 6.

Spouse/Guest Hospitality Suite

A hospitality suite will be available to registered spouses and guests in the Convention Centre Solarium. Please see Activities section for more information.

Exhibits

Exhibits will be open from 7:00pm–8:30pm on Wednesday, June 4, 8:00am–5:30pm on Thursday, June 5 and 8:00am–3:00pm on Friday, June 6. The AOA and the COA continue to be successful and deliver quality educational programs due to the commitment of our members and the generous support of our industry partners. Please support our industry partners by visiting their booths. More information can be found in the Exhibits section.

Badges

AOA/COA Active, Affiliate/Sister Societies, Overseas	BLACK
AOA Emeritus/COA Senior Members	GREEN
COA Associate Members	ORANGE
AOA Resident Leadership Forum Participants	PURPLE
AOA Emerging Leaders	PINK
Allied Health	BROWN
Non-Member	YELLOW
CORS	RED
Spouse/Guest	GREY
Exhibitors	BLUE
Volunteers/Staff	WHITE

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The material presented at the AOA/COA Annual Meeting has been made available by the American Orthopaedic Association and Canadian Orthopaedic Association for educational purposes only. The material is not intended to represent the only, nor necessarily best, method or procedure appropriate for medical situations discussed, but rather is intended to present an approach, view, statement, or opinion of the faculty which may be helpful to others who face similar situations. The AOA and COA disclaim any or all liability for injury or other damages resulting to any individual attending the Annual Meeting and for all claims which may arise out of the use of the techniques demonstrated therein by such individuals whether these claims shall be asserted by physician or any other person.

Disclosure – Each participant in the Annual Meeting has been asked to disclose if he or she has received something of value from a commercial company or institution, which relates directly or indirectly to the subject of his or her presentation.

The American Academy of Orthopaedic Surgeons, American Orthopaedic Association and Canadian Orthopaedic Association have identified the options to disclose as follows:

- Research or institutional support has been received from:**
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g. Canadian Orthopaedic Foundation's *Hip Hip Hooray!* funding program

n. Nothing to Disclose

An indication of the participant's disclosure appears after his or her name as well as the commercial company or institution that provided the support. In addition, if the participant discloses he or she does not have any financial interests or commitments, this information will be indicated as well. The American Academy of Orthopaedic Surgeons does not view the existence of these disclosed interests or commitments as necessarily implying bias or decreasing the value of the author's participation in the Annual Meeting.

FDA Disclaimer – Some drugs or medical devices demonstrated at the Annual Meeting have not been cleared by the FDA or have been cleared by the FDA for specific purposes only. The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or medical device he or she wishes to use in clinical practice.

The American Academy of Orthopaedic Surgeon's policy provides that "off label" uses of a drug or medical device may be described in the Academy's CME activities so long as the "off label" use of the drug or medical device is also specifically disclosed (i.e., it must be disclosed that the FDA has not cleared the drug or device for the described purpose). Any drug or medical device is being used "off label" if the described use is not set forth on the product's approved label. If this applies to any presentation, an 'FDA' will appear by the presentation title.

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Presidential Guest Speaker

Marcia Angell, MD, MACP

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Guest Speakers

Steel Lecturer
Barry Lane, Historian

RI Harris Memorial Lecturer
Norman S. Schachar, MD, FRCSC

CORA JA Nutter Award
Isaac Moss, MD CM

COMMITTEE MEETINGS

Tuesday, June 3

9:30am–11:00am	AOA Finance Committee	207
1:00pm–2:30pm	AOA ALC: Academic Leadership Development Work Group	207
3:00pm–6:00pm	AOA Critical Issues Committee	207
4:00pm–6:00pm	AOA Membership	208A
6:30pm–8:00pm	AOA ALC: Educational Processes, Outcomes and Assessments Work Group	208A

Wednesday, June 4

7:00am–8:00am	COA Executive Committee	208A
7:00am–9:00am	AOA Orthopaedic IOM	207
8:00am–11:30am	COA COPEF Committee	204A
9:30am–11:30am	AOA Academic Leadership Committee	207
10:00am–11:30am	AOA Conflict of Interest Task Force	208A
11:00am–12:00pm	COA Finance and Audit Committee	208B
1:00pm–3:00pm	COA Program Committee	208B
1:00pm–4:00pm	AOA Executive Committee	207
2:30pm–4:00pm	COA National Standards Committee	204B

Thursday, June 5

7:00am–10:00am	COA Board of Directors	205B
12:00pm–5:00pm	ABOS Sports Medicine Committee Meeting	Hilton Sillery Room
3:30pm–4:30pm	Canadian Orthopaedic Research Society	205B

Friday, June 6

6:30am–8:30am	AOA Leadership Development Committee	304AB
1:00pm–2:30pm	International President's Meeting	Solarium
2:30pm–4:30pm	AOA-AAOS-ABOS-OREF Unity Summit	304AB

Saturday, June 7

6:30am–8:30am	AOA Own the Bone	304A
7:30am–9:00am	AOA Fellowship Coordination Committee	304B
12:00pm–1:30pm	AOA Executive Committee Meeting	304AB

AFFILIATE MEETINGS

Wednesday, June 4

12:00pm–4:30pm Canadian Joint Replacement Registry (CJRR) Advisory Board 204A

Thursday, June 5

6:45am–8:15am FLOW Investigators Meeting Hilton Beauport Room

9:00am–12:00pm Orthopaedic Clinical Coordinators Group (OCCG) Hilton Belair Room

1:15pm–1:45pm Canadian Orthopaedic Research Legacy (CORL) Solarium

12:00pm–4:00pm AAOS Presidential Line Meeting Hilton Orléans Room

12:30pm–3:00pm Canadian Orthopaedic Foot and Ankle Society 207

3:00pm–6:00pm Canadian Orthopaedic Trauma Society (COTS) Hilton Beauport Room

4:30pm–6:00pm McMaster Orthopaedic Surgery Alumni Reception Solarium

Friday, June 6

9:00am–12:00pm Canadian Orthopaedic Oncology Society (CANOOS) Hilton Beaumont Room

11:00am–1:30pm EPCAT Hilton Belair Room

12:15pm–2:30pm Women in Orthopaedics Fifth Annual Luncheon Hilton Beauport Room

3:00pm–4:30pm Orthopaedics Overseas Hilton Beaumont Room

PRESIDENTIAL GUEST SPEAKER



Marcia Angell, MD, MACP

Marcia Angell, MD, is Senior Lecturer in the Department of Social Medicine at Harvard Medical School. She stepped down as Editor-in-Chief of the *New England Journal of Medicine* on June 30, 2000. A graduate of Boston University School of Medicine, she trained in both internal medicine and anatomic pathology and is a board-certified pathologist. She joined the editorial staff of the *New England Journal of Medicine* in 1979, became Executive Editor in 1988, and Editor-in-Chief in 1999.

Dr. Angell writes frequently in professional journals and the popular media on a wide range of topics, particularly medical ethics, health policy, the nature of medical evidence, the interface of medicine and the law, care at the end of life, and the relations between industry and academic medicine. Her critically acclaimed book, *Science on Trial: The Clash of Medical Evidence and the Law in the Breast Implant Case*, was published in June, 1996, by W. W. Norton & Company. Her most recent book is *The Truth About the Drug Companies: How They Deceive Us and What to Do About It*, published in August, 2004, by Random House. In addition, Dr. Angell is co-author, with Dr. Stanley Robbins and, later, Dr. Vinay Kumar, of the first three editions of the textbook, *Basic Pathology*. She also has written chapters in several books dealing with ethical issues.

Dr. Angell is a member of the Association of American Physicians, the Institute of Medicine of the National Academy of the Sciences, the Alpha Omega Alpha National Honor Medical Society, and is a Master of the American College of Physicians and a Fellow of the American Association for the Advancement of Science. In 1997, *Time* magazine named Marcia Angell one of the 25 most influential Americans.



Norman S. Schachar, MD, FRCSC, Orthopaedic Educator

The Orthopaedic Educator, Continuous Lifelong Learning and Our National Specialty Society: An Educational Imperative

Dr. Norman S. Schachar graduated from the University of Toronto in 1970 and headed west to see first hand the Calgary Stampede and watch the Stampeders whip the Edmonton Eskimos. He entered the newly accredited orthopaedic program at the University of Calgary under Dr. Glen Edwards in the first year of its existence. Following his RCPSC Fellowship exams, he embarked upon a two-year

MRC Fellowship at the Massachusetts General Hospital under Dr. Henry J. Mankin, which included basic science research and an undergraduate teaching assistantship at Harvard University. Dr. Schachar was Dr. Mankin's first Canadian tumor Fellow and he helped organize the inaugural meeting of the Musculoskeletal Tumor Society in Boston in 1977.

In 1978, Dr. Schachar became the first full-time geographic orthopaedic surgeon at the University of Calgary as Head of the Orthopaedic Teaching Unit of the Calgary General Hospital. Initially, undergrads and then residents rotated through this popular rotation.

Dr. Schachar has held competitive MRC/CIHR research funding for basic science research into articular cartilage, cryopreservation for joint transplantation from 1979 to 2006 with several accomplished collaborators and has presented his work to the orthopaedic research community. He served as President of the Canadian Orthopaedic Research Society in 1988. His CV includes over 200 papers and abstracts and book chapters.

His first passion though, has always been education at all levels. He has been an active contributor to undergraduate education in his faculty and has served as Chair of the University of Calgary Medical Curriculum Committee and a member of the Student Academic Review Committee. He has co-chaired the Orthopaedic Residency Training Committee and is now Director of Bone and Joint Health Education, overseeing undergraduate, postgraduate and continuing medical education in the Division of Orthopaedic Surgery. Dr. Schachar is also Chair of the Office of Surgical Education for the Department of Surgery. He has served on the University of Calgary General Faculties Council, the Senate, and the Board of Governors.

Dr. Schachar has served the Alberta Medical Society on the Representatives Forum and still sits on the College of Physicians and Surgeons of Alberta Physician Achievement Review Committee which oversees physician performance reviews mandated by the College. He has served two terms on the Royal College of Physicians and Surgeons Accreditation Committee; his expertise in postgraduate training has enabled him to serve on, co-chair, and chair several RCPS postgraduate accreditation visits across Canada. He has served the COA on the Continuing Education Committee, the Royal College Nucleus Committee and the Executive Committee. He says he most treasured his two terms as COA representative to the Board of Councilors of the American Academy of Orthopaedic Surgeons.

He has recently been appointed Assistant Dean of Continuing Medical Education and Professional Development for the U of C, Faculty of Medicine with his focus on advancing CME within specialty medicine. Norm has asked to address us on the topic: Orthopaedic Educators, Continuous Lifelong Learning and Our National Specialty Society: an Educational Imperative.



Barry Lane, Historian

Barry Lane is a co-founder of Canadian Cultural Landscapes, a company dedicated to the planning and organizing of educational tour packages, for American alumni groups traveling to Canada and the northeastern United States. Clients include Stanford University, Washington and Lee University, UCLA, and organizations such as the Smithsonian, and the National Trust for the Preservation of Historic Architecture. The company has been in operation since 1983.

Barry leads and lectures to many of these travel groups and is renowned for his ability to bring history alive for groups of all walks of life. Having created over 80 different PowerPoint presentations on the history of Canada, Québec, and the United States, Barry has a unique perspective on both countries, and is often called upon to explain Canadian life and issues to Americans traveling to Canada.

Barry Lane was born in Regina, Saskatchewan, and studied Canadian history at the Royal Military College of Canada in Kingston, Ontario. He later served as a commissioned officer in the Canadian Army, and was attached in 1977-78, to the United Nations Emergency Force, Sinai, at its headquarters on the Suez Canal in Egypt. In 1982, he received a second degree from Laval University in Québec City. In Paris, in 1991, he was awarded the Antoine de Saint-Exupéry prize for his book, *Ce jour-là en Nouvelle-France*. This award is given to the author of the best children's book published in the French language, outside of France.

PROGRAM-AT-A-GLANCE

WEDNESDAY, JUNE 4, 2008
9:00am–8:00pm Registration Open LE BILLETÉRIE
5:30pm–7:00pm AOA/COA Combined Opening Ceremony ROOM 200AB
7:00pm–8:30pm AOA/COA Combined Presidents' Reception EXHIBIT HALL 400A
THURSDAY, JUNE 5, 2008
6:00am–5:30pm Registration Open LE BILLETÉRIE
8:00am–11:00am Guest Hospitality Open SOLARIUM
8:00am–9:00am Breakfast/Poster Viewing EXHIBIT HALL 400A
6:45am–8:15am Instructional Course Lectures (concurrent sessions) ICL 1: Trauma Upper Extremity (Case-Based) • 303A ICL 2: Arthroplasty: Case-based Difficult Primary and Revision Total Hip Arthroplasty • 303B ICL 3: Sports Medicine: Controversies in Treating the Throwing Athlete – a Case-based Approach • 301A ICL 4: Foot and Ankle: Hindfoot Arthritis • 302B ICL 5: Spine: Management of the Spine in the Multiple Trauma Patients • 302A
6:45am–8:15am CORS Symposium: Articular Cartilage Repair: from Bench to Bedside to Books 301B
6:45am–8:15am New and Prospective Chair Networking Breakfast 304AB
8:00am–5:30pm Exhibits Open EXHIBIT HALL 400A

THURSDAY, JUNE 5, 2008
8:30am–10:00am Symposium 1: A Single vs. Multiple Payer Health Care System ROOM 200AB
10:05am–11:05am AOA Business Meeting ROOM 200AB
10:15am–11:05am COA Business Meeting ROOM 301A
10:05am–11:05am Concurrent paper sessions CORS Bone, Ligament and Tendon • 303B CORS Joints and Arthritis • 303A
11:05am–12:35pm Symposium 2: Orthopaedic Education: Are We Attracting the Best and Brightest? ROOM 200AB
12:35pm–12:45pm J A Nutter Award Presentation ROOM 200AB
12:40pm–1:30pm Lunch/Exhibits EXHIBIT HALL 400A
12:45pm–2:45pm Program Directors & Department Chairs Forum: Of Course I Am a Mentor – or Am I? ROOM 304AB
1:30pm–3:00pm Concurrent paper sessions Hip Reconstruction I • 303A Trauma I • 301A Upper Extremity Sports • 301B Pediatrics I • 302A Knee Reconstruction (AOA/COA/CORS Combined II) • 303B CORS Arthroplasty • 302B
3:05pm–4:35pm Symposium 3: Orthopaedics in 2020: Predictors of Musculoskeletal Needs ROOM 200AB
4:35pm–5:05pm R.I. Harris Memorial Lecture: The Orthopaedic Educator, Continuous Lifelong Learning and Our National Specialty Society: An Educational Imperative ROOM 200AB Norman S. Schachar, MD, FRCS

THURSDAY, JUNE 5, 2008
5:05pm–5:15pm Health Break EXHIBIT HALL 400A
5:15pm–6:15pm Concurrent paper sessions Hip Reconstruction II • 303A Trauma II • 301A Sports Medicine Knee • 301B Foot and Ankle • 302A Knee Reconstruction (AOA/COA/CORS Combined II) • 303B Mixed Session • 302B
FRIDAY, JUNE 6, 2008
6:00am–5:00pm Registration Open LE BILLETÉRIE
8:00am–11:00am Guest Hospitality Open SOLARIUM
8:00am–9:00am Breakfast/Poster Viewing EXHIBIT HALL 400A
6:45am–8:15am Instructional Course Lectures (concurrent sessions) ICL 6: Trauma Foot and Ankle • 303A ICL 7: Arthroplasty: Update on Trends in Hip and Knee Arthroplasty • 303B ICL 8: Sports Medicine: Controversies in Managing the ACL-injured Patient: A Case-based Approach • 302B ICL 9: Pediatrics: Managing Complex Pediatric Lower Extremity Fractures • 301B ICL 10: Elbow Trauma: What's New? • 301A ICL 11: Common Oncologic Mishaps: How to Avoid them in General Practice • 302A
8:00am–3:00pm Exhibits Open EXHIBIT HALL 400A
8:30am–10:00am Symposium 4: Patient Safety in North America: Beyond Operate Through Your Initials and Sign Your Site ROOM 200AB


FRIDAY, JUNE 6, 2008
10:00am–11:00am Presidential Guest Lecture: Health Care: A Tale of Two Countries Marcia Angell, MD, MACP ROOM 200AB
11:00am–12:15pm AOA & COA Presidential Installations ROOM 200AB
12:15pm–1:00pm Lunch/Exhibits EXHIBIT HALL 400A
12:15pm–2:30pm Women in Orthopaedics Fifth Annual Luncheon BEAUPORT ROOM, HILTON QUÉBEC
1:00pm–2:30pm Concurrent paper sessions Knee Reconstruction I • 303B Trauma III • ROOM 301A Spine I • 302B Hip Reconstruction III • 303A Critical Issues • 302A Upper Extremity • 301B
2:30pm–2:45pm Health Break EXHIBIT HALL 400A
2:45pm–4:15pm Tips and Tricks Video Sessions 1: Fractures of the Lower Leg • 301A 2: Arthroplasty • 303B 3: Sports Medicine Tips and Tricks • 303A 4: Foot & Ankle: I Want to Learn! • 301B 5: Surgical Treatment of Spinal Deformity: State of the Art from Birth to the Grave • 302A 6: Shoulder and Elbow • 302B
4:15pm–5:30pm Program Director Networking Reception SOLARIUM
4:30pm–5:30pm Concurrent paper sessions Knee Reconstruction II • 303B Sports Medicine Hip • 303A Tumor • 302A Pediatrics II • 302B Spine II • 301A Hand/Wrist • 301B
6:30pm A Night at the Museum (ticketed event) MUSÉE NATIONAL DES BEAUX ARTS

PROGRAM-AT-A-GLANCE

SATURDAY, JUNE 7, 2008
6:30am-9:30am Registration Open BILLETIERIE
8:00am-11:00am Guest Hospitality Open SOLARIUM
7:00am-8:30am Instructional Course Lectures (concurrent) ICL 12: Hip Trauma • 301A ICL 13: Arthroplasty: Case-based Difficult Primary and Revision Total Knee Arthroplasty • 303B ICL 14: Sports Medicine: Controversies in Managing Patients with Rotator Cuff and Biceps Disease: A Case-based Approach • 303A ICL 15: Foot and Ankle Trauma: Evidence-based Treatment • 301B ICL 16: Spine: Subspecialty Spine Education in Orthopaedics: What and How to Teach Spine to Orthopaedic Residents • 302B ICL 17: Hand • 302A
8:45am-10:15am Symposium 5: Obesity in North America: How the Epidemic Affects Orthopaedic Care ROOM 200AB
10:15am-11:45am Symposium 6: Evidence-based Approach to Bringing New Orthopaedic Devices to Market ROOM 200AB



SOCIAL/TOURS & ACTIVITIES AT-A-GLANCE



WEDNESDAY, JUNE 4
11:00am tee off (shotgun start) GOLF TOURNAMENT
THURSDAY, JUNE 5
9:00am-12:00pm COOKING CLASS WITH JEAN SOULARD AND THE CHÂTEAU FRONTENAC'S BEST-KEPT SECRETS
1:00pm-4:00pm HISTORIC AND MODERN QUÉBEC
FRIDAY, JUNE 6
8:30am-11:30am TEA, CONFERENCE AND SHOPPING AT HOLT RENFREW
1:00pm-5:00pm THE BEAUPRÉ COAST AND - MONTMORENCY FALLS
7:00pm NIGHT AT THE MUSEUM (6:30pm shuttles begin from Convention Centre and Château Frontenac)



Hi Hip Hooray!

Celebrate Your Mobility

Walk with us!

The **Canadian Orthopaedic Foundation**, through the proceeds from its signature fundraising program *Hip Hip Hooray!*, is proud to have awarded the following research grants in 2007:


ROBERT B. SALTER AWARD:
Michael Monument

CARROLL A. LAURIN AWARD:
Jeffrey Gollish

ALEXANDRA KIRKLEY YOUNG INVESTIGATOR AWARD:
George Athwal

Read the fall issue of the COA Bulletin for
the Canadian Orthopaedic Foundation's 2008 award winners.

The Canadian Orthopaedic Foundation is a registered charity and invests a portion of the proceeds from Hip Hip Hooray! to local care delivery improvements and basic and clinical orthopaedic research in Canada. Please visit www.canorth.org for more information on the annual research grant process and application deadlines.




Canadian
Orthopaedic
Foundation

www.hiphiphooray.org

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SPECIAL PROGRAMMING FOR DEPARTMENT CHAIRS AND PROGRAM DIRECTORS

A key component of AOA Annual Meetings has been advancing academic orthopaedic education through special programming for Department Chairs and Program Directors. This year with the AOA/COA Combined Meeting this special area of emphasis will continue with the New Chair Networking Breakfast and the Program Directors/Department Chair Forum, two special Annual Meeting sessions offering Academic Leaders the opportunity to exchange ideas with the community of their peers and to engage in timely and relevant informational sessions.

All Department Chairs are encouraged to attend both sessions and all Program Directors and Faculty are encouraged to attend the Forum on Thursday, June 5th.

THURSDAY, JUNE 5, 2008

6:45am–8:15am **New and Prospective Chair Networking Breakfast**

Hear from Department Chairs about the key issues facing Chairs today, as well as have an opportunity to exchange common questions about being a Chair and discuss recommended solutions from individuals with tenure in these positions.

Moderator: Michael A. Simon, MD; Chicago, IL

12:45pm–2:45pm **Program Director/Department Chair Forum: “Of Course I am a Mentor... or am I?”**

Moderator: Terrance D. Peabody, MD; Chicago, IL

In this combined meeting of Program Directors and Department Chairs, Dr. Terrance D. Peabody, chair of the AOA Academic Leadership Committee; will address various factors which can affect mentoring and will identify specific techniques which should be used when mentoring an individual. Additionally, various strategies will be discussed regarding faculty development.

Panelists:

Shepard R. Hurwitz, MD; Executive Director, American Board of Orthopaedic Surgery; Chapel Hill, NC
ABOS Update

Steven P. Nestler, PhD; Accreditation Council for Graduate Medical Education; Chicago, IL
ACGME/RRC Update

Vincent D. Pellegrini, Jr., MD, James L. Kernan Professor & Chair, University of Maryland School of Medicine; Baltimore, MD
Barriers to Mentorship

Laura Forese, MD, Senior Vice President, Chief Medical Officer and Chief Operating Officer, New York Presbyterian/Weill Cornell, New York, NY
Style Counts! Tips and Techniques for Mentorship

Mathias P. G. Bostrom, MD, Professor, Weill Medical College of Cornell University, Associate Attending Orthopaedic Surgeon, Hospital for Special Surgery, New York, NY
A Roadmap for Faculty Development

6TH ANNUAL AOA-OREF-ZIMMER RESIDENT LEADERSHIP FORUM

June 3-5, 2008 • Québec City, Québec
Program Chair: Kevin Garvin, MD

TUESDAY, JUNE 3, 2008

11:00am–12:00pm **Registration** • HILTON BALLROOM FOYER
Lunch • ST. LOUIS ROOM

12:00pm–12:15pm **Opening Remarks** • PORTE DU PALAIS
Peter Stern, MD, president,
American Orthopaedic Association

12:15pm–1:45pm **Responding to Crisis: Converting Challenges into Opportunities** • PORTE DU PALAIS
Daniel Diermeier, PhD, Kellogg School of Management

1:45pm–2:00pm **Break**

2:00pm–3:30pm **Responding to Crisis – continued** • PORTE DU PALAIS

3:30pm–3:45pm **Break**

3:45pm–3:55pm **Resident Leadership Forum Welcome** • PORTE DU PALAIS
Kevin Garvin, MD, chair,
Resident Leadership Forum Committee

3:55pm–5:40pm **Leading from Within** • PORTE DU PALAIS
John Busacker, The Inventure Group

6:00pm–8:00pm **Reception** • PANORAMA PLAINES

9:00pm–11:00pm **COA/AOA Reception** • CHARLOTTE LOUNGE

WEDNESDAY, JUNE 4, 2008

7:30am–10:30am **Crucial Conversations** • PORTE DU PALAIS
Emily Moss, MD, VitalSmarts, Inc.

10:30am–10:45am **Break**

10:45am–11:45am **Art of Effective Communications in Decision Making**
• PORTE DU PALAIS
Paul Lisnek, JD, PhD

11:45am–12:15pm **Discussion**

12:15pm–1:00pm **Lunch** • ST. LOUIS ROOM

How to Get your Paper Published
Jim Heckman, MD

WEDNESDAY, JUNE 4, 2008 CONTINUED

- 1:15pm-4:30pm **Role Modeling and Mentorship: The Impact on Your Career** • PORTE DU PALAIS
Paul Lisnek, JD, PhD, *Moderator*
Speakers: Paul DeRosa, MD and Vincent Pellegrini, MD
- 2:45pm-3:00pm Break
- 3:45pm-4:30pm **Discussion**
- 4:30pm-4:45pm **Emerging Leaders Presentation/Wrap Up**
• PORTE DU PALAIS
- 5:30pm-7:00pm **AOA/COA Opening Ceremony**
• QUÉBEC CITY CONVENTION CENTRE ROOM 200 AB
- 7:00pm-8:30pm **Presidents' Welcome Reception**
• QUÉBEC CITY CONVENTION CENTRE EXHIBIT HALL 400A

THURSDAY, JUNE 5, 2008

- 6:30am-8:30am Breakfast Service
• QUÉBEC CITY CONVENTION CENTRE EXHIBIT HALL 400A
- 6:45am-8:15am **Instructional Course Lectures**
• QUÉBEC CITY CONVENTION CENTRE VARIOUS ROOMS
- 8:30am-10:00AM **Combined Meeting Symposium**
• QUÉBEC CITY CONVENTION CENTRE ROOM 200 AB

Conclusion of the 6TH Annual AOA-OREF-Zimmer Resident Leaders Forum**Resident Leadership Forum Committee**

Kevin L. Garvin, MD, chair
Kevin P. Black, MD
William N. Levine, MD
Christopher D. Harner, MD
Alan S. Hilibrand, MD
Theodore Miclau, III, MD

AOA-OREF-Zimmer Resident Leadership Forum Nominees

The AOA-OREF-Zimmer Resident Leadership Forum identifies PGY4 residents as young orthopaedic leaders by recognizing their accomplishments to date and by giving them an opportunity to further develop their leadership skills. This two-day event introduces the concept of leadership to young orthopaedists and asks them to think critically about leadership and how they can apply it to the specialty. Attendees leave the course with a new sense of responsibility to the orthopaedic community and access to a Community of Leaders.

Department chairs and/or program directors are charged to take advantage of their unique position to identify the future leaders of the specialty by selecting a single resident from their program to attend the Forum. The resident can complete the application, however the chairman/director is asked to submit the application online at <http://www.aoassn.org/LeadershipAcademicResidentForum.asp>.

The deadline for the 2009 Resident Leadership Forum is December 5, 2008.

Congratulations to the AOA-OREF-Zimmer Resident Leadership Forum Nominees:

Scott M. Abraham, MD; University of Tennessee-Campbell Clinic	Louise Reid Boyce, MD; Maimonides Medical Center
Brent D. Adams, MD; University of Kansas Som-Wichita	*Christopher Brown, MD; University of Ottawa
Jason Ahuero, MD; University of Alabama- Birmingham	James A. Browne, MD; Duke University Medical Center
*Mir H. Ali, MD, PhD; Mayo Clinic	Travis Carter Burns, MD; Brooke Army Medical Center
Marshal S. Armitage, MD; University of Florida-Jacksonville	R. Bryan Butler, MD; University of Maryland
Terry L. Arrington, MD; University of Tennessee College of Medicine	Jill L. Caplan, MD; George Washington University
Hisham Awan, MD; The Ohio State University	Michael Caravelli, MD; Northwestern University Feinberg School of Medicine
Joseph Barker, MD; Hospital for Special Surgery	*Samuel Kang-Wook Cho, MD; New York Presbyterian Hospital-Columbia
Eric Bava, MD; Univeristy of Southern California	
Matthew Dean Beal, MD; University of Chicago	

**AAOS Clinician Scientist Attendees*

AOA-OREF-ZIMMER RESIDENT LEADERSHIP FORUM

Jason C. Clark, MD; University of Florida	Sumeet Garg, MD; Washington University
Chad S. Conner, MD; University of Texas Medical Branch	Marie Gdalevitch, MD; McGill University
Nicholas Cook, MD; William Beaumont Hospital	Corey Gilbert, MD; Howard University Hospital
*John Cooper, MD; Lenox Hill Hospital	Brian Giordano, MD; University of Rochester
Michael Cox, MD; Tulane Medical School	Ericka Glass, MD; Summa Health System
William Wood Cross, III, MD; University of Minnesota	Michael P. Glotzbecker, MD; Harvard Combined Orthopaedic Program
Anna Cuomo, MD; University of California- Los Angeles	Raymond Golish, MD, PhD; University of Virginia
Darin Davidson, MD; University of British Columbia	Joseph S. Gondusky, MD; Naval Medical Center- San Diego
Damien I. Davis, MD; St. Lukes Roosevelt Hospital	Mike Greiwe, MD; University of Cincinnati
Douglas Dennis, Jr., MD; University of California-Davis	Uel Hansen, MD; William Beaumont Army Medical Center
Shaunak Desai, MD; Henry Ford Hospital	Chad Hanson, MD; UT Southwestern Medical Center
Christopher Lawrence Dillingham, MD; Greenville Hospital System	Damion M. Harris, MD; Southern Illinois University
Christopher Dodson, MD; Hospital for Special Surgery	*Melvin Helgeson, MD; Walter Reed Army Medical Center
Tucker Andrew Drury, MD; University of Vermont	*Carolyn Hettrich, MD; Hospital for Special Surgery
Mark L. Dumonski, MD; Rush University Medical Center	*Michael Horan, MD; University of Kentucky
Thomas Duquin, MD; SUNY- Buffalo	Rebel R. Huffman, MD; University of South Alabama
J. Kent Ellington, MD; Carolinas Medical Center	Karl M. Koenig, MD, MS; Dartmouth Hitchcock Medical Center
Cynthia L. Emory, MD; Wake Forest University	William J. Kurtz, MD; Akron General Medical Center
Joseph Fazalare, MD; Hamot Medical Center	*Michael S. Kwon, MD; University of Virginia
Jared Foran, MD; University of California- San Diego	Janie Lamontagne, MD; Universite De Sherbrooke

AOA-OREF-ZIMMER RESIDENT LEADERSHIP FORUM

A Noelle Larson, MD; Mayo Clinic	*Patrick W. O'Donnell, MD, PhD; University of Minnesota
Jonathan Lee, MD; New York Presbyterian Hospital-Columbia	*Aaron Omotola, MD; Louisiana State University Health Sciences Center
Jonathan Lee, MD; New York Presbyterian Hospital-Columbia	*Nirav K. Pandya, MD; Hospital of the University of Pennsylvania
Nicky Leung, MD; Tufts New England Medical Center	*Daniel K. Park, MD; Rush University
Jason A. Lowe, MD; University Hospital	Priyesh Patel, MD; Boston University Medical Center
Brian J. Ludwig, MD; University of Wisconsin	Jayesh K. Patel, MD; University of Kentucky
Kris Lundine, MD; University of Calgary	Praveen C. Perni, MD; Grand Rapids Orthopaedics
Rajshri Maheshwari, MD; University of Washington	*Frank Petrigliano, MD; University of California-Los Angeles
Vincent Masse, MD; University of Montreal	Christopher Ian Phelps, MD; University of Texas Medical School
Craig S. Mauro, MD; University of Pittsburgh	*Stephan G. Pill, MD, MSPT; Hospital of the University of Pennsylvania
Christopher M. McAndrew, MD; University Hospitals Case Medical Center	Gregory G. Polkowski, MD; Vanderbilt Orthopaedic Institute
*Candice O. McDaniel, MD; Virginia Commonwealth University	Stephan Lee Pro; Oregon Health and Science University
Jessica C. McMichael, MD; Saint Louis University	Kristen E. Radcliff, MD; Baylor College of Medicine
Erika M. McPhee, MD; University of Massachusetts Medical School	Ryan Reardon, MD; John Peter Smith Hospital
Chad J. Micucci, MD; Allegheny General Orthopaedics	William M. Reisman, MD; Emory Orthopedics
David Mikolyzk, MD; Loyola University Medical Center	Bill Ristevski, MD, MSc; University of Toronto
James M. Mok, MD; University of California, San Francisco	David E. Ruchelsman, MD; NYU Hospital for Joint Diseases
Corey O. Montgomery, MD; University of Arkansas	Michael Salata, MD; University of Michigan
Teresa Mosqueda, MD; University of Iowa	Walter Samora, MD; West Virginia University
Ryan Naujoks, MD; University of Connecticut	Paul R. Sensiba, MD; Wright State University

*AAOS Clinician Scientist Attendees

AOA-OREF-ZIMMER RESIDENT LEADERSHIP FORUM

- Erik Severson, MD; University of Utah
*Michael K. Shindle, MD; Hospital for Special Surgery
Karl D. Shively, MD; Indiana University School of Medicine
Justin C. Siebler, MD; Nebraska Medical Center
*Gerard Slobogean, MD; University of British Columbia
L. Ryan Smart, MD; Yale University School of Medicine
Michael B. Tilley, MD; University of Kansas Medical Center
Eugene A. Toney, MD; Penn State Milton S. Hershey Medical Center
Krishna Tripuraneni, MD; University of New Mexico
- Todd F. VanderHeiden, MD; University of Colorado
Nicholas P. Webber, MD; University of Arizona
Brock Wentz, MD; Truman Medical Center
Scott Wotherspoon, MD; St. Joseph's Health Centre
Pavel Yufit, MD; New York Medical College
John A. Zavala, MD; Georgetown University Hospital
Jeremy P. Zebroski, MD; Medical College of Wisconsin
Julie Ann Zielinski, MD; McLaren Regional Medical Center

*AAOS Clinician Scientist Attendees

EMERGING LEADERS FORUM

Sponsored in part by an unrestricted educational grant from Medtronic's Spinal and Biologics business

June 3-5, 2008 • Québec City, Québec

Program Co-Chairs: Frank J. Eismont, MD and Scott D. Boden, MD

TUESDAY, JUNE 3, 2008

- 11:00am–12:00pm **Registration** • HILTON – BALLROOM FOYER
11:00am–11:45am **Lunch** • ST. LOUIS ROOM
12:00pm–12:15pm **Opening Remarks** • PORTE DU PALAIS
12:15pm–1:45pm **Responding to Crisis: Converting Challenges into Opportunities** • PORTE DU PALAIS
Daniel Diermeier, PhD
1:45pm–2:00pm Break
2:00pm–3:30pm **Responding to Crisis**, continued • PORTE DU PALAIS
Daniel Diermeier, PhD
3:30pm–4:00pm Break
4:00pm–4:10pm **Emerging Leaders Welcome**
4:10pm – 5:30pm **Career Development and Analysis for the Young Orthopaedic Surgeon** • KENT ROOM
Kevin P. Black, MD
Stephen J. Pinney, MD
Edmund R. Campion, MD
John F. Sarwark, MD
6:00pm–8:00pm **Emerging Leaders Forum Reception** • LE VILLERAY

WEDNESDAY, JUNE 4, 2008

- 6:45am–7:30am **Breakfast Service** • KENT ROOM
7:30am–9:00am **Career Analysis**, continued • KENT ROOM
Discussion/Round Tables
9:00am–9:15am Break
9:15am–10:45am **Leading Others** • KENT ROOM
John Busacker, The Inventure Group
10:45am–11:00am Break
11:00am–12:30pm **The Ethical Management of a Surgeon-Industry Relationship** • KENT ROOM
Thomas A. Zdeblick, MD

EMERGING LEADERS FORUM

WEDNESDAY, JUNE 4, 2008 CONTINUED

- 12:30pm–1:15pm Lunch
- 1:30pm–2:45pm **Crucial Conversations** • KENT ROOM
Emily Moss, MD, VitalSmarts, Inc.
- 2:45pm–3:00pm Break
- 3:00pm–4:30pm **Crucial Conversations**, continued • KENT ROOM
- 4:30pm–4:45pm **Wrap Up/Adjourn**
- 5:30pm–7:00pm **Opening Ceremony of the 121st AOA Annual Meeting**
• QUÉBEC CITY CONVENTION CENTRE 200AB
- 7:00pm–8:30pm **President's Welcome Reception**
• QUÉBEC CITY CONVENTION CENTRE EXHIBIT HALL 400A
Past, Current and Future Leaders of Orthopaedics

THURSDAY, JUNE 5, 2008

- 6:30am–8:30am Breakfast Service
• QUÉBEC CITY CONVENTION CENTRE EXHIBIT HALL 400A
- 6:45am–8:15am **Instructional Course Lectures**
• QUÉBEC CITY CONVENTION CENTRE VARIOUS ROOMS
- 8:30am–10:00am Combined Meeting Symposium
• QUÉBEC CITY CONVENTION CENTRE 200AB

Conclusion of the 2nd Annual Emerging Leaders Forum

Emerging Leaders Program Committee

Frank J. Eismont, MD, chair
Scott D. Boden, MD
Stephen P. England, MD, MPH
Alexander J. Ghanayem, MD
Keith Kenter, MD
Howard A. King, MD
Donald H. Lee, MD
Rick W. Wright, MD
Samir Mehta, MD

The AOA Seeks Emerging Leaders Program Participants

Do you know a young and aspiring leader that would benefit from the Emerging Leaders Program? Support an Emerging Leaders by recommending them for this program. Additional information about the program can be obtained by contacting the AOA at 847.318.7330, or e-mail: info@aoassn.org. Benefits are also detailed on the website at www.aoassn.org.

SPOUSE/GUEST PROGRAM **all prices are in Canadian dollars*

SPOUSE/GUEST HOSPITALITY SUITE

Join your friends and colleagues in the Hospitality Suite, available to registered spouses and guests in the Québec City Convention Centre Solarium from 8:00am to 11:00am Thursday, June 5 through Saturday, June 7. Coffee and continental breakfast will be included. Local assistance will also be available through the mobile Concierge and Tourism Information desk located near the registration area.

ACTIVITIES AND TOURS

Registration is available on-site, but space is limited for each activity. Please visit the registration desk on the 4th floor near the main entrance of the convention centre. All tours depart from the main door of the convention centre.

COOKING CLASS WITH JEAN SOULARD AND THE CHÂTEAU FRONTENAC'S BEST-KEPT SECRETS

Thursday, June 5 • 9:00am–12:00pm

Cost: \$121/registered guest, \$136/non-registered guest

This program will allow participants to uncover some of the Château Frontenac's best-kept secrets: those of its famous visitors as well as those in the kitchen! First, the internationally renowned chef of the Château Frontenac, Jean Soulard, will reveal some of his secrets and specialities during an exclusive cooking lesson. His main goal is to help guests discover the incredible local products that are available at the market and to demonstrate how cooking can be simple, yet sophisticated and remarkable. Following the presentation, participants will tour the historic hotel, accompanied by official guides in period costumes. They will be taken to exclusive areas of the building while guides reveal stories and anecdotes about famous visitors and events that were held there in the past century.

HISTORIC AND MODERN QUÉBEC

Thursday, June 5 • 1:00pm–4:00pm

Cost: \$57/registered guest, \$72/non-registered guest

Visit the only walled city in North America. Fine old buildings and proud monuments line winding streets, picturesque lanes and public places, including the National Assembly and Parliament Hill, the Battlefields Park, the Citadel and the walls surrounding the old city, *Notre-Dame-de-Québec* basilica and Place d'Armes. A stop will be made at *Place Royale*, the cradle of French civilization in North America. It is the heart of the old Lower Town along the riverfront and represents the greatest concentration of 17th and 18th Century buildings in North America. This area is also the site of the Old Port and Petit-Champlain district with its boutiques and art galleries. Several stops will be made along the way in order to admire the different sites and enjoy a bit of walking. This tour includes a guided sightseeing tour of Historic Québec by motorcoach and a walking tour of Place Royale and the area.

TEA, CONFERENCE AND SHOPPING AT HOLT RENFREW

Friday, June 6 • 8:30am–11:30am

Cost: \$75/registered guest, \$90/non-registered guest

Today, Holt's is an internationally renowned speciality store. It is the headquarters for such designer names as Donna Karan, Jil Sander, Canali and Giorgio Armani, as well as the source for world-class cosmetics and fragrances from such prestigious names as Sisley and Paris. Holt Renfrew is proud to honor its legacy as Canada's leading national fashion speciality store for men and women, while looking forward to meeting the challenges of the future. Upon arrival, the group will enjoy a tea service while viewing a fashion parade reflecting the latest women's style, followed by tips on cosmetics, make-up and skin care. After the conference, guests will have time to discover the outstanding collections by leading fashion designers as well as perfume, cosmetics, lingerie, shoes, accessories, etc. Tour includes transportation by motorcoach.

THE BEAUPRÉ COAST AND MONTMORENCY FALLS

Friday, June 6 • 1:00pm–5:00pm

Cost: \$59/registered guest, \$74/non-registered guest

Discover Québec City's countryside as we travel through small historical villages overlooking the St. Lawrence River. As we ride along the 40 kilometers of *Avenue Royale* leading to Sainte-Anne-de-Beaupré, we will pass through the many traditional villages of rural Québec. In Sainte-Anne-de-Beaupré, we will be given time to visit the world-famous shrine. Our guide will lead us through the basilica and explain its history and wonderful architecture. Along the way, we will be introduced to some of French Canada's most popular legends when we visit the Alphonse Paré wood sculpture gallery. Our tour will also include a stop at the Albert Gilles' copper shop with its display of 50 handwrought silver panels depicting the story of the life of Christ. Our final stop will be at the Parc de la Chute Montmorency to admire Montmorency Falls, a natural waterfall 1.5 times higher than Niagara Falls. This tour includes transportation by motorcoach.



GOLF TOURNAMENT

Wednesday, June 4

11:00am tee off (shotgun start)

Registration: \$200/player

The 2008 Annual Meeting Golf Tournament is taking place at the beautiful Alpin Golf Club, a par 72 course featuring the hallmarks of Québec golf, including unforgettable scenery, wild ducks and the occasional visit from a

falcon! Proceeds will benefit the AOA's Orthopaedic Research and Education Fund and the Canadian Orthopaedic Foundation.

Registration fee includes green fees, cart, lunch, prizes and 2-way coach transportation from the designated Annual Meeting hotels to the course. Please visit the registration counter for more details, but we cannot guarantee availability on-site.

** *Tournament will take place rain or shine and no refunds will be given.*



Night at the Museum

Friday, June 6 • 7:00pm

(6:30pm shuttles begin from Convention Centre and Château Frontenac)

April 24 or later: \$150 for Attendees/\$160 for Exhibitors

The *Musée National des Beaux-Arts* is located in the heart of Québec City in the magnificent

Battlefields Park, overlooking the Saint-Lawrence River. It opened its doors in 1933 and has now been expanded to three linked pavilions reuniting the old prison and the original pavilion. Together, they constitute an architectural "tour de force". Food and beverages will be served in the lovely panoramic terrace of The Grand Hall, crowned with criss-cross skylights expressing the modernism of the *Musée*.

Your ticket includes roundtrip shuttle transportation, exclusive access to the *Musée*, musical entertainment, hors-d'oeuvres and a buffet dinner featuring Québec specialties. Two local exhibitions will be open especially for this magnificent event, including the 400th anniversary exhibit from the Louvres museum in Paris, as well as the winding stairs up to the historic prison section. Please visit the registration counter for more details and bring your tickets with you to the event.

Shuttle service will be provided back to the Convention Centre and Château Frontenac.

** *We cannot guarantee availability of tickets on-site.*



Presented in part by Ossur Canada.

ANNUAL MEETING AGENDA

WEDNESDAY, JUNE 4, 2008

- 9:00am–8:00pm Registration Open • LE BILLETÉRIE
- 5:30pm–7:00pm AOA/COA Combined Opening Ceremony • ROOM 200AB
- 7:00pm–8:30pm AOA/COA Combined Presidents' Reception
• EXHIBIT HALL 400A

THURSDAY, JUNE 5, 2008

- 6:00am–5:30pm Registration Open • LE BILLETÉRIE
- 8:00am–11:00am Guest Hospitality Open • SOLARIUM
- 8:00am–9:00am Breakfast/Poster Viewing • EXHIBIT HALL 400A
- 6:45am–8:15am Instructional Course Lectures (concurrent sessions)
- 6:45am–8:15am ICL 1: Trauma Upper Extremity (Case-Based) • 303A

Moderator: Michael D. McKee, MD, FRCSC; Toronto, ON
David Ring, MD; Boston, MA
Graham J. W. King, MD, MSc, FRCSC; London, ON
David Ruch, MD; Durham, NC
Edward J. Harvey, MD, FRCSC; Montreal, QC

6:45am–8:15am ICL 2: Arthroplasty: Case-based Difficult Primary and Revision Total Hip Arthroplasty • 303B

Moderator: Daniel J. Berry, MD; Rochester, MN

Eric Bohm, MD, MSc, FRCSC; Winnipeg, MB
Bas A. Masri, MD, FRCSC; Vancouver, BC
Vincent D. Pellegrini, Jr., MD; Baltimore, MD
John J. Callaghan, MD; Iowa City, IA

Unrestricted educational grant provided by: DePuy Canada

6:45am–8:15am ICL 3: Sports Medicine: Controversies in Treating the Throwing Athlete – a Case-based Approach • 301A

Moderator: Mario R. Taillon, MD, FRCSC; Saskatoon, SK
James R. Andrews, MD, PC; Birmingham, AL
Anthony Miniaci, MD; Cleveland, OH
Ian K. Y. Lo, MD, FRCSC; Calgary, AB
Frédéric Balg, MD, FRCSC; Sherbrooke, QC

6:45am–8:15am ICL 4: Foot and Ankle: Hindfoot Arthritis • 302B

Moderator: Timothy R. Daniels, MD, FRCSC; Toronto, ON

Basic Science of Hindfoot Arthritis
Sheldon Lin, MD; Newark NJ

ANNUAL MEETING AGENDA

*Joint Sparing Procedures for Treatment of Endstage Ankle Arthritis:
Joint Distraction and Osteotomies*
Bruce Sangeorzan, MD; Seattle, WA

Arthroscopic Treatment for Hindfoot Arthritis
Alastair S. E. Younger, MD, FRCSC; Vancouver, BC

Role of Biologic Agents in Hindfoot Fusions
John T. C. Lau, MD, MSc, FRCSC; Toronto, ON

Treatment of Ankle Arthritis with Ipsilateral Deformity and Periarticular Arthritis
Timothy R. Daniels, MD, FRCSC; Toronto, ON

Outcomes for Operative Treatment of Ankle Arthritis
Mark Glazebrook, MSc, PhD, MD, FRCSC; Halifax, NS

Cases and Discussion
Ned Amendola, MD; Iowa City, IA

6:45am–8:15am ICL 5: Spine: Management of the Spine in the Multiple Trauma Patient • 302A

Moderator: Alex Vaccaro, MD; Philadelphia, PA

Clearing the Cervical Spine in the Obtunded Multiple Trauma Patient
Mitchel Harris, MD; Boston, MA

The Timing of Spine Surgery in the Multiple Trauma Patient
Alex Vaccaro, MD; Philadelphia, PA

Does Minimal Access Spine Surgery Have a Role in Multiple Trauma?
Raja Y. Rampersaud, MD; Toronto, ON

Unique Aspects of Fixation in Combined Lumbar-Pelvic Trauma
Joel A. Finkelstein, MD; North York, ON

6:45am–8:15am CORS Symposium: Articular Cartilage Repair:
From Bench to Bedside to Books • 301B

Moderator: Nadr M. Jomha, MD, PhD, FRCSC; Edmonton, AB

Cartilage Biology
Joseph A. Buckwalter, MD; Iowa City, IA

Techniques of Cartilage Repair
Nadr M. Jomha, MD, PhD, FRCSC; Edmonton, AB

Clinical Aspects of Cartilage Repair
Robert G. McCormack, MD, FRCSC; New Westminster, BC

Epidemiology of Cartilage Repair Techniques
Rajiv Gandhi, MD, FRCSC; Toronto, ON

6:45am–8:15am New and Prospective Chair Networking Breakfast • 304AB
(Please see Academic Programming section for more information)

ANNUAL MEETING AGENDA

THURSDAY, JUNE 5, 2008 CONTINUED

8:30am–10:00am Symposium 1: A Single vs. Multiple Payer Health Care System • ROOM 200AB

Moderator: Robert B. Bourne, MD, FRCSC; London, ON

The future funding of health care is a worldwide concern. In North America, Canada for the most part has a single payer model, while in the United States, a consumer-driven multiple payer system predominates. The combined AOA/COA meeting provides a unique opportunity for leaders from each side of the US/Canadian border to examine the merits and disadvantages of each system and predict paths which each country might follow in the future.

Learning Objective: Participants in this symposium will gain an understanding of the pros and cons of both Canada's single payer health care system, as well as the United States' consumer-driven health care model.

The Case for a Single Payer Health Care System

Robert R. Y. McMurtry, MD, FRCSC, FACS; Komoka, ON

The Case for a Blend of Private and Public Health Care Systems

Brian Day, MD, FRCSC; Vancouver, BC

Consumer-Driven Health Care

James H. Herndon, MD; Boston, MA

Predictions for the US Health Care System

Marc F. Swiontkowski, MD; Minneapolis, MN

8:00am–5:00pm Exhibits Open • EXHIBIT HALL 400A

10:05am–11:05am AOA Business Meeting • ROOM 200AB

10:15am–11:05am COA Business Meeting • ROOM 301A

10:05am–11:05am Paper Session: CORS Bone, Ligament and Tendon • 303B

Moderators: Cyril B. Frank, MD, FRCSC; Graham J. W. King, MD, MSc, FRCSC

Paper 001 10:05

The Effects of Basic Fibroblast Growth Factor on Acute Rotator Cuff Injury in a Rat Shoulder Model

Denis Williams, Maywood, IL; Bartosz Wojewnik, Maywood, IL; Pietro Tonino, Maywood, IL; David Mikolyzk, Maywood, IL; John Callaci, Maywood, IL; Ryan Himes, Maywood, IL; Anthony Wei, Maywood, IL; Brian Magovern, Maywood, IL; Dustin Volkmer, Maywood, IL; Frederick H Wezeman, Maywood, IL; Guido Marra, Maywood, IL

Paper 002 10:11

Effect of Cell-based VEGF Transfer on Rabbit Osteoblasts In vitro

Claire H. Li, Toronto, ON; Ru Li, Toronto, ON; James P. Waddell, Toronto, ON; Emil H. Schemitsch, Toronto, ON

Paper 003 10:17

Molecular Mechanism of Tenascin-C Action on Matrix Metalloproteinase-1 Invasive Potential

Karina Galoian, Miami, FL; Nandor Garamszegi, Miami, FL; Susanna P. Garamszegi, Miami, FL; Sean Scully, Miami, FL

10:23 Discussion

ANNUAL MEETING AGENDA

Paper 004 10:33

A Biomechanical Assessment of the Relationship between Torsion and Tension in the Human Scapholunate Ligament

Rad Zdero, Toronto, ON; Michael Olsen, Toronto, ON; Salah Elfatori, Ottawa, ON; Tom Skrinskas, Toronto, ON; Emil H Schemitsch, Toronto, ON; Cari Whyne, Toronto, ON; Herbert P. Von Schroeder, Toronto, ON

Paper 005 10:39

Advanced Bone Regeneration Using an injectable CaSO₄/CaPO₄-TCP Composite Compared to Autogenous Bone Graft in a Canine Model

Steven Gitelis, Chicago, IL; Thomas Turner, Chicago, IL; Robert Urban, Chicago, IL

Paper 006 10:45

Thrombophilia and Hypofibrinolysis, Reversible Pathoetiologies of Osteonecrosis of the Femoral Head

Richard Freiberg, Cincinnati, OH; Charles J. Glueck, Cincinnati, OH

10:51 Discussion

10:05am–11:05am Paper Session: CORS Joints and Arthritis • 303A

Moderators: David Wilson, B.Eng, D.Phil; Mark B. Hurtig, DVM, ACVS

Paper 007 10:05

Development of a Genipin Cross-linked Autologous Human Fibrin Glue Scaffold for In Vitro Articular Cartilage Regeneration

Emma V Dare, Ottawa, ON; Philippe Poitras, Ottawa, ON; Geoffrey Dervin, Ottawa, ON; Antonio Giulivi, Ottawa, ON; May Griffith, Ottawa, ON; Maxwell T. Hincke, Ottawa, ON

Paper 008 10:11

Stabilization of Fibrin-Mesenchymal Stem Cells (MSCs) Constructs Under Hypoxic Conditions during Tissue Engineering of Articular Cartilage

Tamer Anwar Esmail Ahmed; Michael Halpenny, Ottawa, ON; Harold Atkins, Ottawa, ON; Antonio Giulivi, Ottawa, ON; Geoffrey Dervin, Ottawa, ON; May Griffith, Ottawa, ON; Max Hincke, Ottawa, ON

Paper 009 10:17

The Effect of Neuropeptides on Bovine Articular Cartilage Proliferation

Jeremy White, Madison, WI; Amanda Herzog, Madison, WI; Erik Bergersen, Madison, WI; Jonathan Snitzer, Madison, WI; Josiah Decker, Madison, WI; Ray Vanderby, Madison, WI; Herman F. Stampfli, Madison, WI; Lee Kaplan, Madison, WI

10:23 Discussion

Paper 010 10:33

A Toe Out Foot Progression Angle During Gait Affects the Characteristics of the Knee Adduction Moment in Knee Osteoarthritis

Derek J. Rutherford, Halifax, NS; Cheryl L. Hubble-Kozey, Halifax, NS; William D. Stanish, Halifax, NS

Paper 011 10:39

Modifying Joint Capsule Cells Contractile Properties

Kevin Hildebrand, Calgary, AB; Mei Zhang, Calgary, AB; David Hart, Calgary, AB

ANNUAL MEETING AGENDA

THURSDAY, JUNE 5, 2008 CONTINUED

Paper 012 10:45

Endothelial Cell Dysfunction as a Model of AVN

Edward J. Harvey, Montreal, QC; Mohammad A. Kerachian, Montreal, QC; Denis A. Cournoyer, Montreal, QC; T.Y. Chow, Montreal, QC; Chantal Seguin, Montreal, QC

10:51 Discussion

11:05am–12:35pm Symposium 2: Orthopaedic Education:

Are We Attracting the Best and Brightest? • ROOM 200AB

Moderator: Sanford E. Emery, MD, MBA; Morgantown, WV

As a discipline, orthopaedic surgery has traditionally attracted the “cream of the crop”, i.e. graduates from the uppermost levels of their medical school class. National Residency Matching Program (NRMP) data shows we are no longer the most popular specialty for resident applicants. Is this a permanent trend? A problem? What determines medical graduates’ choices, and where does orthopaedic surgery stand? Our panel discusses three areas of perceived importance: 1. practice environment, 2. money, and 3. role modeling, and their relationship to the millennial generation entering residency training programs.

Learning Objective: Upon completion of this symposium, participants should be able to 1. assess the current state of resident applications for orthopaedic surgery training programs in North America, and 2. understand proposed factors involved in decision making for residency/career choices for millennials.

Introduction: A Problem? A Threat? Or, Ignorance Is Bliss?

Sanford E. Emery, MD, MBA; Morgantown, WV

Practice Environment: How Attractive is Our Job?

James P. Waddell, MD, FRCSC; Toronto, ON

The Taboo Topic: MONEY

Michael J. McCaslin, CPA, Somerset, CPAs, P.C.; Indianapolis, IN

Role Modeling and Mentorship: The Greatest Impact on Career Choice?

Kevin P. Black, MD; Hershey, PA

12:35pm–12:45pm J. A. Nutter Award Presentation • ROOM 200AB

A Novel Composite Elastin and Hyaluronan Scaffold for Nucleus Pulposus Tissue Engineering

Isaac Moss, MDCM

12:40pm–1:30pm Lunch/Exhibits • EXHIBIT HALL 400A

12:40pm–1:10pm Canadian Orthopaedic Research Society Business Meeting

• 301B

12:45pm–2:45pm Program Directors & Department Chairs Forum:

Of Course I Am a Mentor – or Am I? • ROOM 304AB

(Please see Academic Programming section on page 36 for more information)

ANNUAL MEETING AGENDA

1:30pm–3:00pm Paper Session: Hip Reconstruction I • ROOM 303A

Moderators: William J. Hozack, MD; Étienne L. Belzile, MD, FRCSC; Dick van der Jagt, MD, South African Orthopaedic Association President

Paper 013 1:30

Serum Cobalt and Chromium Concentrations in Bilateral vs. Unilateral Hip Resurfacing

Billy K. Parsley, Springfield, IL; D. Gordon Allan, Springfield, IL; Brad Dyrstad, Springfield, IL; Joseph C. Milbrandt, Springfield, IL

Paper 014 1:36

The Determination of Changes in Whole Blood Chromium and Cobalt Ion Levels in THR Patients

Dick van der Jagt Morningside, Gauteng, South Africa; Anton Schepers Morningside, Gauteng, South Africa; Kingsley Nwokeyi Morningside, Gauteng, South Africa; Lipalo Mokete, Morningside, Gauteng, South Africa

1:42 Discussion

Paper 015 1:48

Birmingham Hip Resurfacing Arthroplasty: A Series Of 117 Consecutive Hips With A Minimum Five-Year Follow-Up

Giles Nicholas Heilpern, London, UK; Nirav Shah, Tunbridge Wells, Kent, UK; Michael J. F. Fordyce, Tunbridge Wells, Kent, UK

Paper 016 1:54

Metal-on-Metal Total Hip Replacement: Four to Ten-Year Results

Kevin Debiparshad, Montreal, QC; John Antoniou, Montreal, QC; Olga L. Huk, Montreal, QC; Fackson Mwale, Montreal, QC; David J. Zukor, Montreal, QC; Alain Petit, Montreal, QC

Paper 017 2:00

Hip Resurfacing Arthroplasty Outcomes and Complications: 2 to 5-Year Results

Nelson V. Greidanus, Vancouver, BC; Alexander Siegmeth, Vancouver, BC; Wael Rahman, Vancouver, BC; Donald Garbuz, Vancouver, BC; Bas A. Masri, Vancouver, BC; Clive P. Duncan, Vancouver, BC

2:06 Discussion

Paper 018 2:14

Randomized Clinical Trial Comparing Metal-on-Metal Conventional Total Hip Arthroplasty and Surface Replacement Arthroplasty of the Hip

Pascal-A Vendittoli, Montreal, QC; Martin Lavigne, Montreal, QC; Alain G Roy, Montreal, QC; Daniel Lusignan, Montreal, QC

Paper 019 2:20

Femoral Component Orientation in Hip Resurfacing Done With and Without CT-Free Computer Navigation

Pascal-A Vendittoli, Montreal, QC; Martin Lavigne, Montreal, QC; Muthu Ganapathi, Montreal, QC; Klaus-Peter Gunther, Montreal, QC

Paper 020 2:26

MIS Total Hip Arthroplasty: A Prospective Trial Comparing the Early Results and Complications of the Mini-Posterior and G3 Approaches

Graeme W. D. McIvor, Saskatoon, SK; Geoffrey H. Johnston, Saskatoon, SK

2:32 Discussion

BADGES MUST BE WORN TO ALL FUNCTIONS AND SCIENTIFIC PRESENTATIONS

VOUS DEVEZ AVOIR VOTRE PORTE-NOM SUR VOUS EN TOUT TEMPS

ANNUAL MEETING AGENDA

THURSDAY, JUNE 5, 2008 CONTINUED

Paper 021 2:40

High Failure Rate for Resurfacing Arthroplasty of the Hip – 5-Year Results at a Single Center

Michael J. Dunbar; Richard Kjar; Allan Hennigar; all of Halifax, NS

Paper 022 2:46

Prevalence of Groin Pain After Metal-on-Metal Hip Resurfacing

Ahmad Bin Nasser, Ottawa, ON, Paul E. Beaulé, Ottawa, ON

2:52 Discussion

1:30pm–3:00pm Paper Session: Trauma I • ROOM 301A

Moderators: Theodore Miclau, III, MD; Pierre Guy, MDCM, MBA, FRCSC

Paper 023 1:30

A Randomized Trial of Reamed versus Non-reamed Intramedullary Nail Insertion on Rates of Re-operation in Patients with Fractures of the Tibia

Mohit Bhandari and the S.P.R.I.N.T. Investigators, Hamilton, ON

Paper 024 1:36

Functional, General, and Disability Outcomes after Tibial Nailing:

A Randomized Controlled Trial

Emil H. Schemitsch and the S.P.R.I.N.T. Investigators, Toronto, ON

Paper 025 1:42

Fluid Lavage in Open Fracture Wounds (FLOW): An International Survey

Brad Petrisor, Hamilton, ON; Mohit Bhandari, Hamilton, ON, Emil H. Schemitsch, Toronto, ON; Sheila Sprague, Hamilton, ON; David Sanders, London, ON; Kyle Jeray, Greenville, SC; Beate Hanson, Davos, Davos, Switzerland; FLOW Investigators, Hamilton, ON

1:48 Discussion

Paper 026 1:56

Patient Function Following Femoral Neck Shortening and Varus Collapse

After Cancellous Screw Fixation of Isolated Femoral Neck Fractures:

A Multi-center Cohort Study

Michael Zlowodzki, Minneapolis, MN; Ole Brink, Denmark; Julie Switzer, MN; Scott Wingerter, MS; James Woodall, Jr., Jackson, MS; David R. Bruinsma, Hamilton, ON; Brad A. Petrisor, Hamilton, ON; Philip J. Kregor, Nashville, TN; Mohit Bhandari, ON

Paper 027 2:02

Complications and Delay to Surgery in Hip Fractures

Kelly Ann Lefavre, Dallas, TX; Darin Davidson, Vancouver, BC; Henry M.

Broekhuysse, Vancouver, BC

Paper 028 2:08

Patient Preferences for the Treatment of Displaced Femoral Neck Fractures:

A Decision Board Analysis of Internal Fixation versus Hemiarthroplasty

Sohail Bajammal, Hamilton, ON; Bashar Alolabi, Hamilton, ON; Janhavi Shirali, Hamilton, ON; Paul Karanicolas, Hamilton, ON; Michael Zlowodzki, Hamilton, ON; Mohit Bhandari, Hamilton, ON

2:14 Discussion

ANNUAL MEETING AGENDA

Paper 029 2:22

A Multicenter, Prospective, Randomized Comparison of the Sliding Hip Screw vs. the Medoff Sliding Screw and Side Plate for Unstable Intertrochanteric Hip Fractures

Robert G. McCormack, New Westminster, BC; Mauri L. Zomar, New Westminster, BC; Kostas P. Panagiotopoulos, North Vancouver, BC; Richard E. Buckley, Calgary, AB; Murray John Penner, Vancouver, BC; Bertrand H. Perey, Port Moody, BC; Graham C. Pate, New Westminster, BC; Thomas J. Goetz, Vancouver, BC; Michael S. Piper, New Westminster, BC

Paper 030 2:28

A Creative Approach to Blinding of Outcomes:

The Blinding of Femoral Fixation (BOFF) Study

Mohit Bhandari, Hamilton, ON; Paul J. Karanicolas, Hamilton, ON; Stephen D. Walter, Hamilton, ON; Diane Heels-Ansdell, Hamilton, ON; Gordon H. Guyatt, Hamilton, ON; COAST Musculoskeletal Group, Hamilton, ON

2:34 Discussion

Paper 031 2:40

Clinically-Important Venous Thromboembolism (CIVTE) Following Isolated Leg Fractures Distal to the Knee: Epidemiology & Prevention:

The D-KAF (Dalteparin in Knee-to-Ankle Fracture) Trial

Rita Selby, Toronto, ON; William H. Geerts, Toronto, ON; Hans J. Kreder, Toronto, ON; Mark A. Crowther, Hamilton, ON; Lisa Kaus, Toronto, ON; Faith Sealey, Toronto, ON; Richard Jay, Toronto, ON; Alex Kiss, Toronto, ON

Paper 032 2:46

A Prospective Cohort Study of the Epidemiology of Symptomatic Venous Thromboembolism (VTE) After Isolated Leg Fractures Distal to the Knee Without

Thromboprophylaxis: The Knee-to-Ankle Fracture (KAF) Cohort Study

Rita Selby, Toronto, ON; William H. Geerts, Toronto, ON; Hans J. Kreder, Toronto, ON; Mark A. Crowther, Hamilton, ON; Maurice Bent, Toronto, ON; Emil H. Schemitsch, Toronto, ON; Peter Weiler, Toronto, ON; Lisa Kaus, Toronto, ON; Faith Sealey, Toronto, ON; Richard Jay, Toronto, ON

2:52 Discussion

1:30pm–3:00pm Paper Session: Upper Extremity Sports • ROOM 301B

Moderators: William N. Levine, MD; Daniel B. Whelan, MD, MSc, FRCSC

Paper 033 1:30

Open versus Arthroscopic Double-row Rotator Cuff Repairs:

A Biomechanical Comparison of Three Techniques

Samuel Koo, Chicago, IL; Jason Koh, Chicago, IL; Todd Moen, Chicago, IL; Gordon Nuber, Chicago, IL

Paper 034 1:36

Arthroscopic versus Mini-open Rotator Cuff Repair – A Meta Analysis

Ilya Voloshin, Rochester, NY; A. David Davis, Boston, MA; Kenneth Morse, Rochester, NY; Elizabeth Krall-Kaye, Boston, MA; Anthony Schepsis, Boston, MA

ANNUAL MEETING AGENDA

THURSDAY, JUNE 5, 2008 CONTINUED

Paper 035 1:42

Relationship Between Pre-operative Self-reported Shoulder Function and Pain and Body-mass Index in Patients Undergoing Rotator Cuff Repair Surgery

Peter B. MacDonald, Winnipeg, MB; Sheila McRae, Winnipeg, MB; Jeff Leiter, Winnipeg, MB; Chris Walmsley, Winnipeg, MB

1:48 Discussion

Paper 036 1:56

Arthroscopic Treatment of Deep Partial Thickness Tears of the Supraspinatus Tendon

Ryan T. Bicknell, Kingston, ON; Cedric Pelegri, Nice, Cote d'azur, France; Christopher Chuinard, Nice, Cote d'azur, France; Lionel Neyton, Nice, Cote d'azur, France; Pascal Boileau, Nice, Cote d'azur, France

Paper 037 2:02

Arthroscopic Repair of Type II SLAP Lesions: Clinical and MRI Arthrogram Follow-up

John N. Trantalis, Calgary, AB; Richard S. Boorman, Calgary, AB; Kristie D. Pletsch, Calgary, AB; Stephen Sohmer, Calgary, AB; Tom Woods, Calgary, AB; Ian K. Y. Lo, Calgary, AB

Paper 038 2:08

Association of Clinical Assessment, MRI and Arthroscopic Findings in Patients with SLAP Lesions

Peter B. MacDonald, Winnipeg, MB; Bhu Machani, Winnipeg, MB; Sheila McRae, Winnipeg, MB; Jeff Leiter, Winnipeg, MB; Chris Walmsley, Winnipeg, MB

2:14 Discussion

Paper 039 2:22

Radioulnar Heterotopic Ossification After Distal Biceps Tendon Repair: Results Following Surgical Resection

Robert W. Wysocki, Chicago, IL; Mark S. Cohen, Chicago, IL

Paper 040 2:28

The Biceps Crease Interval Test: A Physical Examination Tool for the Diagnosis of Complete Distal Biceps Tendon Ruptures

Amr W. ElMaraghy, Toronto, ON

2:34 Discussion

Paper 041 2:40

Non-operative Treatment of the Frozen Shoulder

Keith Kenter, Cincinnati, OH; Jane Craig, Columbia, MO

Paper 042 2:46

Evaluation of Resistant Lateral Elbow Pain – A Review of 280 Elbow Arthroscopy Procedures

Mohan Krishna Pullagura, Newcastle upon Tyne, Tyne and Wear, UK; Joseph Pooley, Gateshead, Tyne and Wear, UK; Aysa Rajeev, Gateshead, Tyne and Wear, UK; Mainuddin Bhavikatti, Carlisle, Cumbria, UK

2:52 Discussion

ANNUAL MEETING AGENDA

1:30pm–3:00pm Paper Session: Pediatrics I • Room 302A

Moderators: Steven L. Frick, MD; Andrew Howard, MD, MSc, FRCSC

Paper 043 1:30

The Halifax Kyphectomy: Circumferential Fixation from a Posterior Approach

Sean Comstock, Halifax, NS; John C. Hyndman, Halifax, NS; J. Lorne Leahy, Halifax, NS; Ron El-Hawary, Halifax, NS; P. Chris Cook, Halifax, NS

Paper 044 1:36

Which Parameter Should be Used in the Assessment of Lumbosacral Kyphosis in Spondylolisthesis?

Panagiotis Peter Glavas, Montreal, QC; Jean-Marc Mac-Thiong, Montreal, QC; Stefan Parent, Montreal, QC; Jacques A. de Guise, Montreal, QC; Hubert Labelle, Montreal, QC

1:42 Discussion

Paper 045 1:48

Gore-Tex vs. Traditional Cast Padding After Closed Reduction of Displaced Distal Radius Fractures in Children: A Retrospective Review

Alison Rozansky, Akron, OH; Mark Adamczyk, Akron, OH; William Schrader, Akron, OH; Patrick Riley, Akron, OH; Dennis S. Weiner, Akron, OH; Halley Wasserman, Akron, OH; Melanie Morscher, Akron, OH; Kerwyn Jones, Akron, OH

Paper 046 1:54

Clinical Features of Multiple Non-contiguous Spine Fractures in Children

Paul John Moroz, Ottawa, ON; Stephen P. Kingwell, Vancouver, BC

2:00 Discussion

Paper 047 2:06

Surgical Dislocation with Open Reduction and Internal Fixation for Unstable Slipped Capital Femoral Epiphysis: Early Promising Results

Daniel J. Sucato, Dallas, TX; David A. Podeszwa, Dallas, TX

Paper 048 2:12

Evaluation of Gene Expression in Slipped Capital Femoral Epiphysis Utilizing Laser Capture Microdissection and RT-PCR

Thomas Scharschmidt, Akron, OH; Dennis Weiner, Akron, OH; Robin Jacquet, Akron, OH; Elizabeth Lowder, Akron, OH; Tyson Schrickel, Akron, OH; William Landis, Akron, OH

2:18 Discussion

Paper 049 2:24

Early Effect of Botulinum Toxin Type A on Ankle Range of Motion

in Children Diagnosed with Severe Idiopathic Toe Walking

Christine Marie Alvarez, Vancouver, BC; Mary Devera, Vancouver, BC; Vince Lau, Vancouver, BC

Paper 050 2:30

The Dynamic Plantar Pressure Profiles of Normal Children

Christine Marie Alvarez, Vancouver, BC; Mary Devera, Vancouver, BC; Harpreet Chhina, Vancouver, BC; Alec Black, Vancouver, BC

2:36 Discussion

BADGES MUST BE WORN TO ALL FUNCTIONS AND SCIENTIFIC PRESENTATIONS

VOUS DEVEZ AVOIR VOTRE PORTE-NOM SUR VOUS EN TOUT TEMPS

ANNUAL MEETING AGENDA

THURSDAY, JUNE 5, 2008 CONTINUED

Paper 051 2:42

Articulated Hip Distraction Arthroplasty: A Treatment Option for Avascular Necrosis and Chondrolysis of the Child and Adolescent Femoral Head

David P. Roye, New York, NY; Jaime Gomez, New York, NY; Michael G. Vitale, New York, NY; Joshua E. Hyman, New York, NY; Hiroko Matsumoto, New York, NY; David Feldman, New York, NY; Salih Marangoz, New York, NY; Harold P. vanBosse, New York, NY; Debra A. Sala, New York, NY; Matthew Stein, New York, NY

Paper 052 2:48

Femoral Valgus Osteotomy for Advanced Femoral Head Osteonecrosis and Perthes Disease in Children and Adolescents

Hiroko Matsumoto, New York, NY; Michael G. Vitale, New York, NY; Jaime A. Gomez, New York, NY; Joshua E. Hyman, New York, NY; Brian E. Kaufman, New York, NY; David P. Roye, New York, NY

2:52 Discussion

**1:30pm–3:00pm Paper Session: Knee Reconstruction
(AOA/COA/CORS Combined I) • ROOM 303B**

Moderators: John J. Callaghan, MD; Jeffrey D. Gollish, BSc, MD, FRCSC; John North, MBBS, FRACS, Australian Orthopaedic Association President

Paper 053 1:30

In-hospital Complications and Mortality of Bilateral, Unilateral and Revision Total Knee Arthroplasties in the United States. A Comparative Study of 4,159,661 Discharges from 1990 to 2004

Thomas P. Sculco, New York, NY; Stavros G. Memtsoudis, New York, NY; Alejandro González Della Valle, New York, NY; Melanie C. Besculides, Princeton, NJ; Licia Gaber, Plainsboro, NJ

Paper 054 1:36

Reducing Wait Times for Hip and Knee Replacement with a Pilot of a New Care Continuum in Canada

Kathy Gooch, Calgary, AB; Tracy Wasylak, Calgary, AB; Leslie Dort, Calgary, AB; Doug Smith, Calgary, AB; Hoa Khong, Calgary, AB; Julie Hibbert, Calgary, AB; Lu Liu, Calgary, Alberta; Cyril B. Frank, Calgary, AB; D. William C. Johnston, Edmonton, AB; Timothy J. Pearce, Red Deer, AB; Ronald F. Zernicke, Calgary, AB

Paper 055 1:42

Predicting Patient Discharge Disposition Following Total Joint Arthroplasty

Alison Klika, Cleveland, OH; Wael K. Barsoum, Cleveland, OH; Bishoy Gad, Cleveland, OH; Joe Styron, Cleveland, OH; Karen Green, Cleveland, OH; Boris Bershadsky, Cleveland, OH; Matthew Pifer, Cleveland, OH

1:48 Discussion

Paper 056 1:56

RCT of a Porous Metal Tibial Monoblock TKA Component Using RSA – 2-Year Results

Michael J. Dunbar, Halifax, NS; Allan Hennigar, Halifax, NS; David Wilson, Halifax, NS; J. David Amirault, Halifax, NS; Gerald Reardon, Halifax, NS; Michael Gross, Halifax, NS

ANNUAL MEETING AGENDA

Paper 057 2:02

Effect of Gender on Migration of Cemented and Uncemented Total Knee Arthroplasty

David Wilson, Halifax, NS; Michael J. Dunbar, Halifax, NS; Allan Hennigar, Halifax, NS

2:08 Discussion

Paper 058 2:14

Muscle Co-activation Pattern Differences Pre, One-year and Two-year Post Total Knee Replacement

Cheryl Hubley-Kozey, Halifax, NS; Michael J. Dunbar, Halifax, NS; Nick Hill, Halifax, NS; Kevin J. Deluzio, Kingston, ON

Paper 059 2:20

Metabolic Activity in Osteoarthritic Knees Correlates with Body Mass Index

Amanda Herzog, Madison, WI; Matthew Christian Niesen, Madison, WI; Elizabeth Bishop Gausden, Madison, WI; Avery L. Buchholz, Madison, WI; Herman F. Stampfli, Madison, WI; Matthew G. Wisniewski, Madison, WI; Christine DuFour, Madison, WI; David R. Verbunker, Madison, WI; Alejandro Munoz-del-Rio, Madison, WI; Lee Kaplan, Madison, WI

Paper 060 2:26

Pre-operative Gait Patterns Affect Post-operative TKR Migration

Janie L. Astephen, Halifax, NS; Michael J. Dunbar, Halifax, NS; David Wilson, Halifax, NS; Kevin J. Deluzio, Kingston, ON

2:32 Discussion

Paper 061 2:40

A Prospective Randomized Study of Computer-assisted Surgery (CAS) vs. Standard Surgical Technique in TKA: Effect on Mechanical Axis Alignment

Mary I. O'Connor, Jacksonville, FL; Mark P. Brodersen, Jacksonville, FL; Laura Bancroft, Jacksonville, FL; Julia Crook, Jacksonville, FL

Paper 062 2:46

A Randomized Clinical Trial Comparing "Hi-flex versus "Standard" Posterior Cruciate Ligament Substituting Polyethylene Tibial Inserts in Total Knee Replacement

Richard W. McCalden, London, ON; Juliana T. Marr, London, ON; Robert B. Bourne, London, ON; Steven J. MacDonald, London, ON

Discussion 2:52

1:30pm–3:00pm Paper Session: CORS Arthroplasty • ROOM 302B

Moderators: John Antoniou, MD, FRCSC; Paulose Paul, MD, FRCSC

Paper 063 1:30

The Effect of Implant Linkage, Collateral Ligament Sectioning and Radial Head Management on the Kinematics and Loading in Total Elbow Arthroplasty

James R. Brownhill, London, ON; J. Whitcomb Pollock, London, ON; Louis Miguel Ferreira, London, ON; James A. Johnson, London, ON; Graham J. W. King, London, ON

Paper 064 1:36

An Anthropometric Study of the Distal Humerus with Implications Towards Contralateral Registration

Colin P. McDonald, London, ON; Graham J. W. King, London, ON; Terry M. Peters, London, ON; James A. Johnson, London, ON

BADGES MUST BE WORN TO ALL FUNCTIONS AND SCIENTIFIC PRESENTATIONS

VOUS DEVEZ AVOIR VOTRE PORTE-NOM SUR VOUS EN TOUT TEMPS

THURSDAY, JUNE 5, 2008 CONTINUED

Paper 065 1:42

The Effect of Humeral Component Alignment on the Loading of Total Elbow Arthroplasty: An In Vitro Study

James R. Brownhill, London, ON; Brendon J. Beaton, London, ON; Louis M. Ferreira, London, ON; James A. Johnson, London, ON; Graham J. W. King, London, ON

1:48 Discussion

Paper 066 1:59

Persistent Net Bone Formation At One Year Due To Local Elution of Zoledronic Acid From Porous Tantalum Implants

Michael Tanzer, Montreal, QC; Dorota Karabasz, Montreal, QC; Jacintha Roberts, Montreal, QC; Jan Krygier, Montreal, QC; Dennis Bobyn, Montreal, QC

Paper 067 2:05

Skeletal Distribution of 14C-Labeled Bisphosphonate After Local Elution From Porous Implants

Michael Tanzer, Montreal, QC; Dennis Bobyn, Montreal, QC; Jacintha Roberts, Montreal, QC; Jan Krygier, Montreal, QC; Dorota Karabasz, Montreal, QC

Paper 068 2:11

Marker-based Radiostereometric Analysis of a Shoulder Phantom – A Determination of Precision and Accuracy

Martin J. Petrak, Winnipeg, MB; Erica Rex, Winnipeg, MB; Eric Bohm, Winnipeg, MB

2:17 Discussion

Paper 069 2:38

Oxidative Stress Markers in the Blood of Patients with Metal-on-Metal Total Hip Arthroplasty

Cathy Tkaczyk, Montreal, QC; Alain Petit, Montreal, QC; Irina Semova, Montreal, QC; Fackson Mwale, Montreal, QC; David J. Zukor, Montreal, QC; John Antoniou, Montreal, QC; Maryam Tabrizian, Montreal, QC; Olga L. Huk, Montreal, QC

Paper 070 2:44

Retrieved UHMWPE Wear Analysis – A Comparison of Different Methodologies

Martin J. Petrak, Winnipeg, MB; Erica Rex, Winnipeg, MB; Tom Turgeon, Winnipeg, MB; Colin Badger, Winnipeg, MB; Eric Bohm, Winnipeg, MB

2:50 Discussion

3:05pm–4:35pm **Symposium 3: Orthopaedics in 2020: Predictors of Musculoskeletal Needs** • ROOM 200AB

Moderator: Michael J. Dunbar, MD, PhD, FRCSC; Halifax, NS

By the year 2020, the full weight of the graying of our population, or more specifically, the aging of the “baby boomers” will be impacting the health care system. Epidemiologic evidence suggests that the classic population pyramid may become inverted such that we may have disproportionately more elderly population than young. For example, it is predicted that by 2020, one in four patients worldwide will be over the age of 65. Associated with this is an expected increase in fragility fractures and joint arthroplasty, both of which are directly related to an aging population. Furthermore, the incidence of joint arthroplasty has increased a startling amount over the last decade in patients less than 55 years old. The impact that this will have in the next two

decades on the revision burden faced by orthopaedic surgeons is yet to be determined. Sporting injuries, particularly in young athletes have also raised a significant amount over the same time period. It is anticipated that these injury patterns will present in later life as musculoskeletal complaints. This symposium will concentrate on the anticipated demands for MSK health care in 2020 as it relates specifically to fragility fractures, joint replacement, sports medicine, and pediatric orthopaedics. Using these four domains, simple demographics will be explored in an effort to predict demand. Changes in pattern of practice as well as the impact of screening and prevention programs on demand will also be explored. Finally, the same graying effect is ongoing in health care providers, coinciding with the aging of the population. The impact that this will have on the equilibrium of supply and demand for MSK health care will be discussed, with special emphasis on possible solutions to limited human resources. The symposium will allow for attendees to have insight into what their practice may look like in 2020.

Learning Objective: 1) To better understand the changing population demographics and what impact this will have on both demand for MSK services as well as the supply of same, 2) to better understand how changing incidences and indications for surgery will affect the supply and demand equilibrium, 3) to better understand the value of prevention and screening strategies in reducing the future demand for MSK health care, and 4) to better understand the anticipated human resource situation in 2020, specifically relating to how this will effect the attendees practice and what sorts of alternative care models are available.

Panelists:

Introduction

Michael J. Dunbar, MD, PhD, FRCSC; Halifax, NS

Pediatric Orthopaedics in 2020 – More or Less?

Andrew W. Howard, MD, FRCSC, MSc; Toronto, ON

The Anticipated Increase in the Number of Fragility Fractures in an Aging Population and the Effect of Screening and Prevention Strategies

Earl R. Bogoch, MD, FRCSC; Toronto, ON

The Changing Incidence of Arthroplasty and the Burden of Revision

Javad Parvizi, MD; Philadelphia, PA

How Many Patients and Who is Going to Look After Them?

Hans J. Kreder, MD, FRCSC; Toronto, ON

4:35pm–5:05pm **R.I. Harris Memorial Lecture: The Orthopaedic Educator, Continuous Lifelong Learning and Our National Specialty Society: An Educational Imperative** • ROOM 200AB

Norman S. Schachar, MD, FRCSC

*Unrestricted educational grant provided by: Biomet*5:05pm–5:15pm **Health Break** • EXHIBIT HALL 400A5:15pm–6:15pm **Paper Session: Hip Reconstruction II** • ROOM 303A

Moderators: Jay R. Lieberman, MD; Eric Bohm, MD, MSc, FRCSC

Paper 071 5:15

Early Dislocation Rates in Ceramic-on-Ceramic Total Hip Arthroplasty

Clifford W. Colwell, La Jolla, CA; William J. Hozack, Philadelphia, PA; J. Wesley Mesko, Lansing, MI; James A. D'Antonio, Moon Township, PA; Benjamin E. Bierbaum, Boston, MA; William N. Capello, Indianapolis, IN; William L. Jaffe, New York, NY; Kenny T. Mai, La Jolla, CA

ANNUAL MEETING AGENDA

THURSDAY, JUNE 5, 2008 CONTINUED

Paper 072 5:21

Body Mass Index and Risk of Mis-seated Ceramic Acetabular Systems: A Retrospective Study of 411 Ceramic Total Hip Arthroplasty Procedures Undertaken in a Regional Arthroplasty Center, 1998-2006

Mitchell J. Winemaker, Hamilton, ON; Kirsteen R. Burton, Toronto, ON; Karen Finlay, Hamilton, ON; Danielle Petrucci, Hamilton, ON; Justin de Beer, Hamilton, ON

Paper 073 5:27

Total Hip Replacement Outcomes and the Influence of Morbid Obesity

Steven J. MacDonald, London, ON; Kory Charron, London, ON; Robert B. Bourne, London, ON; Richard W. McCalden, London, ON; Douglas D. Naudie, London, ON; Cecil H. Rorabeck, London, ON

5:33 Discussion

Paper 074 5:44

The Results of Charnley Total Hip Arthroplasty at a Minimum of 35 Years

John J. Callaghan, Iowa City, IA; Somyot Piyaworakhun, Iowa City, IA; Steve Liu, Iowa City, IA; Devon Goetz, West Des Moines, IA; Richard Johnston, Iowa City, IA

Paper 075 5:50

Minimum 10-Year Follow-up of a Second Generation Fully Coated Femoral Component in Primary THR

John J. Callaghan, Iowa City, IA; David Hennessy, Iowa City, IA; Steve Liu, Iowa City, IA

Paper 076 5:56

Mid-term Results of Cement-in-Cement Acetabular Revision in Total Hip Arthroplasty

Kit R. F. S. Brogan, Exeter, Devon, UK; John P. Charity, Exeter, Devon, UK; Ashan Sheeraz, Exeter, Devon, UK; Mathew J. Hubble, Exeter, Devon, UK; Jonathan R. Howell, Exeter, Devon, UK

6:02 Discussion

5:15pm-6:15pm Paper Session: Trauma II • ROOM 301A

Moderator: James A. Goulet, MD; Jean Lamontagne, MD, FRCSC

Paper 077 5:15

(Mis)Perceptions About Intimate Partner Violence Among Orthopaedic Surgeons

Mohit Bhandari, Hamilton, ON; Sheila Sprague, Hamilton, ON; Sonia Dosanjh, Hamilton, ON; Valerie D'Aurora, Hamilton, ON; Heather Shearer, Hamilton, ON; Ole Brink, Aarhus, Denmark; David Mathews, Minneapolis, MN

Paper 078 5:21

Causes of Secondary Osteoporosis in Fracture Patients

Earl R. Bogoch, Toronto, ON; Victoria Elliot-Gibson, Toronto, ON; Rob Wang, Toronto, ON; Robert Josse, Toronto, ON

Paper 079 5:27

Study of the Effect of Orthopaedic Immobilizations of the Lower Right Limb on Driving Performances in a Simulator

François Cabana, Sherbrooke, QC; Marc-André Tremblay, Sherbrooke, QC; Hélène Corribeau, Sherbrooke, QC; Patrick Boissy, Sherbrooke, QC; Cécile Smeeters, Sherbrooke, QC; Mathieu Hamel, Sherbrooke, QC

ANNUAL MEETING AGENDA

5:33 Discussion

Paper 080 5:44

VEGF Affects Microarchitectural Differences of Fracture Healing in Various Treatment Periods

Ru Li, Toronto, ON; Herbert P. vonSchroeder, Toronto, ON; Duncan J. Stewart, Toronto, ON; Emil H. Schemitsch, Toronto, ON

Paper 081 5:50

Intramuscular Bone Formation Following Implantation of Tricalcium Phosphate (chronOS) Combined with Human Femoral Allograft Obtained Using the Reamer-Irrigator-Aspirator System (RIA)

Rena Lorraine Stewart, Birmingham, AL; James Stannard, Birmingham, AL; David Volgas, Birmingham, AL; Justin Duke, Birmingham, AL; Irshad Chaudry, Birmingham, AL

Paper 082 5:56

Critical Segmental Defect Regeneration Using Biodegradable, Load Bearing Scaffold Containing BMP-2 in a Canine Model

Rena Lorraine Stewart, Birmingham, AL; Tien-Min Chu, Indianapolis, IN; James Stannard, Birmingham, AL; David Volgas, Birmingham, AL; Justin Duke, Birmingham, AL

6:02 Discussion

5:15pm-6:15pm Paper Session: Sports Medicine Knee • ROOM 301B

Moderators: James E. Carpenter, MD; Nicholas G. Mohtadi, MD, FRCSC

Paper 083 5:15

A Prospective, Randomized, Controlled Trial on the Effect of Femoral Nerve Blocks on Early Motion Following Anterior Cruciate Ligament Reconstruction

Craig S. Mauro, Pittsburgh, PA; Alex J. Kline, Pittsburgh, PA; Susan S. Jordan, Pittsburgh, PA; James J. Irrgang, Pittsburgh, PA; Freddie H. Fu, Pittsburgh, PA; Brian A. Williams, Pittsburgh, PA; Christopher A. Radkowski, McKeesport, PA; Christopher Harner, Pittsburgh, PA

Paper 084 5:21

The Effect of Knee Immobilization on Post-operative Pain Following an Anterior Cruciate Ligament (ACL) Reconstruction: A Randomized Clinical Trial

Laurie A. Hiemstra, Banff, AB; Mark Heard, Banff, AB; Greg Buchko, Banff, AB; Trena M. Sasyniuk, Calgary, AB; Jeremy Reed, Banff, AB; Brad Monteleone, Calgary, AB

Paper 085 5:27

Patellar Tendon vs. Hamstring Autografts for Primary ACL Reconstruction: A Cochrane Review

Denise Chan, Calgary, AB; Nicholas G. Mohtadi, Calgary, AB; Katie N. Dainty, Toronto, ON; Daniel B. Whelan, Toronto, ON

5:33 Discussion

Paper 086 5:44

Anterior Opening Wedge High Tibial Osteotomy: The Effect of Increasing Tibial Slope on the Biomechanics of the Knee

Paul A. Martineau, Montreal, QC; Stephen D. Fening, Cleveland, OH; Jack T. Andrich, Cleveland, OH; Anthony Miniaci, Cleveland, OH

ANNUAL MEETING AGENDA

THURSDAY, JUNE 5, 2008 CONTINUED

Paper 087 5:50

Simultaneous Medial Opening Wedge HTO and Hamstring ACL Reconstruction: Two-year Changes in Alignment, Dynamic Knee Joint Load and Self-reported Function
Crystal Kean, London, ON; Trevor Birmingham, London, ON; Ian Jones, London, ON; J. Robert Giffin, London, ON

Paper 088 5:56

The Treatment of Recalcitrant Patellar Tendonitis with Patellar Tendon Debridement – Indications, Technique, and Clinical Outcomes
Sanaz Hariri, Boston, MA; Edgar T. Savidge, Boston, MA; James Zachazewski, Boston, MA; Thomas Gill, Boston, MA

6:02 Discussion

5:15pm–6:45pm Paper Session: Foot and Ankle • ROOM 302A

Moderators: Shepard R. Hurwitz, MD; Timothy R. Daniels, MD, FRCSC

Paper 089 5:15

Tibiotalar Arthrodesis for Injuries of Talus
Jaswant Singh Khangarot, Kota, Rajasthan, India

Paper 090 5:21

A Case Control Pedobarograph Study Comparing the Foot Pressures Between Normal Subjects and Patients with Ankle Osteoarthritis Pre- and Post- Ankle Arthrodesis
Gabriel Ayonmigbesimi Akra, Darlington, Durham, UK; A. O. Adedapo, Darlington, England, UK

Paper 091 5:27

Clinical Outcomes Following Agility Total Ankle Arthroplasty: A Prospective Follow-up Study From a Single Canadian Center
Alastair S. E. Younger, Vancouver, BC; Josh Mayich, Kingston, ON

5:33 Discussion

Paper 092 5:41

Functional Outcome of Operatively Treated Lisfranc Injuries
Clifford B. Jones, Grand Rapids, MI; Debra L. Sietsema, Grand Rapids, MI; Jeffrey A. Henning, Grand Rapids, MI; John G. Anderson, Grand Rapids, MI; Donald R. Bohay, Grand Rapids, MI

Paper 093 5:47

Improved Torsional Fatigue Properties with Thin Locked versus Non-locked Plate Constructs for Fixation of Simulated Osteoporotic Distal Fibula Fractures
Paul Tornetta, Boston, MA; William Ricci, St. Louis, MO; Toney Russell, Germantown, TN; Bob Jones, Memphis, TN; Timothy Petteys, Memphis, TN; Darin Gerlach, Memphis, TN

5:53 Discussion

ANNUAL MEETING AGENDA

Paper 094 5:59

Open Reduction and Internal Fixation of the Symptomatic Type II Accessory Navicular
Vani Sabesan, Durham, NC; Mark Easley, Durham, NC

Paper 095 6:05

Radiologic Evaluation of Talar Dome Configuration
André Leumann, Basel, Switzerland; Martin Wiewiorski, Basel, Switzerland; Olaf Magerkurth, Basel, Switzerland; Thomas Egelhof, Basel, Switzerland; Helmut Rasch, Basel, Switzerland; Victor Valderrabano, Basel, Switzerland

6:11 Discussion

Paper 096 6:17

Evaluation of ^{99m}Tc-DPD-SPECT-CT for Localization of Symptomatic Osteoarthritis in Degenerative Hindfoot and Midfoot Joints
Martin Wiewiorski, Basel, Switzerland; Martin Kretschmar, Basel, Switzerland; Helmut Rasch, Basel, Switzerland; Deniz Bilecen, Basel, Switzerland; Augustinus Jacob, Basel, Switzerland; Victor Valderrabano, Basel, Switzerland

Paper 097 6:23

Neuromuscular Patterns in Patients with Chronic Ankle Instability
Victor Valderrabano, Basel, Switzerland; Lukas Ebnetter, Basel, Switzerland; André Leumann, Basel, Switzerland; Vinzenz von Tschanner, Calgary, AB; Beat Hintermann, Liestal, Switzerland

Paper 098 6:29

Pre-operative Bathing with Chlorhexidine to Reduce Bacterial Colonization in Foot and Ankle Surgery: A Prospective, Randomized Study
Aaron B Ng, Vancouver, BC; Foley Adeyemo, Manchester, Lancashire, UK; Richard Samarji, Manchester, Lancashire, UK

6:35 Discussion

5:15pm–6:15pm Paper Session: Knee Reconstruction (AOA/COA/CORS Combined II) • ROOM 303B

Moderators: Kevin Bozic, MD, MBA; Richard W. McCalden, MD, FRCSC; John Matheson, FRACS, New Zealand Orthopaedic Association President

Paper 099 5:15

The Effects of Concentric Quadriceps Fatigue on Knee Angles and Knee Moments During Gait in Young, Sedentary Females
Gillian Hatfield, Dartmouth, NS; Cheryl Hubble-Kozey, Halifax, NS; William D. Stanish, Halifax, NS

Paper 100 5:22

A Comparison of the Knee Moments and Muscle Activation Patterns in Medial vs. Lateral Compartment Knee Osteoarthritis
Gillian Hatfield, Dartmouth, NS; Cheryl Hubble-Kozey, Halifax, NS; Kevin J. Deluzio, Kingston, ON; Michael J. Dunbar, Halifax, NS; William D. Stanish, Halifax, NS

5:29 Discussion

ANNUAL MEETING AGENDA

THURSDAY, JUNE 5, 2008 CONTINUED

Paper 101 5:40

Clinical and Microscopic Evaluation of Large Implanted Refrigerated and Frozen Osteochondral Allografts in the Knee

Albert W. Pearsall, Mobile, AL; Sudhakar G. Madanagopal, Mobile, AL; J. Allan Tucker, Mobile, AL

Paper 102 5:47

Rotational Osteotomy of the Proximal Tibia for Maltracking/Dislocation of the Patella

John Cameron, Toronto, ON

Paper 103 5:54

Fresh Osteochondral Allografts for Posttraumatic Knee Defects: Long-term Follow-up

Won Kim, Toronto, ON; David Backstein, Toronto, ON; Facundo Las Heras, Toronto, ON; Oleg Safir, Toronto, ON; Kenneth P. H. Pritzker, Toronto, ON; Allan E. Gross, Toronto, ON

6:03 Discussion

5:15pm–6:15pm Paper Session: CORS Mixed Session • ROOM 302B

Moderators: Kevin Hildebrand, MD; James Raso, MAsc, PEng

Paper 104 5:15

Indomethacin Decreases Cell Damage Due to Elevated Compartment Pressure: An Experimental Study in Rats

Ajay Manjoo, London, ON; David Sanders, London, ON; Amit Badhwar, London, ON; Abdel Lawandy, London, ON

Paper 105 5:21

Inflammation Causes Cellular Damage in Compartment Syndrome: An Experimental Study

David Sanders, London, ON; Abdel Lawandy, London, ON; Amit Badhwar, London, ON; Aurelia Bihari, London, ON

Paper 106 5:27

Monitoring Scoliosis Deformity with Torso Surface Topography – What Constitutes “Normal”?

Lise Malta, Calgary, AB; Janet Ronsky, Calgary, AB; Jason Howard, Calgary, AB; Vicki Komisar, Calgary, AB; Bradley Sauve, Calgary, AB; Rhiannon Evison, Calgary, AB; David Parsons, Calgary, AB

5:33 Discussion

Paper 107 5:44

Intervertebral Disc and Articular Cartilage Degeneration in Mice Lacking Early Growth Response Protein-1 (EGR-1)

Kevin Debiparshad, Montreal, QC; Fackson Mwale, Montreal, QC; Peter Roughley, Montreal, QC; Lorraine E. Chalifour, Montreal, QC; John Antoniou, Montreal, QC

ANNUAL MEETING AGENDA

Paper 108 5:50

Evaluation of Quantitative Magnetic Resonance Imaging, Biochemical and Mechanical Properties of Trypsin Treated Intervertebral Discs Under Physiological Compressive Loading

Fackson Mwale, Montreal, QC; Caroline N. Demers, Montreal, QC; Arthur Michalek, Burlington, VT; James C. Iatridis, Burlington, VT; Tapas Goswami, Montreal, QC; Gilles Beaudoin, Montreal, QC; Lorne Beckman, Montreal, QC; Mauro Alini, Switzerland; Davos Platz, Switzerland; John Antoniou, Montreal, QC

Paper 109 5:56

Effect of Estrogen Deficiency on Articular Cartilage and Intervertebral Disc of Mice

Kevin Debiparshad, Montreal, QC; Fackson Mwale, Montreal, QC; Peter Roughley, Montreal, QC; Lorraine E. Chalifour, Montreal, QC; John Antoniou, Montreal, QC

6:02 Discussion

FRIDAY, JUNE 6, 2008

6:00am–5:00pm Registration Open • LE BILLETTERIE

8:00am–11:00am Guest Hospitality Open • SOLARIUM

8:00am–9:00am Breakfast/Poster Viewing • EXHIBIT HALL 400A

6:45am–8:15am Instructional Course Lectures (concurrent sessions)

6:45am–8:15am ICL 6: Trauma Foot and Ankle • ROOM 303A

Moderator: Gregory K. Berry, MD, FRCSC; Montreal, QC
Bruce Sangeorzan, MD; Seattle, WA
David Sanders, MD, FRCSC; London, ON
Paul Tornetta, III, MD; Boston, MA

6:45am–8:15am ICL 7: Arthroplasty: Update on Trends in Hip and Knee Arthroplasty • ROOM 303B

Moderator: Michael J. Dunbar, MD, PhD, FRCSC; Halifax, NS

Cross-linked Polyethylene: Has It Made a Difference?

For Total Hip Arthroplasty?

Richard W. McCalden, MD, FRCSC; London, ON

For Total Knee Arthroplasty?

Jeffrey D. Gollish, BAsc, MD, FRCSC; Toronto, ON

Metal-Metal for Total Hip Arthroplasty

Thomas Schmalzreid, MD; Los Angeles, CA

Ceramic-Ceramic for Total Hip Arthroplasty

William J. Hozack, MD; Philadelphia, PA

Hip Resurfacing: Why I Do It

John Antoniou, MD, FRCSC; Montreal, QC

Hip Resurfacing: Why I Don't Do It

Steven J. M. MacDonald, MD, FRCSC; London, ON

Gender-specific Knee Implants: Do We Need Them?

Michael Tanzer, MD, FRCSC; Montreal, QC

Unrestricted educational grant provided by: DePuy Canada

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ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

6:45am–8:15am ICL 8: Sports Medicine: Controversies in Managing the ACL-Injured Patient: A Case-Based Approach • ROOM 302B

Moderator: Frederick M. Azar, MD; Memphis, TN
Robert G. McCormack, MD, FRCSC; New Westminster, BC
Geoffrey Dervin, MSc, MD, FRCSC; Ottawa, ON
Freddie H. Fu, MD; Pittsburgh, PA
Russell Warren, MD; New York, NY

6:45am–8:15am ICL 9: Pediatrics: Managing Complex Pediatric Lower Extremity Fractures • ROOM 301B

Moderators: Steven Frick, MD, Charlotte, NC, and K. Kellie Leitch, MD, MBA, FRCSC; London, ON
Debra Bartley, MD, FRCSC; London, ON
Jason J. Howard, MD, FRCSC; Calgary, ON
Ron ElHawary, MD, MSc, FRCSC; Halifax, NS
R. Dale Blasier, MD; Little Rock, AK
Jack Flynn, MD; Philadelphia, PA
Susan Scherl, MD; Omaha, NE

6:45am–8:15am ICL 10: Elbow Trauma: What's New? • ROOM 301A

Moderator: Graham J. W. King, MD, MSc, FRCSC; London, ON
Distal Humeral Fractures: ORIF, Hemiarthroplasty or Total Elbow Arthroplasty
Michael D. McKee, MD, FRCSC; Toronto, ON

Radial Head Fractures: Sling, ORIF, Hemiarthroplasty or Excision
Bernard F. Morrey, MD; Rochester, MN

Coronoid Fractures: Classification and Management
Graham J. W. King, MD, MSc, FRCSC; London, ON

Ligament Reconstruction for Acute and Subacute Instability of the Elbow
Ken Yamaguchi, MD; St. Louis, MO

6:45am–8:15am ICL 11: Common Oncologic Mishaps: How to Avoid them in General Practice • ROOM 302A

Moderator: Peter C. Ferguson, MD, MSc, FRCSC; Toronto, ON

Introduction and the Botched Biopsy
Peter C. Ferguson, MD, MSc, FRCSC; Toronto, ON

The Unrecognized Pathologic Fracture
Christian Ogilvie, MD; Philadelphia, PA

Arthroplasty in an Unrecognized Tumor
Ginger Holt, MD; Nashville, TN

Pathologic Fracture in the Patient Over 40 – Not Always a Metastasis!
Michelle Ghert, MD, FRCSC; Hamilton, ON

The Atraumatic Hematoma – Does it Exist?
Shannon Puloski, MD, FRCSC; Calgary, AB

ANNUAL MEETING AGENDA

8:00am–3:00pm Exhibits Open • Exhibit Hall 400A

8:30am–10:00am Symposium 4: Patient Safety in North America: Beyond Operate Through Your Initials and Sign Your Site • 200AB

Moderator: David A. Wong, MD, MSc, FRCSC; Greenwood Village, CO

Orthopaedic surgeons in Canada and the United States have been leaders in the patient safety movement. Both the Canadian Orthopaedic Association "Operate Through Your Initials" program and the American Academy of Orthopaedic Surgeons "Sign Your Site" initiative pre-date the 1999 Institute of Medicine's publication of "To Err is Human". This report estimated that between 44,000 and 98,000 patient deaths occurred in the US each year from medical errors. Subsequently, there has been widespread interest in patient safety and medical errors.

The symposium will report the most recent orthopaedic patient safety data from both countries. The latest Wrong Site Surgery results from the JCAHO Sentinel Event program will be presented. This analysis includes surprising statistics such as 17% of wrong site surgeries were in fact wrong patient surgeries and 8% were wrong procedures. Results from the recently completed AAOS member survey on medical errors and patient safety will be reviewed. Equipment and communication errors were the most frequent medical errors in the survey. Drug errors accounted for two patient deaths. A representative from the Canadian Medical Protective Association (CMPA – Canada's national professional liability insurance carrier) will discuss patient safety implications from the legal/malpractice perspective and review trends in liability suits filed and threatened.

Finally, the symposium will preview the newest orthopaedic patient safety initiatives and strategies. These include the patient safety curriculum developed for resident education and board recertification as well as "The Highly Reliable Operating Room" project.

Learning Objectives: At the conclusion of this symposium, attendees will be able to categorize the different incidents that make up "wrong site surgery", appreciate the legal and malpractice implications of medical errors, recognize the high risk situations for orthopaedic errors, identify the most frequent orthopaedic medical errors and consider strategies to avoid medical errors and keep patients safe.

Panelists:

History of Orthopaedic Patient Safety

Brendan D. Lewis, MD, FRCSC; Corner Brook, NL

Wrong Site Surgery One Year After Introduction of the Universal Protocol: The JCAHO Second Wrong Site Surgery Summit

David A. Wong, MD, MSc, FRCSC; Greenwood Village, CO

Results of the AAOS Patient Safety Member Survey: Lessons Learned

James H. Herndon, MD; Boston, MA

Future AAOS Patient Safety Initiatives: The Highly Reliable Operating Room

David A. Wong, MD, MSc, FRCSC; Greenwood Village, CO

Canadian Patient Safety

Claude Martin, MD; Ottawa, ON

10:00am–11:00am Presidential Guest Lecture: Health Care: A Tale of Two Countries • Marcia Angell, MD, MACP • ROOM 200AB

11:00am–12:15pm AOA & COA Presidential Installations • 200AB

12:15pm–1:00pm Lunch/Exhibits • EXHIBIT HALL 400A

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ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

12:15pm–2:30pm **Women in Orthopaedics Fifth Annual Luncheon**

• BEAUPORT ROOM, HILTON QUÉBEC

Guest Lecture: Sharon E. Straus, MSc, FRCPC, MD

Mentorship in Medicine: Myth or Reality?

Unrestricted educational grant provided by: DePuy Canada

1:00pm–2:30pm **Paper Session: Knee Reconstruction I • ROOM 303B**

Moderators: Vincent D. Pellegrini, Jr., MD; Michael Gross, MD, FRCSC

Paper 110 1:00

A Comparative Study of the Midvastus and Medial Parapatellar Approaches for Total Knee Arthroplasty in the Early Post-operative Period

Gabriel Ayonmibesimi Akra, Darlington, Durham, UK; M. Maru, Middlesbrough, Tees Valley, UK; A. Port, Middlesbrough, Tees Valley, UK; I. McMurtry, Middlesbrough, Tees Valley, UK

Paper 111 1:06

One-year Follow-up of MIS-Subvastus and Standard TKA Techniques: Clinical and Economic Outcomes

Jay A. Katz, Tucson, AZ; Nebojsa V. Skrepnik, Tucson, AZ; Russell G. Cohen, Tucson, AZ; John J. Wild, Tucson, AZ; Scott V. Slagis, Tucson, AZ; Murray F. Robertson, Tucson, AZ

1:12 Discussion

Paper 112 1:19

Is the Potential Utility of Modular Tibial TKA Components Realized?

A Minimum 15-year Follow-up of a Modular Tibial Tray TKA Construct

John J. Callaghan, Iowa City, IA; Andrew Malin, Iowa City, IA; Kevin Bozic, San Francisco, CA; Steve Liu, Iowa City, IA; Devon Goetz, West Des Moines, IA; Nicholas Sullivan, Iowa City, IA; Scott Kelley, Durham, NC

Paper 113 1:26

Gender Specific Total Knee Replacement Outcomes:

An Analysis Using Prospectively Collected Clinical Patient Data

Steven J. MacDonald, London, ON; Kory Charron, London, ON; Robert B. Bourne, London, ON; Richard W. McCalden, London, ON; Douglas D. Naudie, London, ON; Cecil H. Rorabeck, London, ON

Paper 114 1:32

Why Are Some Patients Dissatisfied with Their Primary Total Knee Arthroplasty (TKA)?

Robert B. Bourne, London, ON; B. M. Chesworth, London, ON; A. M. Davis, London, ON; K. D. J. Charron, London, ON; Group of Surgeons OJRR Surgeons, London, ON

1:38 Discussion

ANNUAL MEETING AGENDA

Paper 115 1:48

The Impact of Comorbidities on Outcomes in Revision TKA:

A Two-year Prospective Cohort Study

Khaled J. Saleh, Charlottesville, VA; William M. Mihalko, Charlottesville, VA; Thomas E. Brown, Charlottesville, VA; Quanjun Cui, Charlottesville, VA; Wendy Novicoff, Charlottesville, VA

Paper 116 1:54

Predictors of Acute Hospital Length of Stay following a Hip or Knee Replacement

Katherine Gooch, Calgary, AB; Julie Hibbert, Calgary, AB; Hoa Khong, Calgary, AB; Lu Liu, Calgary, AB; Leslie Dort, Calgary, AB; Doug Smith, Calgary, AB; Tracy Wasylak, Calgary, AB; Cyril B. Frank, Calgary, AB; D. William C. Johnston, Edmonton, AB; Tim J. Pearce, Red Deer, AB; Ron F. Zernicke, Calgary, AB

2:00 Discussion

Paper 117 2:07

Major Complications After Femoral Nerve Blocks for Knee Replacement:

A Cause for Concern

Robert J. Feibel, Ottawa, ON; Paul R. Kim, Ottawa, ON; Paul E. Beaulé, Ottawa, ON; Geoffrey F. Dervin, Ottawa, ON; Holly Evans, Ottawa, ON

Paper 118 2:13

Intra-articular Infiltration of Ropivacaine in Adjunction to Femoral Block After

Total Knee Replacement. A Prospective Randomized Study

Stéphane Pelet, Québec, QC; Anne-Marie Bédard, Québec, QC; Luc Bédard, Québec, QC

2:19 Discussion

1:00pm–2:30pm **Paper Session: Trauma III • ROOM 301A**

Moderators: Douglas R. Dirschl, MD; Ross K. Leighton, MD

Paper 119 1:00

Anterior versus Superior Plating of Fresh Midshaft Clavicular Fractures

Santosh Venkatachalam, Birtley, County Durham, UK; Chellappan Sivaji, Westcliff on Sea, Essex, UK; Greg J. Packer, Westcliff on Sea, Essex, UK; Allison Shipton, Westcliff on Sea, Essex, UK

Paper 120 1:06

The Effect of a Clavicle Shaft Fracture on General Health Status:

Results of a Prospective, Randomized Clinical Trial

Michael D. McKee, Toronto, ON; Charles Thompson, Toronto, ON; Lisa Wild, Toronto, ON; COTS, Toronto, ON; Emil H. Schemitsch, Toronto, ON;

Paper 121 1:12

Non-bridging External Fixator for Unstable Distal Radius Fracture.

A Prospective Randomized Study

Stéphane Pelet, Québec, QC; Jean Lamontagne, Québec, QC

1:18 Discussion

ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

Paper 122 1:27

CT Angiography for Pelvic Trauma Predicts Angiographically Treatable Arterial Bleeding

Paul Tornaetta, Boston, MA; Jodi Siegel, Boston, MA; Peter Burke, Boston, MA; Neema Kaseje, Boston, MA; Suresh Agarwal, Boston, MA; Jorge Soto, Boston, MA; Stephan Anderson, Boston, MA

Paper 123 1:33

The Treatment of Pelvis Fractures with Associated Urological Injury: Does the Type of Fixation Influence the Risk of Complications?

Pierre Guy, Vancouver, BC; Fayez Al-Sayegh, Vancouver, BC

Paper 124 1:39

Morbid Obesity: Is Operative Treatment of Displaced Acetabular Fractures Worth the Risk?

George Russell, Jackson, MS; Robert Dews, Jackson, MS; Scott Porter, Jackson, MS; Matthew Graves, Jackson, MS

1:45 Discussion

Paper 125 1:51

The Clamshell Osteotomy: A Simple Technique to Correct Multiplanar Diaphyseal Malunions

George Russell, Jackson, MS; Matt L Graves, Jackson, MS; Scott Porter, Jackson, MS; Michael Archdeacon, Cincinnati, OH; David P. Barei, Seattle, WA; Andy Brien, Jackson, MS

Paper 126 1:57

Distal Femur Fractures: A Comparison of Fixation Techniques

David Sanders, London, ON; Riley Campbell, London, ON; Mark Macleod, London, ON; Christina Tieszer, London, ON

2:03 Discussion

Paper 127 2:09

How Much Does the Addition of Locked Screws Add to the Stability of "Hybrid"

Paul Tornaetta, Boston, MA; Andrew Freeman, Minneapolis, MN; Andrew Schmidt, Minneapolis, MN; Joan Bechtold, Minneapolis, MN; William Ricci, St. Louis, MO; Mark Flemming, Minneapolis, MN

Paper 128 2:15

A Prospective Randomized Comparison of Open Reduction Internal Fixation (ORIF) of Calcaneus Fractures With and Without Tricortical Iliac Crest Bone Grafting (ICBG)

Rena Lorraine Stewart, Birmingham, AL; James Stannard, Birmingham, AL; David Volgas, Birmingham, AL; Justin Duke, Birmingham, AL; Jason Piefer, Birmingham, AL

2:21 Discussion

ANNUAL MEETING AGENDA

1:00pm–2:30pm Paper Session: Spine I • ROOM 302B

Moderators: William F. Donaldson, MD; Henry Ahn, MD, FRCSC

Paper 129 1:00

Use of the Lenke Classification for Double Thoracic Curves:

Daniel J. Sucato, Dallas, TX; Bryan Tompkins, Dallas, TX; Anna McClung, Dallas, TX

Paper 130 1:06

Interobserver and Intraobserver Reliability of Grading of Facet Arthrosis Utilizing CT and MRI

Mary Rose Cunningham, New York, NY; Martin Quirno, New York, NY; John Bendo, New York, NY; Jonathan Steiber, New York, NY

1:12 Discussion

Paper 131 1:18

Pre-operative Cross-Sectional Lumbar Paraspinal Muscle Area May Predict Clinical Outcomes Following Laminectomy

Maurice Tom-Pack, Ottawa, ON; Simon Dagenais, Ottawa, ON; Parham Daneshvar, Ottawa, ON; Eugene Kenneth Wai, Ottawa, ON; Lynn Ashdown, Ottawa, ON

Paper 132 1:24

Effect of Intervertebral Disk Height on Post-operative Motion Following Prodisc-C Cervical Disk Replacement

Martin Quirno, New York, NY; Jeffrey A. Goldstein, New York, NY; Benedict Peng, New York, NY; Thomas Errico, New York, NY; John A. Bendo, New York, NY; Jeffrey M. Spivak, New York, NY

1:30 Discussion

Paper 133 1:36

Influence of Sacral Morphology in Developmental Spondylolisthesis

Stefan Parent, Montreal, QC; Zhi Wang, Montreal, QC; Jean-Marc Mac-Thiong, Montreal, QC; Yvan Petit, Montreal, QC; Hubert Labelle, Montreal, QC

Paper 134 1:42

Assessment of B2A2-K-NS Peptide Coated on an Osteoconductive Granule in a Rabbit Posterolateral Fusion Model

Joseph D. Smucker, Iowa City, IA; John A. Bobst, Iowa City, IA; Emily Petersen, Iowa City, IA; Douglas Fredericks, Iowa City, IA

Paper 135 1:48

The Emergence of Internet-based Collaboration in Surgical Decision Making and New Technology Training

Paul Slosar, Daly City, CA; Jim A Youssef, Durango, CO; James Reynolds, Daly City, CA; Catherine A. Patty, Durango, CO; Darrel Brodke, Salt Lake City, UT

1:54 Discussion

Paper 136 2:03

The Incidence of Adjacent Segment Degeneration in Extended Thoracolumbar Fusions

Edward Peter Abraham, Saint John, NB; Neil Manson, Saint John, NB

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ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

Paper 137 2:09

Long-term Outcomes & Complications of Luque Unit Rod Instrumentation in Surgical Management of Cerebral Palsy and Neuromuscular Scoliosis
Andrew W. Howard, Toronto, ON

Paper 138 2:15

Local Administration of Morphine for Analgesia After Autogenous Iliac Crest Bone Graft Harvest – A Prospective Double Blinded Randomized Controlled Trial
Eugene Wai, Ottawa, ON; Seyon Sathiaselan, Ottawa, ON; Tom Polis, Ottawa, ON; Robin Cardman, Ottawa, ON; Donald Chow, Ottawa, ON; Garth E. Johnson, Ottawa, ON; Joseph O'Neil, Ottawa, ON

2:21 Discussion

1:00pm–2:30pm Paper Session: Hip Reconstruction III • ROOM 303A

Moderators: Andrew A. Freiberg, MD; Paul E. Beaulé, MD, FRCSC

Paper 139 1:00

The Impact of Glycemic Control and Diabetes on Peri-operative Outcomes After THA and TKA in the U.S.

Michael P. Bolognesi, Durham, NC; Nicholas A Viens, Durham, NC; Milford H. Marchant, Durham, NC; Thomas Parker Vail, San Francisco, CA; Chad Cook, Durham, NC

Paper 140 1:06

Risk of IA Steroid Hip Injection Prior to THA

Stephen Croft, St. John's, NL; Peter Rockwood, St. John's, NL

1:12 Discussion

Paper 141 1:18

Gap Filling and Enhanced Osteoconduction Associated with Alendronate Coated Porous Tantalum

Winston Kim, Manchester, UK; Don S. Garbuz, Vancouver, BC; Youxin Hu, Vancouver, BC; Ke Duan, Vancouver, BC; Bas A. Masri, Vancouver, BC; Wang Rizhi, Vancouver, BC; Clive P. Duncan, Vancouver, BC

Paper 142 1:24

Frozen Section Analysis at the Time of Revision to a Total Joint Arthroplasty in the Treatment for Non-union of Fractures About the Hip: A Useful Test?

D. Joshua Mayich, Kingston, ON; Mark Harrison, Kingston, ON; Sandip SenGupta, Kingston, ON

1:30 Discussion

Paper 143 1:36

Predictors of Length of Recovery and Likelihood of Progression to Total Hip Arthroplasty Following Hip Arthroscopy

Alison Klika, Cleveland, OH; Wael K. Barsoum, Cleveland, OH; Ho H. Lee, Cleveland, OH; Viktor Krebs, Cleveland, OH; Boris Bershady, Cleveland, OH

Paper 144 1:42

Impact of Total Hip Replacement on Resumption of Employment

Eric Bohm, Winnipeg, MB

ANNUAL MEETING AGENDA

Paper 145 1:48

Patient Burden for Annual Arthroplasty Follow-ups Compared to an Alternative Remote Assessment Model

Michael J. Dunbar, Halifax, NS; Allan Hennigar, Halifax, NS; Margaret Miedzyblocki, Halifax, NS; Freeman Lockhart, Halifax, NS; Michael Gross, Halifax, NS; J. David Amirault, Halifax, NS; Gerald Reardon, Halifax, NS

1:54 Discussion

Paper 146 2:03

A Comparison of the Efficacy and Safety of Oral Rivaroxaban and Subcutaneous Enoxaparin for Extended Thromboprophylaxis Following Total Hip Replacement: RECORD1

Richard J. Friedman, Charleston, SC; Bengt I. Eriksson, Goteborg, Sweden; Lars C. Borris, Aarhus, Denmark; Sylvia Haas, Munich, Germany; Menno V. Huisman, Leiden, Netherlands; Ajay K. Kakkar, London, UK; Tiemo J. Bandel, Wuppertal, Germany; Eva Muehlhofer, Wuppertal, Germany; Frank Misselwitz, Wuppertal, Germany; William Geerts, Toronto, ON

Paper 147 2:09

RECORD2: A Phase III Evaluation of the Efficacy and Safety of Extended Thromboprophylaxis with Rivaroxaban Compared with Short-term Enoxaparin Following Total Hip Replacement

Ajay K. Kakkar, London, UK; James Muntz, Houston, TX; Sylvia Haas, Munich, Germany; Benjamin Brenner, Haifa, Israel; Ola E. Dahl, London, UK; Bengt I. Eriksson, Goteborg, Sweden; Patrick Mouret, Frankfurt, Germany; Tiemo J. Bandel, Wuppertal, Germany; Andrea G. Sogliani, Milan, Italy

Paper 148 2:15

Total Joint Replacement Clinical Outcomes: The Difference Between Genders

Justin de Beer, Hamilton, ON; Dale Williams, Hamilton, ON; Danielle Petrucci, Hamilton, ON; Mitchell J. Winemaker, Hamilton, ON

2:21 Discussion

1:00pm–2:30pm Paper Session: Critical Issues • ROOM 302A

Moderators: Kevin Black, MD; Cyril B. Frank, MD, FRCSC

Paper 149 1:00

Exposure to Educational Resources Increases Interest in Orthopaedics Among Female Medical Students

Andrea L. Bowers, Philadelphia, PA; Jaimo Ahn, Philadelphia, PA; Jonathan Wanderer, Philadelphia, PA; Mary Ann E. Keenan, Philadelphia, PA

Paper 150 1:06

Do Men Outperform Women During Orthopaedic Residency Training?

Terence Gioe, Minneapolis, MN; Kate Pico, Minneapolis, MN; Ann E. Van Heest, Minneapolis, MN; Penny J. Sinner, St Paul, MN

Paper 151 1:12

The AOA Resident Leadership Forum of 2007:

Present State of the Current Fellowship Hiring Process

Anil Ranawat, New York, NY; Serena S. Hu, San Francisco, CA; William Levine, New York, NY; M. Niederle, New York, NY; Christopher Harner, Pittsburgh, PA

1:18 Discussion

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ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

Paper 152 1:29

Orthopaedic Surgeons as Key Players to Reduce the Health Care Gap in Osteoporosis

François Cabana, Sherbrooke, QC; Gilles Boire, Sherbrooke, QC; Michèle Beaulieu, Hudson, QC; Dominique Lambert, QC, Québec; Julie Robindaine, Sherbrooke, QC; Lyne Larivée, Sherbrooke, QC; Noémie Poirier, Sherbrooke, QC

Paper 153 1:35

Factors Influencing the Diagnosis and the Treatment of Osteoporosis Following a Fragility Fracture

Louis Bessette, Québec, QC; Jacques P. Brown, Québec, QC; Sonia Jean, Québec, QC; K. Shawn Davison, Québec, QC; Michèle Beaulieu, Kirkland, QC; Mirela Baranci, Laval, QC; Jennifer Bessant, Toronto, ON; Louis-Georges Ste-Marie, Montreal, QC

1:41 Discussion

Paper 154 1:48

Eradication of Methicillin-Resistant Staphylococcus Aureus and Methicillin-sensitive Staphylococcus Aureus Before Orthopaedic Surgery

John C. Richmond, Boston, MA; Maureen Spencer, Boston, MA; Susan M. Davidson, Boston, MA

Paper 155 1:54

Time of Exposure to C-arm Drape Contamination

Michael J. Prayson, Dayton, OH; Ronald J. Markert, Dayton, OH; Paul G. Peters, Dayton, OH; Richard T. Laughlin, Dayton, OH; Alison L. Manternach, Dayton, OH; Kyle L. Randall, Dayton, OH

2:00 Discussion

Paper 156 2:07

The Effects of MRI on Surgical Staples

Michael J. Prayson, Dayton, OH; Alison L. Manternach, Dayton, OH; Brian Imbrogno, Dayton, OH; Paul R. Sensiba, Dayton, OH; David O. Griffith, Dayton, OH; Indresh Venkatarayappa, Dayton, OH

Paper 157 2:13

What Authors Don't Tell Us? The Quality of Reporting of Orthopaedic Randomized Trials Using a Checklist for Non-pharmacological Therapies

Mohit Bhandari, Hamilton, ON; Simon Chan, Hamilton, ON

2:19 Discussion

1:00pm–2:30pm Paper Session: Upper Extremity • ROOM 301B

Moderators: Louis U. Bigliani, MD; Graham J. W. King, MD, MSc, FRCSC

Paper 158 1:00

Reverse Shoulder Arthroplasty: Indications and Results of the French Multicenter Study

Ryan T. Bicknell, Kingston, ON; Christopher Chuinard, Nice, Cote d'azur, France; Pascal Boileau, Nice, Cote d'azur, France

ANNUAL MEETING AGENDA

Paper 159 1:06

Instability After Reverse Shoulder Arthroplasty

Ryan T. Bicknell, Kingston, ON; Frederick Matsen, Seattle, WA; Gilles Walch, Lyon, Cote de Rhone, France; Laurent Nové-Josserand, Lyon, Cote de Rhone, France

Paper 160 1:12

A Prospective Study of the Early Complication Rate of the Initial 100

Reverse Total Shoulder Arthroplasties by a Single US Surgeon

J. Michael Wiater, Beverly Hills, MI; Laurence Kempton, Royal Oak, MI

1:18 Discussion

Paper 161 1:29

Periprosthetic Humeral Fractures During Shoulder Arthroplasty

George S. Athwal, London, ON; John W. Sperling, Rochester, MN; Robert H. Cofield, Rochester, MN; Damian M. Rispoli, Lackland, TX

Paper 162 1:35

Humeral Nonunions: Use of the Pedicled Lateral Border of Scapula

Ross M. Wilkins, Denver, CO; William C. Brown, Denver, CO; Cynthia M. Kelly, Denver, CO

1:41 Discussion

Paper 163 1:52

Radial Head Arthroplasty Overstuffing

George S. Athwal, London, ON; Kenneth J. Faber, London, ON; James A. Johnson, London, ON; Simon G. Frank, London, ON; Graham J. W. King, London, ON

Paper 164 1:57

Linked Elbow Replacement: A Salvage Procedure for Distal Humeral Nonunion

Christian Veillette, Toronto, ON; Akin Cil, Rochester, MN; Joaquin Sanchez-Sotelo, Rochester, MN; Bernard F. Morrey, Rochester, MN

2:03 Discussion

Paper 165 2:10

Chondrolysis of the Glenohumeral Joint

Stephen Lance Anderson, Saskatoon, SK; Mario R. Taillon, Saskatoon, SK; Mark Ernst, Saskatoon, SK

Paper 167 2:16

Factors Affecting Survivorship of the Humeral Component in Shoulder Arthroplasty

Christian Veillette, Toronto, ON; Akin Cil, Rochester, MN; Joaquin Sanchez-Sotelo, Rochester, MN; John Sperling, Rochester, MN; Robert Cofield, Rochester, MI

2:22 Discussion

2:30pm–2:45pm Health Break • EXHIBIT HALL 400A

2:45pm–4:15pm Tips and Tricks Video Sessions

2:45pm–4:15pm Tips and Tricks 1: Fractures of the Lower Leg • ROOM 301A

Moderator: Michael D. McKee, MD, FRCSC; Toronto, ON

Posterior Approach to the Distal Tibia

Pierre Guy, MDCM, MBA, FRCSC; Vancouver, BC

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ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

How I Fix a Comminuted Distal Femur Fractures

Hans J. Kreder, MD, MPH, FRCSC; Toronto, ON

How and Why I Nail the Tibia and Femur for Fractures about the Knee

David Templeman, MD, FRCPC; Minneapolis, MN

How I Fix a Patella Fracture

Paul Duffy, MD, FRCSC; Calgary, AB

How I Fix a Comminuted Tibial Plateau Fracture

Theodore Miclau, III, MD

Posterior Approach to Proximal Tibia: How and Why I Do This

Ross K. Leighton, MD, FRCSC; Halifax, NS

2:45pm–4:15pm Tips and Tricks 2: Arthroplasty Tips and Tricks • ROOM 303B

Moderator: Olga L. Huk, MD, MSc, FRCSC; Montreal, QC

Treatment of Labral Tears: Which Patient Will Improve and Which Will Deteriorate?

Marc Philippon, MD; Vail, CO

Isolated Patello-Femoral Arthroplasty

James P. McAuley, MD, FRCSC; London, ON

Navigation for TKA

Michael P. Bolognesi, MD; Durham, North Carolina

Navigation for Hip Resurfacing

Emil H. Schemitsch, MD, PhD, FRCSC; Toronto, ON

Applications of Porous Metal Implants for Challenging THA & TKA Bone Defects

G. Yves Laflamme, MD, FRCSC; Montreal, QC

Arthroplasty in the Dysplastic Hip

Jason R. Werle, MD, FRCSC; Calgary, AB

2:45pm–4:15pm Tips and Tricks 3: Sports Medicine Tips and Tricks

• ROOM 303A

Moderator: David Otto, MD, FRCSC; Edmonton, AB

Medial Patellofemoral Ligament Reconstruction

David Otto, MD, FRCSC; Edmonton, AB

Biceps Tenodesis

Martin Bouliane, MD, FRCSC; Edmonton, AB

Posterior Horn Medial Meniscal Root Repair

Christopher D. Harner, MD; Pittsburgh, PA

Double Bundle ACL Reconstruction

Freddie H. Fu, MD; Pittsburgh, PA

Arthroscopic Approach to the Posterior Ankle and Subtalar Joint

Ned Amendola, MD; Iowa City, IA

Medial Elbow Reconstruction

Jimmy Andrews, MD; Birmingham, AL

ANNUAL MEETING AGENDA

2:45pm–4:15pm Tips and Tricks 4: Foot & Ankle: I Want to Learn!

• ROOM 301B

Moderator: Mark Glazebrook, MSc, PhD, MD, FRCSC; Halifax, NS

1st MTP Hallux Rigidus Chylectomy or Surgical Fusion

Gregory C. Berlet, MD, FRCSC; Columbus, OH

1st MTP Hallux Rigidus MTP Hemiarthroplasty

John T. C. Lau, MD, FRCSC; Toronto, ON

Hallux Valgus Surgical Treatment Algorithm

Mark Easley, MD; Durham, NC

Hallux Valgus Surgical Treatment Techniques

Thomas Lee, MD; Columbus, OH

Tibiocalcaneal Fusion: Surgical Techniques

James Brodsky, MD; Dallas, TX

Bridge Plating in Midfoot Trauma

Murray Penner, MD, FRCSC; Vancouver, BC

Panel Q&A

Keith Wapner MD, FRCSC; Philadelphia, PA

2:45pm–4:15pm Tips and Tricks 5: Surgical Treatment of Spinal Deformity: State of the Art from Birth to the Grave • ROOM 302A

Moderator: Keith Bridwell, MD; St. Louis, MO

Purpose: To update the membership regarding indications for surgical treatment in children and adults. We will summarize our current recommended surgical treatment, but will also emphasize the limitations and problems.

Double Major Idiopathic Adolescent Scoliotic Treated Posteriorly from T4 to L3

Christopher W. Reilly, MD; Vancouver, BC

Long Instrumented Fusion to the Sacrum and Pelvis for Paralytic Scoliosis

B. Stephen Richards, MD; Dallas, TX

Reduction of a High-grade Spondylolisthesis

Keith Bridwell, MD; St. Louis, MO

Lumbar Instrumented Fusion and Decompression to the Sacrum and Pelvis for Degenerative Scoliosis

John Street, MD; Vancouver, BC

Pedicle Subtraction Procedure for Sagittal Imbalance

Stephen J. Lewis, MD, FRCSC; Toronto, ON

Correction of Adult Thoracic Deformity with Costotransversectomy Approaches

Chris Shaffrey, MD; Charlottesville, VA

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ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

2:45pm–4:15pm Tips and Tricks 6: Shoulder and Elbow • ROOM 302B

Shoulder: *Moderator:* Robert M. Hollinshead, MD, FRCSC; Calgary, AB

Elbow: *Moderator:* Bernard F. Morrey, MD; Rochester, MN

Hemiarthroplasty for Fracture

Joseph Zuckerman, MD; New York, NY

Double Row Rotator Cuff Repair

Ian K. Y. Lo, MD, FRCSC; Calgary, AB

Humeral Head Resurfacing

Anthony Miniaci, MD; Cleveland, OH

LUCL Reconstruction

William D. Regan, MD, FRCSC; Vancouver, BC

Elbow Arthroscopy

Ken Yamaguchi, MD; St. Louis, MO

Radial Head Arthroplasty

Kenneth J. Faber, MD, MHPE, FRCSC; London, ON

4:15pm–5:30pm Program Director Networking Reception • SOLARIUM

4:30pm–5:30pm Paper Session: Knee Reconstruction II • ROOM 303B

Moderators: Chitranjan S. Ranawat, MD; David Backstein, MD, FRCSC

Paper 168 4:30

Minimum Five-year Comparison of Fixed and Mobile Bearing Medial Compartment Arthroplasties

J. P. Whittaker, London, ON; James P. McAuley, London, ON; Douglas Naudie, London, ON

Paper 169 4:36

Fifteen-year Follow-up of the Miller-Galante Medial Unicompartmental Knee Arthroplasty

Brent Lanting, London, ON; Robert B. Bourne, London, ON; Cecil H. Rorabeck, London, ON; Jeff Guerin, London, ON; Douglas Naudie, London, ON

4:42 Discussion

Paper 170 4:50

Ten-year Results of TKA with Inset Patellar Components

Vaishnav Rajgopal, London, ON; Robert B. Bourne, London, ON; Richard W. McCalden, London, ON; Steven J. MacDonald, London, ON; Cecil H. Rorabeck, London, ON

Paper 171 4:56

Medium-term Results of Patellofemoral Joint Arthroplasty:

A Multi-surgeon, Multi-implant Study

Riazuddin Mohammed, Birmingham, UK; Ashwin Unnithan, Birmingham, UK; Kaustubh Durve, Birmingham, UK; Manish Bansal, Birmingham, UK; Tushar Jimulia, Birmingham, UK; Marcus Green, Birmingham, UK; Duncan Learmonth, Birmingham, UK

6:02 Discussion

ANNUAL MEETING AGENDA

Paper 172 6:10

Intra-operative Music Reduces Perceived Pain After TKA:

A Blinded, Prospective, Randomized, Placebo Controlled Trial

Xavier Simcock, New York, NY; William Macaulay, New York, NY; Richard Yoon, New York City, NY; Peter Chalmers, New York, NY; Jeffrey Geller, New York, NY; Howard Kiernan, New York, NY

Paper 173 6:16

Rivaroxaban Compared with Enoxaparin for Thromboprophylaxis

After Total Knee Replacement: The RECORD3 Trial

Michael R. Lassen, Hoersholm, Denmark; Walter Ageno, Varese, Italy; Tiemo J. Bandel, Wuppertal, Germany; Lars C. Borris, Aarhus, Denmark; Jay R. Lieberman, CT; Frank Misselwitz, Elberfeld, Germany; Nadia Rosencher, Paris, France; Alexander G. G. Turpie, Hamilton, ON

6:22 Discussion

4:30pm–5:30pm Paper Session: Sports Medicine Hip • 303A

Moderators: Marc J. Philippon, MD; Douglas Naudie, MD, FRCSC

Paper 174 4:30

Natural History of Femoroacetabular Impingement

John Clohisy, St. Louis, MO; Michael Dobson, St. Louis, MO; Lucian Warth, Iowa City, IA; Steve Liu, Iowa City, IA; Karen Steger-May, St. Louis, MO; John Callaghan, Iowa City, IA

Paper 175 4:36

Radiographic Quantification of Pincer Femoroacetabular Impingement

Prism Schneider, Calgary, AB; James N. Powell, Calgary, AB; Gerhard N. Kiefer, Calgary, AB; Bevan Frizzell, Calgary, AB

Paper 176 4:42

Determinants of Patient Satisfaction and Outcome Following Arthroscopic

Treatment of Femoroacetabular Impingement

Marc J. Philippon, Vail, CO; Yi-Meng Yen, Vail, CO; Karen K. Briggs, Vail, CO; David A. Kuppersmith, Vail, CO

4:48 Discussion

Paper 177 5:00

The Relationship of Traction Forces, Traction Time and Nerve Conduction

Abnormalities During Hip Arthroscopy

Scott D. M. Wotherspoon, London, ON; Kevin R. Willits, London, ON; Timothy J. Doherty, London, ON

Paper 178 5:06

Radiographic Determination of Acetabular Cartilage Delamination

in Patients with Labral Tears

Michael Tanzer, Montreal, QC; Marie Gdalevitch, Montreal, QC; Karen Smith, Montreal, QC

Paper 179 5:12

2-year Outcomes of Hip Arthroscopy

Marc J. Philippon, Vail, CO; Karen K. Briggs, Vail, CO; David A. Kuppersmith, Vail, CO

5:18 Discussion

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ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

4:30pm–5:30pm Paper Session: Tumor • 302A

Moderators: Regis J. O’Keefe, MD; Bas A. Masri, MD, FRCSC; Stephen Cannon, MA, MCh(Orth), FRCS, British Orthopaedic Association President

Paper 180 4:30

Fungating Soft Tissue Tumors of Limb and Limb Girdle

Buchi R. B. Arumilli, Crewe, Cheshire, UK; V. Lenin Babu, Manchester, Lancashire, UK; Tahir Khan, Manchester, Lancashire, UK; Ashok S. Paul, Manchester, Lancashire, UK; Anthony Chan, Manchester, Cheshire, UK

Paper 181 4:36

Prediction of Pathologic Fracture Risk of the Femur After Combined Modality Treatment for Soft Tissue Sarcoma of the Thigh

Yair Gortzak, Toronto, ON; Gina Lockwood, Toronto, ON; Ashish Mahendra, Toronto, ON; Ying Wang, Toronto, ON; Anthony Griffin, Toronto, ON; Benjamin Deheshi, Toronto, ON; Jay S. Wunder, Toronto, ON; Peter C. Ferguson, Toronto, ON

Paper 182 4:42

An Assessment of Factors Affecting Outcome in Patients Presenting with Metastatic Soft Tissue Sarcoma

Peter C. Ferguson, Toronto, ON; Anthony Griffin, Toronto, ON; Benjamin Deheshi, Toronto, ON; Jay S. Wunder, Toronto, ON

4:48 Discussion

Paper 183 5:00

Reconstruction of the Proximal Humerus for Bone Neoplasm

Using an Anatomic Shoulder Prosthesis

Christian Veillette, Toronto, ON; Akin Cil, Rochester, MN; Joaquin Sanchez-Sotelo, Rochester, MN; John Sperling, Rochester, MN; Robert Cofield, Rochester, MN

Paper 184 5:06

Limb Salvage Surgery for Soft Tissue Sarcoma of the Foot

Daniel Latt, San Diego, CA; Robert E. Turcotte, Montreal, QC; Marc H. Isler, Montreal, QC; Cindy Wong, Montreal, QC

Paper 185 5:12

Surgical Considerations for Limb Salvage in Soft Tissue Sarcomas of the Foot and Ankle

Anna Kulidjian, Toronto, ON; Benjamin Deheshi, Toronto, ON; Peter C. Ferguson, Toronto, ON; Jay S. Wunder, Toronto, ON; Robert S. Bell, Toronto, ON; Anthony Griffin, Toronto, ON

5:18 Discussion

ANNUAL MEETING AGENDA

4:30pm–5:30pm Paper Session: Pediatrics II • 302B

Moderators: James H. Beaty, MD; Douglas Hedden, MD, FRCSC

Paper 186 4:30

Correction of Femoral Deformity Using Six-axis Analysis and Circular External Fixator

Michael G. Vitale, New York, NY; Salih Marangoz, New York, NY; Jaime A. Gomez, New York, NY; Harold J. P. van Bosse, New York, NY; Joshua E. Hyman, New York, NY; David S. Feldman, New York, NY; Debra A. Sala, New York, NY; Matthew Stein, New York, NY

Paper 187 4:36

The Role of the AO External Fixator in Supracondylar Femoral Osteotomies in Children

John E. Handelsman, Larchmont, NY; Jacob Weinberg, Houston, TX

4:42 Discussion

Paper 188 4:55

Randomized Trial Comparing Arm Fracture Rates on School Playgrounds with Either Sand or Engineered Wood Fiber Surfaces

Andrew W. Howard, Toronto, ON

Paper 189 5:01

Evaluation of Pediatric Femur Fracture Techniques: Trochanteric Antegrade vs. Flexible Femur Nailing in Pediatric Femur Fractures

K. Kellie Leitch, London, ON; Timothy P. Carey, London, ON; Debra Bartley, London, ON; Jonathan Herbert, London, ON; Craig Black, London, ON; Virginia Gunn, London, ON

Paper 190 5:07

Percutaneous Bridge Plating for Pediatric Femoral Diaphyseal Fractures

Clifford B. Jones, Grand Rapids, MI; William D. Tressel, Grand Rapids, MI; Terrence J. Endres, Grand Rapids, MI; James R. Ringler, Grand Rapids, MI; David J. Bielema, Grand Rapids, MI

5:13 Discussion

4:30pm–5:30pm Paper Session: Spine II • 301A

Moderators: Carlo Bellabarba, MD; Marcel Dvorak, MD, FRCSC

Paper 191 4:30

Duration of Spinal Shock in Spinal Cord Injuries

Rajeshwar Nath Srivastava, Lucknow, UP, India

Paper 192 4:36

The Effect of Sitting Pressure on Ischial Blood Flow in Spinal Cord Injured Patients vs. Non-Injured Controls

Nicolas O. Noiseux, Iowa City, IA; David G. Lewallen, Rochester, MN

Paper 193 4:42

MEP/SSEP Monitoring in Spinal Deformity Surgery:

Incidence and Factors Leading to Significant Electrophysiologic Events

Michael G. Vitale, New York, NY; Derek W. Moore, New York, NY; Ronald G. Emerson, New York, NY; Hiroko Matsumoto, New York, NY; Jaime A. Gomez, New York, NY; Joshua E. Hyman, New York, NY; David P. Roye, New York, NY

4:48 Discussion

BADGES MUST BE WORN TO ALL FUNCTIONS AND SCIENTIFIC PRESENTATIONS

VOUS DEVEZ AVOIR VOTRE PORTE-NOM SUR VOUS EN TOUT TEMPS

ANNUAL MEETING AGENDA

FRIDAY, JUNE 6, 2008 CONTINUED

Paper 194 5:00

The Use of CT Angiograms to Access Vertebral Artery Injury Following Blunt Cervical Trauma

Thomas J. Moore, Atlanta, GA; E. Mark Hammerberg, Playa Del Ray, CA; Christopher Hermann, Atlanta, GA

Paper 195 5:06

A Randomized Trial of Balloon Kyphoplasty and Nonsurgical Care for Patients with Acute Vertebral Compression Fractures

Stephan W. J. Becker, Vienna, Austria; Douglas Wardlaw, Aberdeen, Scotland; Leonard Bastian, Hannover, Germany; Jan Van Meirhaeghe, Brugge, Belgium; Jonas Ranstam, Lund, Sweden; Steven Cummings, San Francisco, CA; Steven Boonen, Leuven, Belgium

Paper 196 5:12

Timing of Operative Fixation in Spine Fractures and its Effects on the Outcome

Hossein Pakzad, Ottawa, ON; Eugene K. Wai, Ottawa, ON; Simon Dagenais, Ottawa, ON

5:18 Discussion

4:30pm–5:30pm Paper Session: Hand/Wrist • 301B

Moderators: David R. Pichora, MD, FRCSC; Anthony Rankin, MD, American Academy of Orthopaedic Surgeons President

Paper 197 4:30

Biomechanical Evaluation of Locking Screw and Locking Smooth Peg Configurations for 4-Part Intra-articular Distal Radius Fractures

Paul A. Martineau, Montreal, QC; Thanapong Waitayawinyu, Seattle, WA; Kevin J. Malone, Seattle, WA; Douglas P. Hanel, Seattle, WA; Thomas E. Trumble, Seattle, WA

Paper 198 4:36

A Prospective, Randomized, Clinical Trial on Unstable Distal Radius Fractures: External Fixation versus Volar Plating versus Radial Column Plating

David Wei, New York, NY; Jason McKean, New York, NY; Clement Bottino, New York, NY; Noah Raizman, New York, NY; Charles Jobin, New York, NY; Robert Strauch, New York, NY; Melvin Rosenwasser, New York, NY

Paper 199 4:42

Key Pinch and Grasp in Tetraplegia: Is There a Benefit to Surgical Reconstruction

Peter T. Gropper, Vancouver, BC

4:48 Discussion

Paper 200 5:00

Management of the Central Extensor Tendon on the Surgical Approach for Exposure of the Proximal Interphalangeal Joint: A Biomechanical Study

Moheb S. Moneim, Albuquerque, NM; Deana Mercer, Albuquerque, NM; Jennifer Fitzpatrick, Albuquerque, NM; Keikhosrow Firoozbakhsh, Albuquerque, NM

ANNUAL MEETING AGENDA

Paper 201 5:06

Pattern of Tendon and Nerve Injuries: How Accurate is Pre-op Diagnoses?

Santosh Venkatachalam, Birtley, County Durham, UK; Patrick Gillespie, Chelmsford, Essex, UK; Sam Orkar, Chelmsford, Essex, UK; Fortune Iwuagwu, Chelmsford, Essex, UK

Paper 202 5:12

Prospective Analysis of the Four-strand Cruciate Repair Combined with an Early Active Protocol for Zone I and Zone II Flexor Tendon Lacerations

Charles Cassidy, Natick, MA; Taylor Horst, Boston, MA; Christy Wright, Boston, MA

5:18 Discussion

6:30pm–10:00pm A Night at the Museum (ticketed event)

• MUSÉE NATIONAL DES BEAUX ARTS

Attendees, spouses, guests, children and exhibitors are welcome to attend!

There will be limited tickets available on-site.

SATURDAY, JUNE 7, 2008

6:30am–9:30am Registration Open • BILLETTERIE

8:00am–11:00am Guest Hospitality Open • SOLARIUM

7:00am–8:30am Instructional Course Lectures (concurrent sessions)

7:00am–8:30am ICL 12: Hip Trauma • ROOM 301A

Moderator: Mohit Bhandari, MD, MSc, FRCSC; Hamilton, ON

Femoral Neck Fracture Fixation: Options and Evidence

G. Yves LaFlamme, MD, FRCSC; Montreal, QC

Femoral Neck Fracture Arthroplasty: Options and Evidence

James Goulet, MD; Ann Arbor, MI

Intertrochanteric Fractures: Are Sliding Hip Screws Still the Standard?

Pierre Guy, MDCM, MBA, FRCSC; Vancouver, BC

Intertrochanteric Fractures: What is the Role for Nails?

Kenneth J. Koval, MD; Lebanon, NH

Hip Fractures: Where is the Evidence Leading Us?

Mohit Bhandari, MD, MSc, FRCSC; Hamilton, ON

7:00am–8:30am ICL 13: Arthroplasty: Case-based Difficult Primary and Revision Total Knee Arthroplasty • ROOM 303B

Moderator: Justin De Beer, MD, FRCSC; Hamilton, ON

J. Rod Davey, MD, FRCSC; Toronto, ON

Paul R. Kim, MD, FRCSC; Ottawa, ON

William J. Maloney, MD; Stanford, CA

Étienne L. Belzile, MD, FRCSC; Québec, QC

Unrestricted educational grant provided by: Stryker Canada

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VOUS DEVEZ AVOIR VOTRE PORTE-NOM SUR VOUS EN TOUT TEMPS

ANNUAL MEETING AGENDA

SATURDAY, JUNE 7, 2008 CONTINUED

7:00am–8:30am ICL 14: Sports Medicine: Controversies in Managing Patients with Rotator Cuff and Biceps Disease: A Case-based Approach • ROOM 303A

Moderator: Darren S. Drosdowech, MD, FRCSC
William Levine, MD; New York, NY
Neal El Attrache, MD; Los Angeles, CA
Richard Boorman, MD, FRCSC; Calgary, AB
Robert Litchfield, MD, FRCSC; London, ON

7:00am–8:30am ICL 15: Foot and Ankle Trauma: Evidence-based Treatment • ROOM 301B

Moderator: Judith F. Baumhauer, MD; Rochester, NY

Stress Fractures of the Metatarsals

Timothy R. Daniels, MD, FRCSC; Toronto, ON

Talar Neck Fractures

Robert Adelaar, MD; Richmond, VA

Lis Franc Fractures

Alastair S. E. Younger, MD, FRCSC; Vancouver, BC

Calcaneal Fractures

Steven L. Haddad, MD; Glenview, IL

Ankle Fractures Type B

David W. Sanders, MD, FRCSC; London, ON

Arthroscopic Treatment for Ankle Fractures

Kevin Wing, MD, FRCSC; Vancouver, BC

Pilon Fractures

David B. Thordarson, MD; Los Angeles, CA

Cases and Discussion

Judith F. Baumhauer, MD; Rochester, NY

7:00am–8:30am ICL 16: Spine: Subspecialty Spine Education in Orthopaedics: What and How to Teach Spine to Orthopaedic Residents • ROOM 302B

Marcel F. Dvorak, MD, FRCSC; Vancouver, BC

The Canadian Perspective

Marcel F. Dvorak, MD, FRCSC; Vancouver, BC

What Should an Orthopaedic Graduate Know about Spine?

Douglas Hedden, MD, FRCSC, Edmonton, AB

Subspecialty Certification in Spine: Is it the Answer?

Frank J. Eismont, MD; Miami, FL

The Role of the Professional in Scientific Associations

Marc F. Swiontkowski, MD; Minneapolis, MN

ANNUAL MEETING AGENDA

7:00am–8:30am ICL 17: Hand • ROOM 302A

Moderator: C. Vaughan A. Bowen, MD, FRCSC; Calgary, AB

Introduction

Topic 1: Advances in Treatment of Scapholunate Dissociation: Capsulodesis, Ligament Reconstruction, Bone-Tissue-Bone Repairs

Edward J. Harvey, MD, FRCSC; Montreal, QC

Terry R Light, MD; Maywood, IL

Topic 2: SLAC Wrist Salvage: Proximal Row Carpectomy or Four Corner Fusion?

Herbert P. von Schroeder, MD, FRCSC; Toronto, ON

Fraser J. Leversedge, MD; Denver, CO

8:45am–10:15am Symposium 5: Obesity in North America: How the Epidemic Affects Orthopaedic Care • ROOM 200AB

Moderator: Paul Tornetta, III, MD; Boston, MA

This symposium will be focused on the epidemic of obesity and its affect on the care of orthopaedic patients. All speakers will provide an evidence based review of how obesity affects the treatment and outcomes of patients with orthopaedic problems. The panel will provide suggestions for improvements in the management of such patients. Included will be a discussion of general health issues as well as disease specific and procedural recommendations.

Learning Objective: Upon completion of this symposium, attendees will be equipped with information needed to understand the obesity epidemic and how it relates to caring for orthopaedic patients.

Panelists:

Introduction

Paul Tornetta, III, MD; Boston, MA

The Obesity Epidemic and the Effect of Obesity on Overall Health

Arya M. Sharma, MD/PhD, FRCPC, Professor of Medicine & Chair for Cardiovascular Obesity Research and Management; Edmonton, AB

Pediatric Orthopaedics and Obesity

Benjamin A. Alman, MD, FRCSC; Toronto, ON

The Obese Trauma Patient

George V. Russell, MD; Jackson, MS

Total Joint Reconstruction in the Obese

Bas A. Masri, MD, FRCSC; Vancouver, BC

SATURDAY, JUNE 7, 2008 CONTINUED

10:15am–11:45am Symposium 6: Evidence-based Approach to Bringing
New Orthopaedic Devices to Market • ROOM 200AB

Moderator: Emil H. Schemitsch, MD, FRCSC; Toronto, ON

This symposium will discuss how the explosion in new technology in orthopaedics has increased the pressure to bring new orthopaedic devices to market. Many products have come to market with varying degrees of evidence and mixed results. Attendees will hear how evidence currently factors into the process and how this may be in conflict with market forces. A structured approach to bringing new orthopaedic devices to market will be presented.

Panelists:

Product Development: How Do We Incorporate Evidence into the Process?

Mohit Bhandari, MD, MSc, FRCSC; Hamilton, ON

Pre-clinical Data: How Much Experimental Data Do We Need to Move to Clinical Studies?

Joshua J. Jacobs, MD; Wilmette, IL

The Pivotal Case Series: "Do we need anything more?"

Scott Boden, MD; Atlanta, GA

The Role of RCTs and Registries: Is There a Minimum Amount of Evidence Which Is Required?

Robert B. Bourne, MD, FRCSC; London, ON

How Well Is It Working in 2008: The Effect of Market Forces

Kevin J. Bozic, MD, MBA; San Francisco, CA

END OF MEETING

CATEGORY: Canadian Orthopaedic Research Society

001 – Familial Clustering of Ewing's Sarcoma Observed
in a Population-based Resource

R. Lor Randall, Salt Lake City, UT; Lei L. Chen, Salt Lake City, UT; Cheryl Coffin, Salt Lake City, UT; Richard Kerber, Salt Lake City, UT; Stephen Lessnick, Salt Lake City, UT; Lisa A. Cannon-Albright, Salt Lake City, UT

002 – A Heritable Contribution to Malignant Fibrous Sarcomas

R. Lor Randall, Salt Lake City, UT; Stephen Lessnick, Salt Lake City, UT; Richard Kerber, Salt Lake City, UT; Cheryl Coffin, Salt Lake City, UT; Courtney Scaife, Salt Lake City, UT; Robert Andibacka, Salt Lake City, UT; Lisa A. Cannon-Albright, Salt Lake City, UT

003 – A Novel Targeted Oncolytic Virus Approach for Diffuse Metastatic Disease

Christopher W. Brown, Kemptville, ON; John C. Bell, Ottawa, ON; Joel WVerier, Ottawa, ON

004 – Correlation Between Subjective Pain Level and Knee Joint Loading
in Patients with Bilateral Knee Osteoarthritis

Kengo Harato, Tokyo, Japan; Fumihiko Yoshimine, Tokyo, Japan

005 – Virtual Implantation of Humeral Components in Elbow Replacement
Surgery: An Analysis of Fit

James R. Brownhill, London, ON; Stefanie Konowalczyk, London, ON; James A. Johnson, London, ON; Graham J. W. King, London, ON

006 – Influence of RNA Binding Proteins on Translational Regulation
of Cyclooxygenase-1 mRNA

Natalia Bunimov, Ottawa, ON; Odette Laneuville, Ottawa, ON

007 – An Automated Method for Neck-Shaft Angle Determination
in Hip Resurfacing Arthroplasty

Michael Olsen, Toronto, ON; Lyle Gordon, Toronto, ON; Emil H. Schemitsch, Toronto, ON; Cari M. Whyne, Toronto, ON

008 – Versican G3 Domain Promotes the Growth of Mammary Tumor Cells
Via Upregulating EGFR/ERK Pathway

Du Weidong, Toronto, ON; Burton Yang, Toronto, ON; Bing Yang, Toronto, ON; Zhaoqiong Deng, Toronto, ON; Daniel Lee, Toronto, ON; Albert Yee, Toronto, ON

009 – Early and Mid-term Histological Events During Single Level
Posterolateral Intertransverse Process Fusion with rhBMP-2/ACS and
a Ceramic Bulking Agent in a Non-human Primate Model: Implications
for Bone Graft and Fusion Bed Preparation

Munish C. Gupta, Sacramento, CA; Safdar N. Khan, Sacramento, CA; Jeffery Toth, Milwaukee, WI; Steven Glassman, Louisville, KY

010 – Measuring Hip Cartilage Deformation Under Load With 7.0T qMRI

Laura L. Greaves, Vancouver, BC; Michael Gilbert, Vancouver, BC; Andrew Yung, Vancouver, BC; Piotr Kozlowski, Vancouver, BC; Aaron T. Hecker, Andover, MA; David R. Wilson, Vancouver, BC

POSTERS

- 011 – Electromyographic Assessment of Trunk Muscle Activation Amplitude Patterns During Simulated Occupational Lifting Demands Using Pattern Recognition Techniques**
Heather Lynn Butler, Montreal, QC; John Kozey, Halifax, NS; Cheryl L Hubley-Kozey, Halifax, NS
- 012 – BiPhasic Profile Of 14C-Labeled Zoledronic Acid Elution From Porous Tantalum Implants**
Michael Tanzer, Montreal, QC; Jacintha Roberts, Montreal, QC; Jan Krygier, Montreal, QC; Dorota Karabasz, Montreal, QC; Dennis Bobyn, Montreal, QC
- 013 – Computed Tomography Topographical Mapping of Bone Density (CT-MoBD) in Osteoarthritic and Normal Tibiae and Patellae: Preliminary Findings**
James D. Johnston, Vancouver, BC; Bas A. Masri, Vancouver, BC; David R. Wilson, Vancouver, BC
- 014 – Calcification in Apical and Non Apical Adolescent Idiopathic Scoliotic Intervertebral Discs**
Fackson Mwale, Montreal, QC; Amélie Rioux, Montreal, QC; Hong Tian Wang, Montreal, QC; Alain Petit, Montreal, QC; Laura Mery Epure, Montreal, QC; John Antoniou, Montreal, QC; Jean A. Ouellet, Montreal, QC
- 015 – Micropatterning on Nitrogen and Ammonia Treated Surfaces as a Means of Distinguishing Between the Nucleus Pulposus and Cartilage Phenotypes**
Fackson Mwale, Montreal, QC; Nial A. Bullett, Montreal, QC; Alain Petit, Montreal, QC; John Antoniou, Montreal, QC; Sophie Lerouge, Montreal, QC; Michael R. Wertheimer, Montreal, QC
- 016 – Oncolytic Viral Therapy: A Novel Biotherapeutic Approach in Treating Ewing's Sarcoma**
Joel Werier, Ottawa, ON; Hesham Abdelbary, Ottawa, ON; Christopher Brown, Kemptville, ON; John Bell, Ottawa, ON
- 017 – Histone Deacetylase Inhibitors and Oncolytic Viruses: A Combination Tumor Targeting Therapy**
Hesham Abdelbary, Ottawa, ON; Joel Werier, Ottawa, ON; John Bell, Ottawa, ON
- 018 – The Development and Validation of Computer-assisted Total Elbow Arthroplasty**
James R. Brownhill, London, ON; Louis M. Ferreira, London, ON; Colin P. McDonald, London, ON; J. Whitcomb Pollock, London, ON; James A. Johnson, London, ON; Graham J. W. King, London, ON
- 019 – A Comparison of Micro-CT, Histology and Bioluminescent Imaging: Tracking Metastatic Breast Cancer in the Rodent Spine**
Cari Whyne, Toronto, ON; Michael Hardisty, Toronto, ON; Margarete Aken, Toronto, ON; Albert Yee, Toronto, ON
- 020 – A New Biphasic Visco-hyperelastic Model to characterize Tissue Engineered Substitutes for the Nucleus Pulposus**
Lyle Gordon, Toronto, ON; Isaac L. Moss, Toronto, ON; Albert Yee, Toronto, ON; Kimberly Woodhouse, Toronto, ON

POSTERS

- 021 – Assessment of the Therapeutic Window of Photodynamic Therapy Treatment (PDT) of Breast Cancer Metastases in the Spine**
Margarete K. Akens, Toronto, ON; Michael Hardisty, Toronto, ON; Brian C. Wilson, Toronto, ON; Shane Burch, San Francisco, CA; Cari M. Whyne, Toronto, ON; Stuart K. Bisland, Toronto, ON; Albert J Yee, Toronto, ON
- 022 – Descriptive Epidemiology of Limb Sarcomas: A North West of England Center Experience**
Anthony Chan, Manchester, England, UK; Lenin Babu, Manchester, England, UK; Buchi RB Arumilli, Manchester, England, UK; Tahir Khan, Manchester, England, UK; Ashhok Samuel Paul, Manchester, England, UK
- 023 – A Comparison of 1-year Patient Outcomes in Patients Receiving Hip Resurfacing Compared to Conventional Primary Total Hip Replacements**
Katherine Gooch, Calgary, AB; Greg O'Connor, Edmonton, AB; Hoa Khong, Calgary, AB; Leslie Dort, Calgary, AB; Lu Liu, Calgary, AB; Julie Hibbert, Calgary, AB; Tanya Christiansen, Calgary, AB; Cyril B. Frank, Calgary, AB; James N. Powell, Calgary, AB; Jason Werle, Calgary, AB; James R. Mackenzie, Calgary, AB
- 024 – Efficiencies of Metal-on-Metal Hip Resurfacing Compared to Conventional Total Hip Replacements in Young Adults**
Kathy Gooch, Calgary, AB; Hoa Khong, Calgary, AB; Lu Liu, Calgary, AB; Julie Hibbert, Calgary, AB; Tanya Christiansen, Calgary, AB; Cyril B. Frank, Calgary, AB; Greg O'Connor, Edmonton, AB; James N. Powell, Calgary, AB; Jason Werle, Calgary, AB; James R. MacKenzie, Calgary, AB
- 025 – Development of a CT-based Method to Quantify Articular Contact for the Distal Radioulnar Joint**
Colin P. McDonald, London, ON; Emily A. Lalone, London, ON; James A. Johnson, London, ON; Gillian S. Fraser, London, ON; Graham J. W. King, London, ON
- 026 – The Effect of Soft Tissue Releases on the Functional Flexion Axis of the Knee**
Geoff Mackenzie, London, ON; Matthew G. Snyder, London, ON; David G. Chess, London, ON; James A. Johnson, London, ON
- 027 – Accuracy of Coding for Revision of Total Hip and Total Knee Replacements in Hospital Discharge Abstracts**
Parham Daneshvar, Ottawa, ON; Geoffrey Dervin, Ottawa, ON; Alan Forster, Ottawa, ON; Parham Rasoulinejad, Ottawa, ON
- 028 – Isolation of a Subpopulation of Human Mesenchymal Stem Cells with Enhanced Matrix Forming Potential**
Charles C. Secretan, Edmonton, AB; Jenn Bater, Edmonton, AB; Nadr Jomha, Edmonton, AB; Keith Bagnall, Edmonton, AB
- 029 – Evaluation of the Chondrocyte Primary Cilium in Bardet-Biedl Syndrome**
Anjan P. Kaushik, Charlottesville, VA; James Martin, Charlottesville, VA; Qihong Zhang, Charlottesville, VA; Val Sheffield, Charlottesville, VA; Jose Morcuende, Charlottesville, VA
- 030 – Synthetic Mesh Repair of the Shoulder Joint After Surgical Resection Around the Shoulder Joint**
Yair Gortzak, Toronto, ON; Ashish Mahendra, Toronto, ON; Peter C. Ferguson, Toronto, ON; Anthony Griffin, Toronto, ON; Jay S. Wunder, Toronto, ON

031 – Correlation of MSTS-87 & TESS Functional Evaluation Scores Following Endoprosthetic Replacement for Bone Sarcoma

Ashish Mahendra, Toronto, ON; Anthony Griffin, Toronto, ON; Celeste Yu, Toronto, ON; Yair Gortzak, Toronto, ON; Robert S. Bell, Toronto, ON; Peter C. Ferguson, Toronto, ON; Jay S. Wunder, Toronto, ON; Aileen Davis, Toronto, ON

CATEGORY: Adult Reconstruction – Hip

032 – Orthopaedic Surgeon Workforce and Volume Assessment for THA and TKA in the US – Preparing for an Epidemic

Richard Iorio, Burlington, MA; William J. Robb, Glenview, IL; William L. Healy, Burlington, MA; Daniel J. Berry, Rochester, MN; William J. Hozack, Philadelphia, PA; Richard F. Kyle, Minneapolis, MN; David G. Lewallen, Rochester, MN; Robert T. Trousdale, Rochester, MN; William A. Jiranek, Richmond, VA; Van P. Stamos, Glenview, IL; Brian S. Parsley, Houston, TX

033 – Systemic Absorption of Gentamicin Irrigation in Joint Replacement Surgery

Aaron B. Ng, Vancouver, BC; Boon Chong Se To, Pulau Pinang, Penang, Malaysia; Keat Lee, Pulau Pinang, Penang, Malaysia

034 – Embryology of the Acetabular Labral-Chondral Complex

Megan S. Cashin, Ottawa, ON; Michelle O'Neill, Ottawa, ON; Paul E. Beaulé, Ottawa, ON; Hans K. Uthoff, Ottawa, ON

035 – Mid-term Clinical and Wear Results of Highly Cross-Linked Polyethylene Acetabular Components

Andrew A. Freiberg, Boston, MA; Charles Bragdon, Boston, MA; Meredith Greene, Boston, MA; Jeffrey Geller, Boston, MA; Min Kwon, Boston, MA; Henrik Malchau, Boston, MA

036 – Computer Navigated Hip Resurfacing Arthroplasty

Michael Olsen, Toronto, ON; Emil H. Schemitsch, Toronto, ON

037 – Composite Femoral Component in THA: Prospective, Randomized, Clinical, Radiographic and DXA Comparison

Russell G. Cohen, Tucson, AZ; Nebojsa V. Skrepnik, Tucson, AZ; Lawrence R. Housman, Tucson, AZ; Jay A. Katz, Tucson, AZ; Scott V. Slagis, Tucson, AZ

038 – The Minimal-incision Anterolateral Technique for Primary THA: A Modified Watson-Jones Approach

John A. Maltry, Tucson, AZ; Russell G. Cohen, Tucson, AZ; Nebojsa V. Skrepnik, Tucson, AZ

039 – Modular Tantalum Augments for the Reconstruction of Large Acetabular Defects in Revision Hip Arthroplasty

Donald S. Garbuz, Vancouver, BC; Alexander W. Siegmeth, Vancouver, BC; Nelson V. Greidanus, Vancouver, BC; Clive P. Duncan, Vancouver, BC; Bas A. Masri, Vancouver, BC

040 – Was the PCA THR That Bad? Minimum Twenty-year Outcome of Primary PCA Cementless Total Hip Arthroplasty

John J. Callaghan, Iowa City, IA; Matthew Tuesink, Iowa City, IA; Jeffrey Giuliani, Iowa City, IA; John Xenos, Colorado Springs, CO; Steve Liu, Iowa City, IA; Carlton Savory, Columbus, GA

041 – Total Hip Replacement in Patients 25 Years of Age and Younger

John J. Callaghan, Iowa City, IA; Chris Wells, Iowa City, IA; Steve Liu, Iowa City, IA; David Hennessy, Iowa City, IA

042 – Five to Ten-year Follow-up of Cementless Total Hip Arthroplasty in Patients Age 50 and Under, Using a Conetemporary Extensively Coated Femoral Implant

John J. Callaghan, Iowa City, IA; Catherine Metz, Iowa City, IA; Steve Liu, Iowa City, IA; Lucian Warth, Iowa City, IA; Young-Yool Chung, Iowa City, IA; Chris Wells, Iowa City, IA

043 – Free Vascularized Fibular Grafting Preserves Athletic Ability in Patients with Osteonecrosis

Vani Sabesan, Durham, NC; Dawn Pedrotty, Durham, NC; James Urbaniak, Durham, NC; Julian Aldridge, Durham, NC

044 – Vitamin E Stabilized Highly Cross-linked UHMWPE for Total Hip Replacement

Andrew A. Freiberg, Boston, MA; K. K. Wannomae, Boston, MA; Ebru Oral, Boston, MA; Orhun Muratoglu, Boston, MA; Henrik Malchau, Boston, MA

045 – Influence of Femoral Component Design on Cement Penetration in Hip Resurfacing Arthroplasty

Wadih Y. Matar, Ottawa, ON; Philippe Poitras, Ottawa, ON; Kevin Smit, Ottawa, ON; Olivier May, Lille, Nord, France; Paul E. Beaulé, Ottawa, ON

046 – Metal Ion Levels In Hip Implant Patients Having Bearings With and Without Differential Hardness

Joel Batts, Arlington, TN; Scott Corpe, Arlington, TN; Harlan Amstutz, Arlington, TN; Michael Anderson, Arlington, TN; C. Lowry Barnes, Arlington, TN; George Markovich, Arlington, TN; Andrew Parr, Arlington, TN; Joshua Jacobs, Arlington, TN

047 – Clinical and Radiographic Review of Acetabular Antiprotusio Cages for Treatment of Severe Acetabular Defects

Osama Gharsaa, Hamilton, ON; Justin de Beer, Hamilton, ON; Danielle Petrucci, Hamilton, ON; Mitchell J. Winemaker, Hamilton, ON

048 – Outcomes Following Total Hip Arthroplasty for Post-traumatic Arthritis Secondary to Acetabular Fractures

Khalid A. M. Al Saleh, Hamilton, ON; Justin de Beer, Hamilton, ON; Danielle Petrucci, Hamilton, ON; Mitchell J. Winemaker, Hamilton, ON

049 – Leg Lengths After Total Hip Arthroplasty: Use of a Patient Specific Pre-operatively Planned Femoral Neck Resection

Thomas J. Blumenfeld, Sacramento, CA; William L. Bargar, Sacramento, CA

050 – Metal Ion Levels Trends at up to Three Years in Ceramic-on-Metal Hip Bearings. Part of a Prospective Randomized THR Bearing Surface Study

Anton Schepers, Morningside, Gauteng, South Africa; Dick van der Jagt, Morningside, Gauteng, South Africa; John Fisher, Morningside, Gauteng, South Africa; Anke Breckon, Morningside, Gauteng, South Africa; Graham Isaac, Morningside, Gauteng, South Africa; Sophie Williams, Leeds, UK

051 – Percutaneously-assisted Total Hip Arthroplasty (PATH): A Less Invasive Technique

Joel Batts, Arlington, TN; Brad Penenberg, Arlington, TN; Seth Bolling, Arlington, TN

052 – Mid-term Results of an Uncemented Acetabular Component in Total Hip Arthroplasty

Emil H. Schemitsch, Toronto, ON; Michael Lutz, Toronto, ON; Oliver Keast-Butler, Toronto, ON; M. Zhong, Toronto, ON; James P. Waddell, Toronto, ON

053 – The Effect of Femoroacetabular Impingement on Hip Kinematics

Matthew Joel Kennedy, Ottawa, ON; Mario Lamontagne, Ottawa, ON; Paul E. Beaulé, Ottawa, ON

054 – Dislocation, Infection and Nerve injury after Revision Total Hip Arthroplasty – Does Revision Type Make a Difference?

Oleg Safir, Toronto, ON; Yona Kosashvili, Toronto, ON; David Backstein, Toronto, ON; Allan Gross, Toronto, ON

055 – Dislocation and Infection After Revision Total Hip Arthroplasty – Comparison Between the First, Recurrent and Multiply Revised Total Hip Arthroplasty

Yona Kosashvili, Toronto, ON; Oleg Safir, Toronto, ON; David Backstein, Toronto, ON; Allan Gross, Toronto, ON

056 – The Use of Shared Medical Appointments for Patients with Hip and Knee Degenerative Disease Who are Considering Surgery

Ivan Tomek, Lebanon, NH; Deborah Jadczyk, Lebanon, NH; Stephen R. Kantor, Lebanon, NH; Deborah Martin, Lebanon, NH

057 – The Accuracy of a Lateral Injection of the Hip Joint Without Image Guided Assistance

Yona Kosashvili, Toronto, ON; Mark I. Loebenberg, Toronto, ON; David Backstein, Toronto, ON; Rami Kardosh, Toronto, ON; Oleg Safir, Toronto, ON; Nahum Halperin, Toronto, ON

058 – Survey of the Canadian Academic Experience with Hip Resurfacing Arthroplasty

Michelle E. O'Neill, Halifax, NS

CATEGORY: Adult Reconstruction – Knee

059 – Mid to Long-term Results of Hybrid Cement Technique in Revision Knee Arthroplasty

Gavin C.A. Wood, Chorley, Lancashire, UK; Douglas Naudie, London, ON; Steven MacDonald, London, ON; Richard W. McCalden, London, ON; Robert B. Bourne, London, ON

060 – All-Polyethylene Tibial Component Unicompartment Arthroplasty

Anil Ranawat, New York, NY; Sarah Henry, Pittsburgh, PA; Gregory Bonci, Pittsburgh, PA; James Irrgang, Pittsburgh, PA; Christopher Harner, Pittsburgh, PA

061 – Is There a Role for Aspirin for VTE Prophylaxis in Total Knee Replacement?

Kevin J. Bozic, San Francisco, CA; Thomas P. Vail, San Francisco, CA; Andrew Auerbach, San Francisco, CA

062 – Repeat Interventions of Oxford Unicompartmental Knee Replacements. Experience from One High Volume Clinic

Marcia Clark, Calgary, AB

063 – Impact of Gender on Self-efficacy and Expectations in Candidates for Total Knee Arthroplasty

Stewart Wright, Toronto, ON; Helen Razmjou, Toronto, ON; Yael Shaked, Toronto, ON; Kathy Workman, Toronto, ON

064 – Impact of Response Shift on Accuracy of Outcome Assessment in Patients Undergoing Total Knee Replacement Surgery

Helen Razmjou, Toronto, ON; Carolyn E. Schwartz, Concord, Massachusetts; Albert Yee, Toronto, ON; Joel Finkelstein, Toronto, ON

065 – External Tibial Torsion as a Cause of Lateral Compartment Osteoarthritis of the Knee

John Cameron, Toronto, ON; S. Misra, Toronto, ON

066 – A Systematic Literature Review of Evidence Towards Joint Replacement Waiting Time Benchmarks

Eric Bohm, Winnipeg, MB; Michael J. Dunbar, Halifax, NS; Claudia Sanmartin, Ottawa, ON; Tom Noseworthy, Calgary, AB; Western Canada Waiting List Investigators, Calgary, AB

067 – Pre-operative Treatment of Anemia in Joint Replacement Patients Decreases Blood Transfusion and Improves Outcomes

Richard Kevin Spence, Cherry Hill, NJ; Michael Ellis, Baltimore, MD; Samuel Sydney, Baltimore, MD; Patricia Parce, Braintree, MA; Mark Popvsky, Braintree, MA

068 – Factors Associated with Poor Function and Quality of Life in Patients Entering Waiting Lists for Knee Replacement Surgery

Étienne L. Belzile, Québec, QC; François Desmeules, Québec, QC; Clermont Dionne, Québec, QC; Pierre Frémont, Québec, QC; Elisabeth Maunsell, Québec, QC; Renée Bourbonnais, Québec, QC; Sophie Lauzier, Québec, QC; Belkacem Abdous, Québec, QC; Jean-Pierre L. Grégoire, Québec, QC

POSTERS

069 – *In vivo* Knee Moments and Shear After Total Knee Arthroplasty

Clifford W. Colwell, La Jolla, CA; Darryl D. D'Lima, La Jolla, CA; Shantanu Patil, La Jolla, CA; Nikolai Stekov, La Jolla, CA; Peter Chen, La Jolla, CA

070 – Sequentially Cross Linking of Polyethylene Protects Knee Arthroplasty Inserts From Wear and Oxidative Damage

Clifford W. Colwell, La Jolla, CA; Juan C. Hermida, La Jolla, CA; Andrew Fischler, La Jolla, CA; Darryl D. D'Lima, La Jolla, CA

071 – Prospective Randomized Clinical Comparison of Computer-assisted Total Knee Arthroplasty (StealthStation® TREON™ Zimmer EM Imageless Knee Application) and Conventional Total Knee Arthroplasty

John Maltry, Tucson, AZ; Nebojsa Skrepnik, Tucson, AZ

072 – Relationship Between Satisfaction and Expectation Fulfillment One Year Following Total Knee Arthroplasty Surgery

Helen Razmjou, Toronto, ON; Hans Kreder, Toronto, ON; Albert Yee, Toronto, ON; Joel Finkelstein, Toronto, ON

073 – A Savings in Health Care Dollars: Day Surgery with the Oxford Unicodylar Knee Arthroplasty

Vikram Venugopal, Dartmouth, NS

074 – Five To Seven-year Results Of The ADVANCE® Medial Pivot Knee

Joel Batts, Arlington, TN; Michael Anderson, Milwaukee, WI; Marc Goossens, Arlington, TN; Catherine Van Der Straeten, Arlington, TN

075 – Comparison of MIS vs. Non-MIS Total Knee Arthroplasty Using the Subvastus Approach

Laurie W. Barron, Winnipeg, MB; Kelly Trask, Halifax, NS; Gwen Dobbin, Halifax, NS; Ross K. Leighton, Halifax, NS

076 – Matched Case-control Study of One-year Clinical Outcomes Among Total Knee Arthroplasty Patients with and without Diabetes Mellitus

Vikram Venkateswaran, Hamilton, ON; Mitchell J. Winemaker, Hamilton, ON; Danielle Petrucci, Hamilton, ON; Justin de Beer, Hamilton, ON

077 – The Results of Knee Manipulation for Stiffness After Total Knee Arthroplasty with and without an Intra-articular Steroid Injection

Vineet Sharma, New York, NY; Aditya Maheshwari, New York, NY; Amar S. Ranawat, New York, NY; Chitranjan S. Ranawat, New York, NY

078 – Impact of Diabetes on Outcomes after Revision Total Knee Arthroplasty: A Prospective Cohort Study

Khaled J. Saleh, Charlottesville, VA; William M. Mihalko, Charlottesville, VA; Qunjun Cui, Charlottesville, VA; Thomas E. Brown, Charlottesville, VA

079 – Does Concomitant Low Back Pain Affect Revision Total Knee Arthroplasty Outcome?

Khaled J. Saleh, Charlottesville, VA; Wendy Novicoff, Charlottesville, VA; William M. Mihalko, Charlottesville, VA; Thomas E. Brown, Charlottesville, VA; Qunjun Cui, Charlottesville, VA; The Nakar Study Group, Charlottesville, VA

POSTERS

080 – Mandated VTE Prophylaxis – Evidence of Possible Adverse Outcomes

Khaled J. Saleh, Charlottesville, VA; Wendy Novicoff, Charlottesville, VA; Qunjun Cui, Charlottesville, VA; Thomas E. Brown, Charlottesville, VA; William M. Mihalko, Charlottesville, VA

081 – Comparison of Lateral and Medial Parapatellar Approaches for Total Knee Arthroplasty in Severe Valgus Arthritis

Nattapol Tammachote, Bangkok, Thailand; James P. McAuley, London, ON; Cecil H. Rorabeck, London, ON; Robert B. Bourne, London, ON

082 – Unicompartement vs. Total Knee Replacement in Medial Arthritis of the Knee

Geoffrey F. Dervin, Ottawa, ON; Anna Conway, Ottawa, ON

083 – Improved Outcomes with Patellar Resurfacing at the Time of Total Knee Arthroplasty: A Decision Analytic Model

Nelson V. Greidanus, Vancouver, BC; Naeder Helmy, Vancouver, BC; Carolyn Anglin, Vancouver, BC; Bas A. Masri, Vancouver, BC

CATEGORY: Foot and Ankle

084 – Interpositional Arthroplasty of the First MTP Joint Using a Regenerative Tissue Matrix for the Treatment of Advanced Hallux Rigidus

Gregory Berlet, Columbus, OH; Christopher Hyer, Columbus, OH; Thomas Lee, Columbus, OH; Terrence Philbin, Columbus, OH

085 – Feasibility of Ankle Joint Replacement in the Presence of Moderate to Severe Coronal Plane Deformities of the Ankle (varus / valgus)

Timothy R. Daniels, Toronto, ON; Kay-Kiat Lim, Toronto, ON

086 – Cost Comparison of Total Ankle Arthroplasty, Ankle Arthrodesis, Total Knee Arthroplasty, and Total Hip Arthroplasty

Mark Glazebrook, Halifax, NS; Scott MacLean, Halifax, NS; Allan Hennigar, Halifax, NS; Ross K Leighton, Halifax, NS; Michael J Dunbar, Halifax, NS; J. David Amirault, Halifax, NS; Kelly Trask, Halifax, NS

087 – Perioperative Resource Utilization in Obese Patients with Operative Ankle Fracture Treatment

Clifford B. Jones, Grand Rapids, MI; Bryan J. Pack, Grand Rapids, MI; Debra L. Sietsema, Grand Rapids, MI; Gregory J. Golladay, Grand Rapids, MI; Terrence J. Endres, Grand Rapids, MI; James R. Ringler, Grand Rapids, MI

088 – Lisfranc Injury – A Comparison of Diagnostic Techniques

David Sanders, London, ON; Gladys Chan, London, ON

CATEGORY: Pediatrics

089 – The Management of Long Toe Flexor Spasticity in the Equinus Foot in Cerebral Palsy

John E. Handelsman, Great Neck, NY; Jacob Weinberg, Houston, TX

090 – The Pediatric Fracture Clinic

William L Hennrikus, Madera, CA

POSTERS

091 – Psychiatric Disorders Associated with Scoliosis:

A Pilot Study of a Validated Screening Tool

Darin Davidson, Vancouver, BC; Simon Davidson, Vancouver, BC; Angie Perdios, Vancouver, BC; Christopher Reilly, Vancouver, BC

092 – Prospective Comparison of Supine Bending, Push-prone, and Traction Under General Anesthesia Radiographs in Predicting Curve Flexibility and Post-operative Correction in Adolescent Idiopathic Scoliosis

Raymond W. Liu, Cleveland Heights, OH; Andelle L. Teng, Glendale, CA; Douglas G. Armstrong, Cleveland, OH; Connie Poe-Kochert, Cleveland, OH; Jochen P. Son-Hing, Cleveland, OH; George H. Thompson, Cleveland, OH

093 – Use of Botulinum Toxin A in the Treatment of Idiopathic Clubfoot:

Mid-term Follow-up

Christine Marie Alvarez, Vancouver, BC; Mary Devera, Vancouver, BC; Harpreet Chhina, Vancouver, BC; Shu Fung Ho, Vancouver, BC

094 – Kyphectomy for Treatment of Severe Kyphotic Deformity in Spina Bifida

Lawrence A. Rinsky, Palo Alto, CA; Ivan Cheng, Palo Alto, CA

095 – Comparison of Flexible Nails versus Plating for Pediatric Diaphyseal Fractures

Clifford B. Jones, Grand Rapids, MI; William D. Tressel, Grand Rapids, MI; Debra L. Sietsema, Grand Rapids, MI; Terrence J. Endres, Grand Rapids, MI; James R. Ringler, Grand Rapids, MI; David J. Bielema, Grand Rapids, MI

CATEGORY: Spine

096 – Biomechanical Evaluation of Different Augmentation Techniques and Different Screws in Osteoporosis

Stephan W. J. Becker, Vienna, Austria; Ralf Spitaler, Vienna, Austria; Albert Chavanne, Vienna, Austria; Karl Kropik, Vienna, Austria; Michael Ogon, Vienna, Austria; Heinz Redl, Vienna, Austria

097 – The Treatment of Vertebral Fractures with Injectable Restorable Bone Cements, Osteopromotive Capacity and Surgical Considerations

Stephan W. J. Becker, Vienna, Austria; Ingo Wilke, Bad Langensalza, Thuringia, Germany; Michael Ogon, Vienna, Austria

098 – Intrathecal Sodium Nitroprusside Superfusion in Various Etiologies of Paraparetic Patients

Rajeshwar Nath Srivastava, Lucknow, UP, India

099 – Venous Thrombo Embolism (VTE) in Acute Spinal Cord Injury (SCI) – Incidence, Prevalence and Outcome

Rajeshwar Nath Srivastava, Lucknow, UP, India

100 – Serum Titanium Concentrations are Elevated in Patients Treated with Spinal Instrumentation

Per Freitag, Springfield, IL; Brandon Strenge, Springfield, IL; Travis Richardson, Springfield, IL; Stephen Pineda, Springfield, IL; Joseph C. Milbrandt, Springfield, IL; Timothy Van Fleet, Springfield, IL

POSTERS

101 – Comparing the Fixation of a Novel Hollow Screw vs.

a Conventional Solid Screw in Human Sacra Under Cyclic Loading

Stewart D. McLachlin, London, ON; Brendon J. B. Beaton, London, ON; Marlis T. Sabo, London, ON; Kevin R. Gurr, London, ON; Stewart I. Bailey, London, ON; Christopher S. Bailey, London, ON; Cynthia Dunning, London, ON

102 – Spinal Care of the Poor and Near Poor

Bradley Kenneth Weiner, Houston, TX

103 – The SRS Outcome Questionnaire Can Discriminate Between Healthy Adolescents and Patients with Idiopathic Scoliosis

Marjolaine Roy-Beaudry, Montreal, QC; Stefan Parent, Montreal, QC; Marie Beausejour, Montreal, QC; Julie Joncas, Montreal, QC; Martin Forcier, Montreal, QC; Guy Grimard, Montreal, QC; Sophie Lauriault, Montreal, QC; Hubert Labelle, Montreal, QC

104 – Surgeon Grading of Facet Arthropathy in Patient Selection for Lumbar Total Disc Replacement

Martin Quirno, New York, NY; John Bendo, New York, NY; Jonathan Stieber, New York, NY; Mary Cunningham, New York, NY; Jeffrey M. Spivak, New York, NY

105 – Effect of Cervical Disk Replacement on Segmental Range of Motion

Martin Quirno, New York, NY; Mary Cunningham, New York, NY; Thomas Errico, New York, NY; Jeffrey Spivak, New York, NY; John Bendo, New York, NY

106 – Pre-operative Radiologic Disc Herniation Standardized for Thecal Sac Size as a Predictive Factor for Outcome in Lumbar Discectomy

Edward Vasarhelyi, Kingston, ON; David Yen, Kingston, ON

107 – Patient Concerns in the Post-Referral/Pre-Consultation Period

Biniyam Kidane, Toronto, ON; Angela Sarro, Toronto, ON; Yoga Raja Rampersaud, Toronto, ON

108 – Wait Times for Consultation to See a Spinal Surgeon

Matt Coyle, Ottawa, ON; Joseph O'Neil, Ottawa, ON; Garth E. Johnson, Ottawa, ON; Donald Chow, Ottawa, ON; Simon Dagenais, Ottawa, ON; Eugene Wai, Ottawa, ON

CATEGORY: Sports Medicine

109 – Injuries to the Common Hamstring Origin: Operative Treatment

Gary B. Fetzer, Bloomington, MN; David A. Fischer, Bloomington, MN; Robby S. Sikka, Bloomington, MN; Anthony R. Sanchez, Colorado Springs, CO; Richard Layfield, Woodbridge, VA; Derek Lamprecht, Portland, OR; Joel L. Boyd, Bloomington, MN

110 – Evaluation of the XO Button Femoral Fixation Device in a Simulated ACL Reconstruction

Dave Simon, Ottawa, ON; Andrew Speirs, Ottawa, ON; Peter Lapner, Ottawa, ON

111 – Experimental and Numerical Investigation of Interference Screw Fixation in ACL Reconstruction

Martyn Snow, Halifax, NS; Mahmood Chizhari, Manchester, Lancashire, UK; Bin Wang, Manchester, Lancashire, UK

112 – Detailed Analysis of Articular Cartilage Changes Associated with Isolated Medial Meniscus Tears

Sarah Henry, Pittsburgh, PA; Randy Mascarenhas, Pittsburgh, PA; Deborah Kowalchuk, Pittsburgh, PA; Brian Forsythe, Pittsburgh, PA; James J. Irrgang, Pittsburgh, PA; Christopher D. Harner, Pittsburgh, PA

113 – The Treatment of Recalcitrant Iliotibial Band Friction Syndrome with Open Iliotibial Band Bursectomy – Indications, Technique, and Clinical Outcomes

Sanaz Hariri, Boston, MA; Edgar T. Savidge, Boston, MA; James Zachazewski, Boston, MA; Thomas J. Gill, Boston, MA

114 – Optimal Angle for ACL Graft Tensioning

Mark Steeves, Ottawa, ON; Ross Wilkinson, Ottawa, ON

115 – Acute Repair of Posteromedial & Posterolateral Corners in Multiligament Knee Injury is Not Indicated

Bruce A. Levy, Rochester, MN; Khaled A. Dajani, Rochester, MN; Diego A. Herrera, Birmingham, AL; Diane L. Dahm, Rochester, MN; Peter B. MacDonald, Winnipeg, MB

116 – Staged Protocol for High Energy Knee Dislocation: Indications for Initial Spanning External Fixation

Bruce A. Levy, Rochester, MN; Khaled A. Dajani, Rochester, MN; Guarav Khanna, Minneapolis, MN; Brett W. Wolters, Bloomington, MN; Diego A. Herrera, Birmingham, AL

117 – What Hip Score Should Be Used to Document Outcome Following Hip Arthroscopy in the Active Patient?

Karen K. Briggs, Vail, CO; Marc J. Philippon, CO; David A. Koppersmith, CO; Richard Brian Maxwell, Vail, CO

CATEGORY: Trauma

118 – Distal Humerus Internal Fixation: A Biomechanical Comparison of AO and Acumed Techniques

Carrie May Kollias, Calgary, AB; Shon Darcy, Calgary, AB; Nigel Shrive, Calgary, AB; Jeremy Reed, Canmore, AB; Kevin Hildebrand, Calgary, AB

119 – A Survey of Patient Opinions Regarding the Use of Reprocessed External Fixation Components

Michael J. Prayson, Dayton, OH; Paul R. Sensiba, Dayton, OH; Indresh Venkatarayappa, Dayton, OH; Alison L. Manternach, Dayton, OH; James C. Binski, Dayton, OH; Richard T. Laughlin, Dayton, OH; Carrie L. DeHoff, Dayton, OH

120 – Anterolateral Approach for Pilon Fractures: Rate of Wound Complications in the Early Post-operative Period

Gregory J. Della Rocca, Columbia, MO; Michael Khazzam, Columbia, MO; Allison M. Wade, Columbia, MO; Brett D. Crist, Columbia, MO

121 – Electrical Stimulation for Long Bone Healing: A Meta-analysis of Randomized Controlled Trials

Mohit Bhandari, Hamilton, ON; Brent Mollon, London, ON; Vitor da Silva, London, ON; Jason W. Busse, Hamilton, ON; Thomas A. Einhorn, Boston, MA

122 – Trochanteric Fixation Nail Compared with the Dynamic Hip Screw in the Treatment of Intertrochanteric Hip Fractures: A Randomized Clinical Trial

Stéphane Bergeron, Kirkland, QC; Rudolf Reindl, Montreal, QC; Gregory K. Berry, Montreal, QC; Edward J. Harvey, Montreal, QC

123 – Post-traumatic Ankle Complications Treated with Posterior Blade Plate Ankle Arthrodesis

Peter O'Brien, Vancouver, BC; Pierre Guy, Vancouver, BC; Robert N. Meek, Vancouver, BC; Nader Helmy, Vancouver, BC

124 – Intra-articular Fractures of the Distal Radius: Does the Use of Computed Tomography (CT) Influence the Choice of Management?

Rena Lorraine Stewart, Birmingham, AL; Justin Duke, Birmingham, AL; Kenny C. McCullough, Birmingham, AL

125 – Functional and Radiological Outcome Following Volar Wrist Plating of Distal Radial Fractures with a Single Implant

Peter O'Brien, Vancouver, BC; Henry M. Broekhuysse, Vancouver, BC; Paul Fearon, Vancouver, BC; Nader Helmy, Vancouver, BC; Piotr Blachut, Vancouver, BC; Pierre Guy, Vancouver, BC

126 – Fractures of the Scapula Neck: Do they Really Exist?

Dolfi Herscovici, Temple Terrace, FL; John Toth, Bloomfield Hills, MI; AO OTA Scapula Classification Committee, Temple Terrace, FL; Julia M. Scaduto, Temple Terrace, FL

127 – Development of an Open, Infected Fracture Model in the Rat: A Preliminary Report

Rena Lorraine Stewart, Birmingham, AL; Ken Waites, Birmingham, AL; James Stannard, Birmingham, AL; David Volgas, Birmingham, AL; Justin Duke, Birmingham, AL; Adam Shaw, Birmingham, AL

128 – Tip-apex Distance of Intramedullary Devices as a Predictor of Cut-out Failure in the Treatment of Hip Fractures

William Macaulay, New York, NY; Comron Saifi, New York, NY; Jeffrey Geller, New York, NY

129 – Intraoperative Injection of Botulinum Toxin (Botox®) for Prevention of Post-traumatic Elbow Stiffness

Valerie Wolfe, New York, NY; Melvin P. Rosenwasser, New York, NY; Jason McKean, New York, NY; Charles Jobin, New York, NY; Paul Kim, New York, NY; Robert J. Strauch, New York, NY

130 – Functional Outcomes of Operatively Treated Pelvic Ring Injuries

Clifford B. Jones, Grand Rapids, MI; Warren E. Gardner, Grand Rapids, MI; Debra L. Sietsema, Grand Rapids, MI

131 – An Osteoporosis Post-fracture Screening Program for Ontario

Ravi Jain, Toronto, ON; Victoria Elliot-Gibson, Toronto, ON; Famida Jiwa, Toronto, ON; Dorcas E. Beaton, Toronto, ON; Earl R. Bogoch, Toronto, ON; Steven Richie, Toronto, ON; Farah Samji, Toronto, ON

POSTERS

132 – Locked Plating of Proximal Humeral Fracture: Complications and Functional Outcomes

Clifford B. Jones, Grand Rapids, MI; Daniel K. Williams, Grand Rapids, MI; Terrence J. Endres, Grand Rapids, MI; James R. Ringler, Grand Rapids, MI; Debra L. Sietsema, Grand Rapids, MI

133 – Matched Cohort Pair Analysis of Operative vs. Nonoperative Treatment of Displaced Scapular Fractures

Clifford B. Jones, Grand Rapids, MI; Jonathan P. Cornelius, Grand Rapids, MI; Terrence J. Endres, Grand Rapids, MI; James R. Ringler, Grand Rapids, MI; David J. Bielema, Grand Rapids, MI

134 – A Randomized Clinical Trial Comparing an Antibiotic-Impregnated Bioabsorbable Bone Substitute to Antibiotic Bone Cement in Chronic Post-traumatic Infection

Emil H. Schemitsch, Toronto, ON; Michael D. McKee, Toronto, ON; E. Li, Toronto, ON; Lisa Wild, Toronto, ON

135 – Biomechanical Comparison of Surface Contact Area Between Standard Backboard and Other Rigid Surfaces

Yona Kosashvili, Toronto, ON; Yaron Bar Ziv, Toronto, ON; David Backstein, Toronto, ON; Oleg Safir, Toronto, ON; Amir Blumenfeld, Toronto, ON; Yigal Mirovsky, Toronto, ON

136 – Computer Modeling and Surgical Technique of Percutaneous Pinning of Adolescent Proximal Humerus Fractures

Ramin Mehin, Abbotsford, BC; Afshin Mehin, Menlo Park, CA; David Wickham, Abbotsford, BC

137 – Regional Trauma Consolidation and the Impact on Orthopaedic Resident Education in Saskatoon

Sandrew Martins, Saskatoon, SK; Geoffrey H. Johnston, Saskatoon, SK

CATEGORY: Upper Extremity

138 – Development and Validation of the Hand Assessment Tool

Sanjiv H Naidu, Lititz, PA

139 – The Critical Threshold of Posterior Glenoid Bone Loss

Chris D. Bryce, Hershey, PA; Andrew C. Davison, PA; Nori Okita, University Park, PA; Neil A. Sharkey, University Park, PA; April Armstrong, Hershey, PA

140 – Cross-sectional Analysis of Pathology, Disability, and Expectations in Candidates for Rotator Cuff Related Surgeries: A Sex and Gender Perspective

Helen Razmjou, Toronto, ON; Aileen M. Davis, Toronto, ON; Susan B. Jaglal, Toronto, ON; Richard Holtby, Toronto, ON; Robin R. Richards, Toronto, ON

141 – Posterior Arthroscopic Capsular Release in Frozen Shoulder, A Prospective Cohort Study

Martyn Snow, Halifax, NS; Lennard Funk, Wigan, Lancashire, UK; Ihab Boutros, Wigan, Lancashire, UK

POSTERS

142 – Wrist Arthroscopy: Are Clinical Examination and MR Imaging Comparable to Findings in Wrist Arthroscopy

Shin – Jae Rhee, London, UK; Matthew Prime, London, UK; Rhodri Williams, London, UK; Elliot D. Sorene, London, UK

143 – Internal Fixation of Type 2 Coronoid Fractures and Repair of Both Collateral Ligaments are Essential to Stabilize Fracture-Dislocations of the Elbow

J. Whitcomb Pollock, London, ON; James E. Pichora, London, ON; Louis M. Ferreira, London, ON; James Brownhill, London, ON; James A. Johnson, London, ON; Graham J. W. King, London, ON

144 – Arthroscopic Repair of Massive, “Irreparable” Tears of the Rotator Cuff Using Double Interval Slides: Clinical And MRI Results

Ian K.Y. Lo, Calgary, AB; Kristie D. Pletsch, Calgary, AB; Richard S. Boorman, Calgary, AB; Stephen Sohmer, Calgary, AB; Tom Woods, Calgary, AB

145 – Case Series: Acromioclavicular Joint Reconstruction Using Hamstrings Autograft and Clavicle Hook Plate

Calvin Maxwell McCabe, London, ON; Robert B. Litchfield, London, ON; Kevin Willis, London, ON; Darren Drosdowech, London, ON

146 – In Frozen Shoulder Cytocontractile Protein Vimentin Synthesis is Triggered by Immobility and Not by Fibrosis

Hans K. Uhthoff, Ottawa, ON; Pascal Boileau, Nice, France; Guy Trudel, Ottawa, ON

147 – Cadaver Validation of Intra-operative Registration for Navigated Shoulder Arthroscopy

Maarten Beek, Kingston, ON; Purang Abolmaesumi, Kingston, ON; Chi Meng Ling, Kingston, ON; Ke Huang, Kingston, ON; Kathrin Tyryshkin, Kingston, ON; Randy E. Ellis, Kingston, ON; Parvin Mousavi, Kingston, ON; David R. Pichora, Kingston, ON

148 – Acromioplasty is Poorly Supported by Evidence-based Literature

Christopher M. Dolan, Grand Rapids, MI; Derek Johnson, Grand Rapids, MI; Timothy Lenters, Grand Rapids, MI

CATEGORY: Other

149 – eClinic Assessment in Arthroplasty Patients- A Pilot Study

Gavin C. A. Wood, Chorley, Lancashire, UK; Douglas Naudie, London, ON

150 – The Effect of Structured Pre-operative Education on Post-operative Narcotic Consumption and Subjective Reports of Pain Post-Total Knee Arthroplasty

Greg Campbell, Halifax, NS; William D. Stanish, Halifax, NS

151 – Appropriateness of Health Care Interventions: Concepts and Scoping of the Published Literature

Eric Bohm, Winnipeg, MB; Michael J. Dunbar, Halifax, NS; Tom Noseworthy, Calgary, AB; Claudia Sanmartin, Ottawa, ON; Western Canada Waiting List Investigators, Calgary, AB

POSTERS

152 – Assessing Stage of Change for Readiness to Engage in Weight Management Behaviours in Outpatients with Osteoarthritis of the Knee

Sasha J. Miles, Toronto, ON; Farah Begbie, Toronto, ON; Christine Carpenter, Toronto, ON; Earl R. Bogoch, Toronto, ON; Emil H. Schemitsch, Toronto, ON; Pauline Darling, Toronto, ON

153 – Identifying Leaders Based on the Residency Application File

Christopher M. Jobe, Loma Linda, CA; Montri D. Wongworawat, Loma Linda, CA

154 – Who Should Deal with Hand Injuries?

Setting Up a New Orthopaedic Hand Service in a London Teaching Hospital

Shin – Jae Rhee, London, UK; Matthew S. Prime, London, UK; Elliot D. Sorene, London, UK; Rhodri Williams, London, UK

155 – Comparison of Chelating Agent, Soap, and Antibiotic Irrigation in Removing Adherent Bacteria from Orthopaedic Implants

Mark H. N. Chiu, Toronto, ON; Emil H. Schemitsch, Toronto, ON

156 – On RCT's and Registries: A Computer Simulation

Bradley Kenneth Weiner, Houston, TX

157 – Efficacy and Safety of Hylan G-F 20 (Single Dose) vs. Placebo in Patients with Knee Osteoarthritis Pain

François Baillieux, St Germain-en-Laye, France; N. C. Van Dijk, Amsterdam, The Netherlands; Joerg Jerosch, Neuss, Germany; René Verdonk, Gent, Belgium; Andrew Price, Oxford, UK; Xavier Chevalier, Créteil, France; Karel Pavelka, Prague, Czech Republic

158 – Attrition Among Orthopaedic Surgery Residents

Chris D. Bryce, Hershey, PA; Vernon M. Chinchilli, Hershey, PA; Lee S. Segal, Phoenix, AZ; Kevin P. Black, Hershey, PA

159 – The Relationship of BMI with Prolonged Wound Drainage and Infection Following Primary Hip and Knee Arthroplasty

Shahram Shahrokhi, North Adelaide, Australia; Chris Wilson, North Adelaide, Australia; Graham Mercer, North Adelaide, Australia

160 – Epidemiology of Hospitalization Among Patients with Cerebral Palsy

Joshua E. Hyman, New York, NY; Hiroko Matsumoto, New York, NY; Michael G. Vitale, New York, NY; David P. Roye, New York, NY

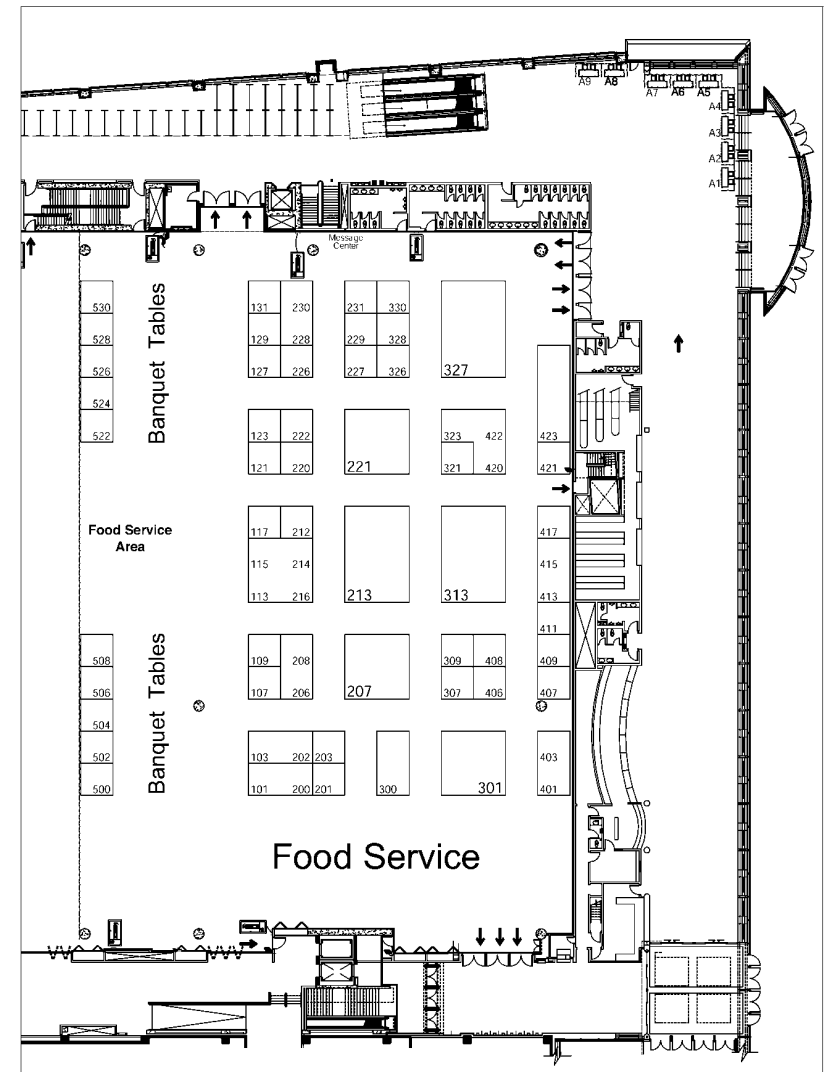
161 – Orthopaedic Practice Financial Benchmarks

Marc M. DeHart, Austin, TX

162 – Prevention of Wrong Site Surgery: The Impact on Orthopaedic Surgical Practice of New Confirmation Check Policy in the Saskatoon Health Region

Geoffrey H. Johnston, Saskatoon, SK; Lee Ekert, Saskatoon, SK

EXHIBIT HALL FLOOR PLAN



BADGES MUST BE WORN TO ALL FUNCTIONS AND SCIENTIFIC PRESENTATIONS

EXHIBITORS

Québec City Convention Centre • Room 400 A, 4th floor

Wednesday, June 4

7:00pm–8:30pm (To end of Presidents' Reception)

Thursday, June 5

8:00am–5:30pm

Friday, June 6

8:00am–3:00pm

Table Top Exhibits – Table top exhibits will be in the loggia area outside of 400A

American Orthopaedic Association – Near Registration Area

Canadian Association of Physician Assistants – Table top exhibit

Canadian Orthopaedic Foundation – Table top exhibit

Orthopaedic Research and Education Foundation – Table top exhibit

Physician Assistant Development Foundation of Canada – Table top exhibit

Exhibit Hall – 400A

AIOD/OTC – Booth 417

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T 905-690-5733, F 905-690-5699, www.otccanada.org

AIOD Canada is the national chapter of the Osteosynthesis and Trauma Care Foundation. Originally founded in 1986 as the Association Internationale pour l'Osteosynthese Dynamique (AIOD) the organization is based in Nice, France. The name changed in 2007 to the Osteosynthesis and Trauma Care Foundation (OTC). OTC is focused on research and science-based methods for dynamic osteosynthesis and closed treatment techniques for bone fracture management. As a global association of orthopaedic trauma surgeons, OTC offers technical training, supports a range of fellowships, sponsors clinical studies and funds research projects. AIOD Canada will deliver a wide range of programs in 2008-2009. These will include a cadaver course, a locally delivered resident training program, 2 community surgeon focused symposia and a 3-day case based residents course. Membership in AIOD Canada is free and will provide programs for Surgeons, Residents and allied health professionals. For more information: www.OTCcanada.org

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Bayer HealthCare – Booth 214, 216

77 Belfield Road, Toronto, Ontario, M9W 1G6

T 416-248-0771, F 416-248-0907, www.bayer.ca

Bayer HealthCare Pharmaceuticals builds on Bayer's long tradition of providing innovative and effective pharmaceutical products for Canadians. Through intensive research and development, the Bayer Group has been developing new and efficient solutions to prevent, diagnose and treat cardiovascular disease, hemophilia, cancer, diabetes, bacterial and viral infections, and urological disorders for more than 100 years.

Baylis Medical Company – Booth 407

5959 TransCanada Highway, Montreal, Québec, H4T 1A1

T 514-488-9801, F 514-488-7209, www.baylismedical.com

Baylis Medical Company is a leading supplier of high-technology cardiology, pain management, and radiology products.

Baylis Medical's Radio Frequency Pain Management System, (PMG), is a state-of-the-art system used for treating pain. Pain Management specialists around the world use thepmG system to destroy problematic nerves that are responsible for pain. Our cutting edge technology in this area allows physicians to treat chronic pain that, until recently, was untreatable. Baylis Medical Company also offers the TransDiscal™ System which is taking disc treatments to a new level, and Slnergy™ System. Baylis Medical Company also offers the TransDiscal™ System which is taking disc treatments to a new level, and Slnergy™ System, indicated for creating RF lesions in nervous tissue in the sacroiliac joint and surrounding tissue.

Biomet Canada Inc. – Booth 207

790 Redwood Sq., #01, Oakville, Ontario, L6L 6N3

T 905-825-8066, F 905-825-8075, www.biomet.com

Biomet, Inc. and its subsidiaries design, manufacture and market products used primarily by musculoskeletal medical specialists in both surgical and non-surgical therapy, including reconstructive and fixation devices, electrical bone growth stimulators, orthopedic support devices, operating room supplies, general surgical instruments, arthroscopy products, spinal implants, bone cements, bone substitutes, craniomaxillofacial implants and dental implants, and associated instrumentation. Biomet and its subsidiaries currently distribute products in more than 100 countries. Biomet consists of 5 divisions; these are Biomet Orthopaedics (total joints and related products), Biomet Sports Medicine (Arthroscopic related products), Biomet Trauma and Biomet Spine (EBI-external fixation, spine and bone healing products) and Biomet MicroFixation (Walter Lorenz- maxillo-facial reconstruction).

BioMimetic Therapeutics – Booth 326

389-A Nichol Mill Lane, Franklin, Tennessee, 37067

T 615-236-4928, F 615-236-4988, www.biomimetics.com

BioMimetic Therapeutics, Inc. is developing and commercializing bio-active recombinant protein-device combination products for the healing of musculoskeletal injuries and disease, including orthopedic, spine and sports injury applications. BioMimetic received marketing approval from the FDA in 2005 for its first product, GEM 21S, for regeneration of bone and periodontal tissue loss resulting from periodontal disease. Currently, the Company has clinical trials ongoing with its product candidates GEM OS1 and GEM OS2 in multiple orthopedic bone healing indications including the treatment of foot and ankle fusions and the stimulation of healing of fractures of the wrist. The Company's product and lead product candidates all combine recombinant human platelet derived growth factors (rhPDGF-BB) with tissue specific scaffolds to actively stimulate tissue healing and regeneration.

EXHIBITORS

biospace med – Booth 208, 206

2470 Windy Hill Rd, Suite 300, Marietta, Georgia, 30067
T 770-933-5305, www.biospacemed.com

EOS is a new, ultra-low-dose 2D/3D x-ray system that represents a true breakthrough in orthopedic imaging. EOS captures simultaneously both a frontal and lateral full-body image of a patient either standing or sitting, all with an outstanding reduction in radiation dose—6 to 10 times less dosage than x-ray and up to 1000 times less than CT. What's more, EOS images provide remarkable detail enabling physicians to better diagnose and plan an effective course of treatment. EOS is partnered with sterEOS, a 3D workstation that uses the perfectly registered bi-plane images to reconstruct a weight-bearing 3D model, something currently unavailable even with CT. From this model, sterEOS is able to calculate over 100 clinically relevant parameters, such as intervertebral rotations and the Cobb angle. Together, EOS and sterEOS represents the total solution for orthopedic imaging.

Bio Syntech Canada Inc. – Booth 524

475 Armand-Frappier Blvd., Laval, Québec, H7V 4B3
T 450-686-2437, F 450-686-8952, www.biosyntech.com

BioSyntech develops innovative biotherapeutic thermogels for regenerative medicine and therapeutic delivery. In addition, Biosyntech sells the Mach-1™, a small mechanical testing system for laboratories, and plans to market the Arthro-BST™, an arthroscopic device for the assessment of cartilage. Both instruments are used in contract testing services also offered by Biosyntech.

BioTissue – Booth 508

1755, boul. Saint-Régis, #240, Dollard des Ormeaux, Québec, H9B 2M9
T 514-421 3227, F 514-421-3338, www.biotissue.de

BioTissue® is a leading company in the field of biological products for orthopedics. Extensive research and development activities have now brought forth another innovative product for the management of cartilage defects.

Chondrotissue® is a cell-free cartilage implant, used in microfracturing and Priddle drilling, to induce hemostasis and protect the underlying tissue in degenerative and traumatic lesion of articular cartilage. The microfracture technique is a minimally invasive procedure that induces a healing response by establishing access to the subchondral bone marrow in regions of articular damage. ChondroTissue is a combination product of two CE certified class III medical devices. The medical device Soft PGA Felt® from the company alphaResearch Switzerland GmbH is impregnated with the medical device Ostenil® from the company TRB Chemedica AG and subsequently freeze-dried. Through the impregnation and freeze-drying processes, an addition product is obtained as a mixture of the two medical devices. A new medical device is formed, but no new material compound.

Boehringer Ingelheim – Booth 129

5180 South Service Rd, Burlington, Ontario, L7L 5H4
T 800-263-5103, F 905-637-4250, www.boehringer-ingelheim.ca

Boehringer Ingelheim (Canada) Ltd. (BICL) is a member of the Boehringer Ingelheim group of companies with international headquarters in Ingelheim, Germany. Boehringer Ingelheim is the largest privately-owned research-based pharmaceutical company and ranks among the top 20 pharmaceutical companies in the world.

BICL has a well-deserved reputation for the treatment of Chronic Obstructive Pulmonary Disease (COPD). The company's product portfolio also includes treatments for diseases affecting the central nervous system, the cardiovascular system, and other human conditions. BICL currently markets Spiriva® for the treatment of COPD, Micardis® (hypertension), Flomax®CR (Benign Prostatic Hyperplasia), Mirapex® (Parkinson's Disease), Aggrenox® (secondary stroke prevention) and Viramune® and Aptivus® (HIV/AIDS).

EXHIBITORS

BrainLAB Inc. – Booth 522

3 Westbrook Corporate Center, Suite 400, Westchester, IL, 60154
T 1 800 784 7700, F 1 800 784 77 00, www.brainlab.com

BrainLAB develops, manufactures and markets software-driven medical technology that enables more precise, less invasive, and also less expensive procedures than traditional treatments. Among the core products are image-guided systems that provide highly accurate real-time information used for navigation during surgical procedures. This utility has been further expanded to serve as a computer terminal for physicians to more effectively access and interpret diagnostic scans and other digital medical information for better informed decisions.

BrainLAB solutions allow expansion from a single system to operating suites to digitally integrated hospitals covering all subspecialties from neurosurgery, orthopedics, ENT, CMF to spine & trauma and oncology. With more than 3,000 systems installed in over 70 countries, BrainLAB is a market leader in image-guided technology. The privately held BrainLAB group, founded in 1989, is headquartered in Munich, Germany and today employs 1,000 people in 16 offices across Europe, Asia, Australia, North and South America.

BREG, Inc. – Booth 226

2611 Commerce Way, Vista, California, 92081
T 760-599-3000, F 760-599-3027, www.breg.com

BREG, Inc. is committed to delivering world-class solutions to meet the needs of our customers. Our extensive product offerings include postoperative pain management products, soft goods and functional braces, as well as orthopedic practice solutions.

Canada Microsurgical – Booth 121

5024 South Service Rd, Burlington, Ontario, L7L 5Y7
T 905-632-7888, F 905-632-7938, www.canadamicrosurgical.ca

Canadian Institute for Health Information – Booth 222

495 Richmond Rd, Suite 600, Ottawa, Ontario, ON K2A 4H6
T 613-241-7860, www.CIHI.ca

The Canadian Institute for Health Information (CIHI) collects and analyzes information on health and health care in Canada and makes it publicly available. Canada's federal, provincial and territorial governments created CIHI as a not-for-profit, independent organization dedicated to forging a common approach to Canadian health information. CIHI's goal: to provide timely, accurate and comparable information. CIHI's data and reports inform health policies, support the effective delivery of health services and raise awareness among Canadians of the factors that contribute to good health.

Citagenix Inc. – Booth 330

1105 Autoroute Chomedey, Laval, Québec, H7W 5J8
T 450-688-8699, F 450-688-1977, www.citagenix.com

Innovative and unique solutions to your surgical needs. Accell 100, Accell Connexus and DynaGraft II allograft putties with osteoinductive potential are designed to stimulate bone regeneration using rhBMPs. NEW from Biomatlanite Europe: MBCP engineered resorbable bone matrix – for balanced bone regeneration. The microporosity and macroporosity of this synthetic material allows for complete resorption and substitution for bone regeneration. Citagenix has teamed up with Isotis Orthobiologics and Biomatlanite to offer you cutting edge bone grafting technologies. DynaGraft II is a well-known and trusted DBM graft that was introduced in 1998. Through the Accell technological advance, we are now able to offer Accell 100 and Accell Connexus. In 2007, Citagenix teamed up with Héma-Québec to promote their AATB accredited and ISO 13485 certified tissue bank with a particular emphasis on their line of bone allografts. Visit our booth for a complete listing of the tissues available.

EXHIBITORS

Conmed Linvatec Canada – Booth 221

2330 Millrace Court, Unit 5, Mississauga, Ontario, L5N 1W2
T 905-814-2965, F 905-814-0901, www.conmed.com/newdesign.php

ConMed Linvatec is a global leader in the fields of arthroscopy, multi-specialty endoscopic medical video systems and powered surgical instruments. Headquartered in Largo, FL, ConMed Linvatec is at the forefront of technology for a growing range of minimally invasive and orthopaedic surgery procedures. Orthopaedic surgeons use ConMed Linvatec arthroscopic instrumentation, implants, fixation and tissue repair systems with brand names that include Linvatec and Shutt[®], for diagnostic purposes, minor surgeries and complex reconstructions of knees, shoulders and small joints such as the wrist and ankle. The famous Hall[®] Surgical line of powered surgical instrumentation featuring the PowerPro[®] system and a comprehensive line of accessories all remain the standard of care in oral/maxillofacial, otolaryngology, podiatry, thoracic hand and neurosurgery. Surgeons across many specialties now enjoy our advanced and complete line of endoscopy products led by the world's first 3 chip autoclavable camera head specifically designed to accommodate each of their unique surgical needs as well as full featured image display & capture and insufflation systems.

Dartmouth-Hitchcock Medical Center – Booth 231

One Medical Center Drive, Lebanon, New Hampshire, 3756
T 603-653-0468, F 603-653-0441, www.dhmc.org

Dartmouth-Hitchcock Medical Center (DHMC) is an academic institution located in Lebanon, New Hampshire in the Upper Connecticut River Valley. Home to the prestigious Ivy League Dartmouth College, the Upper Valley is a vibrant, academic and professional community offering excellent schools, lively arts, and an unmatched quality of life in a beautiful, rural setting. Dartmouth-Hitchcock Medical Center includes a modern 400-bed tertiary care hospital, research and clinical facilities for Dartmouth Medical School, Norris Cotton Cancer Center and the Dartmouth-Hitchcock Clinic, a region wide multi-specialty community practice group started in 1927.

DePuy Canada Ltd. – Booth 300, 301

200 Whitehall Rd, Markham, Ontario, L3R 0T5
T 905-946-2179, F 905-946-2128, www.depuy.com

Our core value system at DePuy Canada emphasizes our commitment to providing superior products and service to our customers. We strive to maintain an unparalleled dedication to our customers, an empowered and diverse workforce, a passion for speed, and an environment of superb teamwork. DePuy Orthopaedics is a leading designer, manufacturer of joint reconstructive products and distributor of orthopaedic devices and supplies including hip, knee, ankle, shoulder, wrist, elbow and finger replacements, as well as operating room products. DePuy Spine is a leading designer and manufacturer of technologies for the treatment of cervical, thoracic, lumbar and sacral spinal pathologies. DePuy Mitek provides a full range of absorbable suture and anchors for tissue repair to bone.

Desoutter Medical Ltd – Booth 307

River Park, Billet Lane, Berkhamsted, Hertfordshire HP4 1HL
T +44 1442 860300, F +44 1442 860333, www.de-soutter.com

De Soutter Medical is a company solely focussed on producing advanced power instrument solutions for today's exacting surgical procedures. The company has accumulated years of experience concerning the complex and demanding requirements of advanced surgical techniques and how they need to be augmented with the latest technologies in power instrument design. The products De Soutter produce are the result of continuous investment into research and development of high integrity, precision instruments which surgical teams, the world over, have come to rely on. The company's universal goal is total customer satisfaction.

EXHIBITORS

DJO Canada Inc – Booth 227

2835 Argentia Rd Unit 5, Mississauga, Ontario, L5N 8G6
T 905-821-1502, F 866-866-5032, www.djortho.com

DJO Canada is a provider of solutions for musculoskeletal and vascular health specializing in rehabilitation and regenerations products. Marketed under the Aircast, Donjoy, and Procure brand names our broad range of over 700 products, including rigid knee braces, ankle bracing and soft goods, are used in the prevention of injury, in the treatment of chronic conditions and for recovery after surgery.

Elsevier/Procedures Consult – Booth 506

11830 Westline Industrial Dr., St. Louis, Missouri 63146
T 314-872-8370, F 314-453-4115, www.elsevier.com

Elsevier Canada is a team of leading publishers including Saunders, Mosby, Churchill Livingstone, Butterworth-Heinemann, Hanley & Belfus and MDConsult, dedicated to meeting the information needs of health science professionals. We publish high-quality textbooks, references, periodicals, and electronic products for medicine, nursing, dentistry, veterinary medicine, and health professions. We are pleased to introduce our newest online medical product, Procedures Consult. Procedures Consult is the only online, multi-media training and reference solution designed to enhance procedures training for physicians and streamline administrative tasks for educators. Please stop by booth 506 to learn more about all our medical products!

Enturia maker of Chloraprep – Booth 201

11400 Tomahawk Cr Pkwy, Ste 310, Leawood, Kansas, 66211
T 913-451-0880, www.enturia.com

Chloraprep[®] applicators help improve outcomes by reducing the skin microorganisms that can cause infection. Ten organizations, including the CDC, specifically advocate 2% CHG for cutaneous antisepsis.

ETEX Corporation – Booth 403, 401

38 Sidney Street, Cambridge, Massachusetts, 2139
T 617-577-7270, F 617-577-7170, www.etexcorp.com

ETEX Corporation develops, manufactures and commercializes calcium phosphate-based biomaterials. A leader in bioresorbable bone substitute materials, ETEX focuses on expanding applications through combinations with cells, biologics, or therapeutic agents delivered in minimally invasive and easy to use systems. ETEX is pleased to offer three lines based on our proprietary nanocrystalline Calcium Phosphate technology: 1. Pure synthetic bone substitute materials in moldable and injectable forms. 2. Osteoinductive bone substitute materials in moldable and injectable forms. 3. Pure synthetic carrier matrices in moldable and injectable forms.

Exactech Canada – Booth 109

3-220 Nebo Road, Hamilton, Ontario, L8W 2E4
T 905-975-7822, F 905-389-7360, www.exac.com

Exactech is a manufacturer and distributor of medical products for orthopaedics. We offer a full line of Orthopaedic products including total joints, specialty devices, cement and delivery systems, antibiotic spacers and a complete line of osteoinductive and osteoconductive biologic products.

Ferring Inc – Booth 123

200 Yorkland Blvd, Ste 800, North York, Ontario, M2J 5C1
T 416-490-0121, www.ferring.com

EXHIBITORS

Garvinci International Inc. – Booth 409

66, rue Dubois, Suite 212, St-Eustache, Québec, J7P 4W9
T 450-472-2171, F 450-472-2878, www.ostenil.ca

Garvinci International is a subsidiary corporation of Garvinci Inc, and possesses in exclusive ownership an establishment license for Ostenil® on the Canadian market and for some other medical products issued by Health Canada's Health Products and Food Branch Inspectorate. Garvinci is a pharmaceutical company that develops and adapts European products for the Canadian market. Garvinci acquires from abroad licenses from innovative medical & pharmaceutical products and then markets & distributes them specifically in fields such as orthopaedics, rheumatology & women's health. Ostenil® is a fairly new agent approved by Health Canada for the relief of osteoarthritis symptoms. It can be used in the knee, or in any other joints of the body, such as the shoulder or hip. Ostenil® pre-filled syringes are sterile and contain a highly purified specific fraction of sodium hyaluronate 1.0% solution for injection into the joint cavity. Come and see us at booth 409.

GE Healthcare – Booth 103, 202

2300 Meadowvale Boulevard, G-35, Mississauga, Ontario, L5N 5P9
T 905-567-2117, F 905-567-2115, www.gehealthcare.com

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, performance improvement, drug discovery, and biopharmaceutical manufacturing technologies is helping clinicians around the world re-imagine new ways to predict, diagnose, inform and treat disease, so their patients can live their lives to the fullest. GE Healthcare's broad range of products and services enable healthcare providers to better diagnose and treat cancer, heart disease, neurological diseases, and other conditions earlier. Our vision for the future is to enable a new "early health" model of care focused on earlier diagnosis, pre-symptomatic disease detection and disease prevention. GE Healthcare is a \$17 billion unit of General Electric Company. Worldwide, GE Healthcare employs more than 46,000 people committed to serving healthcare professionals and their patients in more than 100 countries.

Genzyme Canada Inc. – Booth 212

2700 Matheson Blvd. East, West Tower, Suite 800, Mississauga, Ontario, L4W 4V9
T 905-267-3196, www.genzyme.ca

One of the world's foremost biotechnology companies, Genzyme is dedicated to making a positive impact on the lives of people with debilitating diseases including Osteoarthritis. Visit www.synvisccanada.com for more information.

Hema Québec – Booth 328

1105 Autoroute Chomedey, Laval, Québec, H7W 5J8
F 418-780-2097, www.hema-quebec.qc.ca

Héma-Québec's mission is to efficiently provide adequate quantities of safe, optimal blood components, substitutes, human tissues and cord blood to meet the needs of Québécois; provided and develop expertise along with specialized, innovative services and products in the fields of transfusion medicine and human tissue transplantation. Procurement and preparation of human tissues intended for transplantation must be done according to rigorous standards, so that products are safe and of optimal quality. With strong background and experience with regard to blood products, Héma-Québec is in an excellent position to be entrusted with supplying of human tissues. Héma-Québec meets the requirements of the new CTO Regulations. By virtue of the same regulations, hospitals must make sure their human tissue supply comes from establishments recognized by Health Canada. Héma-Québec is AATB accredited and ISO 13485 certified.

EXHIBITORS

Hologic, Inc. – Booth 530

35 Crosby Drive, Bedford, Massachusetts 01730
T 781-999-7629, F 781-280-0668, www.hologic.com

Hologic's Fluoriscan InSight® mini C-arm system is designed to assist the orthopedic surgeon in surgical procedures of the extremities. InSight offers low-dose, ultra-fine detail images with a hands-free fully automated imaging chain, plus the added flexibility of a large extendable flat panel touch-screen monitor. InSight allows the user to concentrate on the patient and not the machine. InSight has an excellent return on investment. Typical reimbursement is well above that of standard x-ray. Please visit the Hologic booth at the Canadian Orthopaedic Association meeting. Talk to us about how by working together we can make a difference in the lives of your patients.

Innomed, Inc. – Booth 127

103 Estus Drive, Savannah, Georgia 31405
T 912-236-0000, F 912-236-7766, www.innomed.net

Innomed, Inc., a developer of instruments for orthopedic surgery, continues to introduce new and innovative products. We offer an array of unique instruments and patient positioning devices, designed by or in conjunction with orthopedic surgeons and surgical professionals.

Janssen-Ortho/Ortho-Biotech – Booth 421

4612 de la Sente, St-Augustin, Québec, G3A 1E1
T 1-800-387-8781, www.janssen-ortho.com and www.orthobiotech.ca

Janssen-Ortho Inc. has been servicing the Canadian health care industry for over 50 years. The company is an innovative research based pharmaceutical company located in Toronto, Ontario. Ortho Biotech is a division of Janssen-Ortho Inc., operating in Canada, and a member of the Johnson & Johnson family of companies.

Joint Solutions Alliance Corp – Booth 229

18-975 Fraser Drive, Burlington, Ontario, L7L 4X8
T 905-639-7243, F 905-639-4008, www.kryptonitebonematrix.com

Joint Solutions Alliance is located in Burlington, Ontario. JSA prides itself in representing up and coming niche products unique to the Orthopaedic world. Our prime focus at the COA Meeting will be representing Doctors Research Group and their revolutionary product, Kryptonite. Kryptonite is a non-toxic, osteoconductive, bioabsorbable-calcified triglyceride, which is extremely adhesive, cohesive and minimally exothermic. Kryptonite is Health Canada Approved.

Lasswell Medical – Booth 107

405 Industrial Drive, Unit 21, Milton, Ontario, L9T 5B1
T 905-876-4604

Medtronic – Booth 101, 200

6733 Kitimat Rd, Mississauga, Ontario, L5N 1W3
T 905-816-5335, F 905-826-6620, www.medtronic.com

The global leader in today's spine market, Medtronic is committed to advancing the treatment of spinal conditions. Together with Kyphon, now part of Medtronic, we have in Canada a strong team of employees with the most comprehensive knowledge of modern fusion, dynamic stabilization, artificial disc replacement, biologics, balloon technologies and minimally invasive techniques to serve physicians with a broader variety of spinal disorders in order to alleviate pain and restore the health of more patients. We work closely with our physician partners as they provide patients with the highest standards of spine treatment. We thank our loyal customers for their trust in our products and services and continue to strive to deliver technological innovations that meet the needs and expectations of Canadian health care professionals and their patients. The possibilities are endless when you bring together two of the most innovative spinal organizations in the world.

EXHIBITORS

Narimya/Künzli SwissSchuh – Booth 203

20 Maimonides Court, Thornhill, Ontario, L4J 4X8
T 416-433-5787, F 905-336-5016, www.kuenzli-schuhe.ch/en/index.html

Narimya Pharmaceuticals Inc., a young energetic company, is importing Künzli Ortho® Stability Boots from Kuenzli SwissSchuh to Canada and later on to the US. Stability Boots offer an alternative therapy for treatment of ankle and ligament injuries. The Stability Boot is the only therapeutic method ingeniously combining the two elementary goals of therapy: Stability – securing the right healing position as well as mobility, speeding up the healing process. Stability boots conserve gait symmetry, permit and support movement and activate the muscles. The stimulated metabolism helps reduce swelling and leads to a faster healing process. The use of the boot should avoid long-term damages while providing the patients with higher level of comfort (no need for crutches) compared to currently available treatment options. From an economic aspect the boot has proven to lead to shorter hospital stays, reduced absence from work and concomitant medications, and lesser need for physiotherapy.

Oceania Heights – Booth 309

107 Westbury Court, Richmond Hill, Ontario, L4S 2L3
T 647-829-7199, F 905-918-1198, www.OceaniaHeights.com

Oceania Heights an exclusive “Gated Community” on the island of Great Exuma, Bahamas. With over 30 years of island developing are now establishing the ultimate in Offshore, Tax Free Villa and property investments. The ideal second home Villas which allows investors the potential to earn Tax-free revenues.

Dentists and Physicians seeking alternative stable Tax-Free revenues are participating at Oceania Heights. Being in somewhat of a high stress occupation career Dentists & Physicians have become aware of the benefits both for Profit and Pleasure of this opportunity.

Property & Villa Owners and Vacation Renters along with their guests receive an Exclusive Oceania Club Members Card which entitles them to access at discounted rates to use some of the facilities at the world renowned Greg Norman Golf course and Emerald Bay Four Seasons Resort, complete with Spa and European Style Casino (less than 10 minutes from Oceania Heights).

These islands have a history of property appreciation and steady growth and are attracting numerous astute investors from Canada and the U.S... Visit us at our booth for more information or call toll free 1-866-264-3886.

ORTHOFIX (Fintek Orthopaedic Solutions) – Booth 117

344 Townsend Avenue, Burlington, Ontario, L7T 2A4
T 905-633-8636, F 905-633-8637, www.orthofix.com

Fintek is the Canadian distributor for Orthofix, a pioneer in the development of orthopaedic fixation and fracture/fusion healing. Orthofix manufactures internal and external fixation equipment and is known internationally for innovations in trauma and limb reconstruction such as adult and pediatric Limb Reconstruction Systems, mini-fixators, hybrid ring systems, and more recently, eightPlate and the Intramedullary Skeletal Kinetic Distractor. Orthofix is a world leader in PEMF bone healing technology with a complete line of bone growth stimulators for appendicular and spine (cervical, thoracic and lumbar) applications. We provide comprehensive patient insurance support and a written guarantee of the efficacy of Physio-Stim, Spinal-Stim and Cervical-Stim products.

EXHIBITORS

Ossur Canada – Booth 321

120-11231 Dyke Road, Richmond, British Columbia, V7A 0A1
T 604-241-8152, F 604-241-8153, www.ossur.com

Ossur is a leader in Sports Medicine Orthopaedic solutions. Our industry leading brands, Unloader®, CTI® and Equalizer® provide successful outcomes for you and your patients. We encourage you to come by and see how our comprehensive line of lower and upper extremity devices, including SmartSling shoulder and Innovator X™ adjustable post-op elbow braces, are the best treatment options available.

Ostek Orthopaedics Inc. – Booth 408

230 Alscot Crescent, Oakville, Ontario, L6J 4R4
T 905-845-2961, F 905-849-7760, www.ostek.ca

Ostek is a Sales & Distribution company for:

- A complete line of MicroAire Orthopaedic Pneumatic, Battery and Electric Power Tools along with a full line of Accessories.
- The Juvent 1000 DMT Platform used for the prevention and treatment of Osteoporosis

Paladin Labs Inc. – Booth 220

6111 Royalmount Ave., Suite 102, Montreal, Québec, H4P 2T4
T 514-340-1112, www.paladin-labs.com

Paladin's key pain products include Pennsaid (topical NSAID for osteoarthritis of the knee), Tridural (extended-release tramadol for moderate persistent pain), Metadol (synthetic opioid analgesic for severe pain relief).

Pfizer Canada – Booth 230, 228

17, 300 Trans-Canada Highway, Kirkland, Québec, H9J 2M5
T 1-800-267-2553, www.pfizer.ca

Pfizer Canada Inc. is the Canadian operation of Pfizer Inc, the world's leading pharmaceutical company. Pfizer discovers, develops, manufactures and markets prescription medicines for humans and animals. Pfizer Inc invests more than US\$7 billion annually in R&D to discover and develop innovative life-saving and life-enhancing medicines in a wide range of therapeutic areas, including arthritis, cardiovascular disease, endocrinology, HIV/AIDS, infectious disease, neurological disease, oncology, ophthalmology and smoking cessation. For more information, visit www.pfizer.ca.

RAMMTLC International, LLC – Booth 406

5700 188th Street SW, Unit A, Lynnwood, Washington, 98037
T 425-775-8700, F 425-775-1276, www.rammtlc.com

RAMMTLC, LLC is the leader in mobility device development. RAMMTLC, LLC took mobility management to a whole new level in the United States with its innovative Turning Leg Caddy®, giving people who are healing from foot or ankle surgery or illness the freedom and mobility to maintain independence!

Crutches are no longer a viable option now that people have an alternative that keeps them active, mobile and productive. The secondary injuries caused by using crutches are avoided with the Turning Leg Caddy®!

At RAMMTLC, we are constantly challenging ourselves to come up with creative mobility solutions. We listen to our dealers and the people who use our products to develop better products that are safe and easy to use. We are expanding our product line to meet a wide range of mobility challenges.

Visit our website www.rammtlc.com to see our full line of mobility products.

EXHIBITORS

Scios Inc – Booth 113, 115

1900 Charleston Road, Mountain View, California, 94043
T 650-564-4185, www.sciosinc.com

Scios Inc., in partnership with Johnson & Johnson Pharmaceutical Research & Development and Bayer HealthCare, is focused on research to develop new therapeutic options for the prevention of thrombosis in various patient populations.

Smith & Nephew Inc. – Booth 327

6685 Millcreek Drive, Unit 5, Mississauga, Ontario, L5N 5M5
T 800-387-5263, F 905-670-1135, www.smith-nephew.com

Orthopaedic Instruments & Implants, Birmingham Hip Resurfacing, Computer-Assisted Surgery, Digital OR, Image Management, Visualization Equipment, Laparoscopic Instruments, Laparoscopes, Exogen, Durolane and Versajet.

Stryker Canada – Booth 313

45 Innovation Drive, Hamilton, Ontario, L9H 7L8
T 1-800-668-8324, F 905-690-5699, www.stryker.ca

Stryker is a leader in the worldwide orthopaedic market and is one of the world's largest medical device companies. Stryker delivers results through a wide range of capabilities including joint replacements, trauma, spine and micro implants systems, orthobiologics, powered surgical instruments, surgical navigation systems, endoscopic products as well as patient handling and emergency medical equipment. We continually strive to achieve superior clinical results. We push the frontiers of medical research while maintaining uncompromising clinical integrity. We succeed when our customers succeed. We put their interests first in everything we do. We not only give them responsive, timely service, we also help to make them more efficient. Most importantly, we measure our success by our ability to partner with respected medical professionals – to help millions of people, around the world, lead more active and more satisfying lives. At Stryker, we don't just make promises, we deliver results.

Synthes (Canada) Ltd. – Booth 323, 420, 422

2566 Meadowpine Blvd, Mississauga, Ontario, L5N 6P9
T 905-567-0440, F 905-567-3185, www.synthes.com

Synthes is a leading global medical device company. We develop, produce and market instruments, implants and biomaterials for the surgical fixation, correction and regeneration of the human skeleton and its soft tissues.

Theramed Corporation – Booth 131

6891 Edwards Blvd, Mississauga, Ontario, L5T 2T9
T 905-564-5009, F 905-564-4776, www.theramed.com

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BIENVENUE DES PRÉSIDENTS



Chers membres, Chères amies,
Chers amis, Distingués collègues,
Bienvenue à Québec et à la Réunion annuelle conjointe de l'American Orthopaedic Association (AOA) et de l'Association Canadienne d'Orthopédie (ACO). Nous avons eu beaucoup de plaisir à collaborer ensemble; nous avons ainsi eu l'occasion de mettre à contribution nos riches histoires et traditions pour vous offrir une réunion qui permettra à l'orthopédie de progresser au-delà des frontières.

Cette réunion permet à nos homologues et invités de l'étranger, qu'il s'agisse de leaders actuels dans le domaine ou de leur relève, de même qu'aux résidents et leaders émergents d'ici de se réunir. La contribution de nos partenaires du milieu de la santé, des non-membres et des exposants est aussi très importante, car tout le monde est invité à prendre une part active dans cette réunion.

Nous devons beaucoup aux D^{rs} Christopher D. Harner et Emil H. Schemitsch, de même qu'au Comité responsable du programme de l'AOA et de l'ACO, qu'ils ont coprésidé, car ils y ont mis beaucoup d'efforts et ont mis en œuvre un programme scientifique exceptionnel. Leur planification ces dernières années a permis l'établissement d'un programme de qualité conçu pour répondre aux besoins des orthopédistes à toutes les étapes de leur carrière. Nous sommes donc confiants que la Réunion conjointe de 2008 s'avèrera une expérience de formation inestimable.

En plus des questions de premier plan abordées dans le cadre des symposiums, des conférences d'enseignement, des présentations de précis et d'affiches et des séances « Trucs et astuces », nous avons invité des conférenciers extraordinaires que vous ne voudrez absolument pas manquer. En effet, la D^{re} Marcia Angell, ancienne rédactrice en chef du *New England Journal of Medicine*, traitera de l'état actuel des soins de santé. La majorité d'entre vous avez eu l'occasion de lire les articles de la D^{re} Angell dans diverses publications professionnelles, où elle traite généralement de l'éthique médicale, des politiques en santé, de la nature de la preuve médicale, de l'interaction entre la médecine et la justice, ainsi que des relations entre la médecine universitaire et l'industrie.

Le D^r Norman Schachar, éducateur en orthopédie et vice-doyen de l'éducation médicale continue et du perfectionnement à l'Université de Calgary, abordera pour sa part le sujet suivant: *L'éducateur en orthopédie, l'apprentissage perpétuel et notre regroupement professionnel national: une nécessité en éducation*. Le D^r Schachar est un membre influent et dynamique de l'ACO et de la Société de recherche orthopédique du Canada (SROC) depuis quelques dizaines d'années.

Enfin, nous espérons que tout le monde aura l'occasion de profiter du charme typiquement européen de la ville de Québec. Le D^r Pierre Mercier et sa conjointe, Elizabeth Burn, ont prévu un large éventail d'activités sociales et récréatives qui mettent en valeur cette magnifique ville historique. Nous espérons donc que vous serez des nôtres à l'occasion de la Soirée au musée de vendredi. Ce sera l'occasion de se retrouver entre amis et membres de la famille au Musée national des beaux-arts du Québec pour marquer la fin de la Réunion.

Sachez que ce fut pour nous un honneur d'occuper la présidence de l'AOA et de l'ACO et que nous ne pouvons concevoir une meilleure façon de souligner la fin de notre mandat. Nous vous remercions de prendre part à la Réunion et espérons vous croiser sur place.

Veuillez agréer, chers membres, chères amies, chers amis et distingués collègues, nos salutations distinguées.

Peter J. Stern, MD et Marc J. Moreau, MD, FRCSC

BIENVENUE DU COMITÉ DU PROGRAMME



Chères amies,
Chers amis,
Distingués collègues,

Nous sommes heureux de vous accueillir à Québec pour la Réunion annuelle conjointe de l'American Orthopaedic Association (AOA) et de l'Association Canadienne d'Orthopédie (ACO) de 2008. Nous sommes ravis de vous avoir parmi nous pour cette réunion exception-

nelle et avons hâte de vous donner l'occasion d'approfondir certaines des questions les plus importantes touchant les leaders en orthopédie.

Grâce aux efforts communs des membres du Comité responsable du programme de l'AOA et de l'ACO, le programme de cette année propose 6 symposiums abordant des questions controversées et de premier plan, de même que 17 conférences d'enseignement, plus de 200 communications libres, 160 affiches et 6 séances chirurgicales « Trucs et astuces » avec soutien vidéo. Le programme comprend en outre une intervention de la D^{re} Marcia Angell, conférencière invitée par les présidents de l'ACO et de l'AOA, dont l'exposé *Soins de santé: deux pays, deux visions* traitera du principe du système de santé à payeur unique, et du conférencier R.I. Harris, le D^r Norman Schachar, dont l'exposé est intitulé *L'éducateur en orthopédie, l'apprentissage perpétuel et notre regroupement professionnel national: une nécessité en éducation*.

Nous invitons en outre tous les directeurs de programme et chefs de département à se prévaloir des programmes spéciaux offerts en fonction de leurs besoins. Ainsi, le Forum des directeurs de programme et chefs de département traitera du mentorat, alors que le Petit-déjeuner de réseautage des nouveaux et futurs chefs de département est une excellente occasion d'échanger sur les défis et l'expérience associés à ce poste.

Nous espérons que vous aurez aussi la chance de profiter de la ville de Québec pendant les célébrations de son 400^e anniversaire. De nombreuses activités sont prévues pour commémorer cette année historique. Tous les membres de la famille et invités inscrits sont les bienvenus au Salon d'accueil, où ils pourront profiter d'un petit-déjeuner, rencontrer d'autres invités à la Réunion annuelle et obtenir des renseignements touristiques.

Comme toujours, l'AOA et l'ACO visent l'excellence dans leur programme. Pour nous aider à planifier les prochaines réunions annuelles, nous vous prions de remplir toutes les évaluations et de nous faire part de vos impressions sur la manifestation de cette année.

Nous vous remercions d'être des nôtres et de continuer de soutenir l'AOA et l'ACO. Nous espérons que vous trouverez le programme scientifique proposé formateur et que votre séjour à Québec sera une belle expérience!

Veuillez agréer, chères amies, chers amis et distingués collègues, l'expression de nos salutations distinguées.

Christopher D. Harner, MD
Emil H. Schemitsch, MD, FRCSC

BIENVENUE DE LA SROC

Bonjour!

C'est avec grand plaisir que nous présentons la 42^e Réunion annuelle de la Société de recherche orthopédique du Canada (SROC), qui aura lieu le 5 juin 2008. Dans le cadre du programme conjoint de l'American Orthopaedic Association (AOA) et de l'Association Canadienne d'Orthopédie (ACO), nous invitons l'ensemble du milieu de l'orthopédie de même que toutes les personnes intéressées par les derniers développements dans la science fondamentale de l'orthopédie.

Nous sommes emballés d'annoncer que le programme de la SROC comprendra 6 séances de présentation de précis axés sur les recherches en cours ainsi qu'un symposium de 90 minutes intitulé *Réparation du cartilage articulaire: la recherche, l'application et la publication*, animé par les D^{rs} Joseph Buckwalter, Nadr Jomha, Bob McCormack et Rajiv Gandhi. Ces conférenciers dynamiques nous communiqueront leur point de vue et stimuleront la réflexion sur le sujet.

Au nom du comité de direction de la SROC, nous vous remercions de votre soutien continu de la recherche en orthopédie et espérons vous voir dans la superbe ville de Québec. Joignez-vous à nous et profitez de cette excellente possibilité d'apprentissage et de réseautage avec des chercheurs issus de tout le Canada et des États-Unis.

Veuillez agréer l'expression de mes sentiments les meilleurs.

Nadr Jomha, MD, FRCSC, PhD,
Président du Comité responsable du programme de la SROC

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Objectifs du programme

Les participants à la Réunion annuelle conjointe 2008 de l'American Orthopaedic Association (AOA) et de l'Association Canadienne d'Orthopédie (ACO):

- discuteront dans un cadre aussi bien formel qu'informel des controverses liées à la pratique, à la recherche, à l'éthique et à la formation ainsi qu'aux facteurs économiques et questions sociales touchant le domaine de l'orthopédie;
- contribueront à l'avancement des connaissances en chirurgie orthopédique et de la recherche en orthopédie et apprendront de nouvelles méthodes qu'ils pourront ensuite utiliser pour améliorer les soins prodigués à leurs patients;
- examineront et évalueront les résultats de percées cliniques dans le diagnostic et la gestion de conditions orthopédiques courantes en traumatologie, en arthroplastie, en médecine sportive, en pédiatrie et dans les soins au pied, à la cheville et au rachis ou liés à une tumeur;
- approfondiront leur compréhension des percées réalisées en recherche fondamentale sur la santé et les troubles de l'appareil locomoteur. Ils pourront ensuite utiliser ces connaissances pour remédier à des difficultés cliniques courantes et améliorer les résultats escomptés pour leurs patients;
- établiront des stratégies pour arriver à un juste équilibre entre les risques et les avantages dans le traitement de certaines conditions orthopédiques et décriront les résultats attendus pour les patients;
- entendront les idées novatrices de penseurs de premier plan dans les principales sous-spécialités;
- profiteront des possibilités de renforcement des liens professionnels qui leur sont proposées;
- compareront l'équipement et les services orthopédiques de pointe, puis les évalueront.

Éducation médicale continue

AOA – Cette manifestation a été planifiée et mise en œuvre en tenant compte des domaines essentiels et des politiques de l'Accreditation Council for Continuing Medical Education (ACCME), grâce à la commandite conjointe de l'American Academy of Orthopaedic Surgeons (AAOS) et de l'AOA. L'AAOS a été accréditée par l'ACCME pour parrainer des activités d'éducation médicale continue à l'intention des médecins.

L'AAOS reconnaît que cette activité de formation donne lieu à un maximum de 20,5 heures de *crédits de catégorie 1 menant à l'obtention de l'AMA Physician's Recognition Award*. Chaque médecin doit réclamer ses crédits en fonction du nombre d'heures qu'il a effectivement consacrées à l'activité de formation.

ACO – Cette manifestation est une activité de formation collective agréée, en vertu de la section 1 de la *Charte des activités de développement professionnel continu* (DPC) du Collège royal des médecins et chirurgiens du Canada. Les participants recevront donc un crédit pour chaque heure de présence aux diverses activités au programme.

Inscription

Entrée principale du Centre des congrès, billetterie, 4^e étage

Heures d'ouverture:

Le mercredi 4 juin	De 9h à 20h
Le jeudi 5 juin	De 6h à 17h30
Le vendredi 6 juin	De 6h à 17h
Le samedi 7 juin	De 6h30 à 9h30

Salle de prévisionnement

Salle 201A, Centre des congrès, 2^e étage

Heures d'ouverture:

Le mercredi 4 juin	De 12h à 18h
Le jeudi 5 juin	De 6h à 18h
Le vendredi 6 juin	De 6h à 18h
Le samedi 7 juin	De 6h à 11h

Évaluation des conférences

Veillez prendre le temps de remplir le formulaire d'évaluation des conférences, ce qui nous aidera à élaborer les prochains programmes de l'AOA, de l'ACO et de la Société de recherche orthopédique du Canada (SROC).

Séances de travail

AOA	Le jeudi 5 juin	De 10h05 à 11h05	200AB
ACO	Le jeudi 5 juin	De 10h15 à 11h05	301A
SROC	Le jeudi 5 juin	De 12h40 à 13h10	301B

Affiches

Les affiches seront exposées à l'extérieur de la salle d'exposition jusqu'à la fin de la pause-santé du vendredi 6 juin en après-midi.

Les exposants ont jusqu'au jeudi 5 juin à 8h pour installer leurs affiches. On recommande aux auteurs d'être présents près de leur affiche au déjeuner, au dîner et aux pauses-santé, les jeudi et vendredi 5 et 6 juin. Les exposants pourront commencer à enlever leurs affiches à compter de 16h, le vendredi 6 juin. **Toutes les affiches doivent être enlevées avant 19h, le vendredi 6 juin. Les tableaux d'affichage seront démontés à 19h.** Il incombe aux exposants d'enlever tout leur matériel. L'AOA et l'ACO n'assument aucune responsabilité pour le matériel d'affichage laissé sur les tableaux après 19h le vendredi 6 juin.

Salon d'accueil des conjoints et invités

Un salon d'accueil sera disponible pour les conjoints et invités inscrits à la verrière du Centre des congrès de Québec. Veuillez consulter les descriptions fournies sous « Activités et visites » pour de plus amples renseignements.

Exposition

L'exposition sera accessible de 19h à 20h30 le mercredi 4 juin, de 8h à 17h le jeudi 5 juin et de 8h à 15h le vendredi 6 juin. L'AOA et l'ACO peuvent continuer à proposer des programmes éducatifs de qualité grâce à l'engagement de leurs membres et au généreux soutien de leurs partenaires de l'industrie. Nous vous prions donc de soutenir nos partenaires en visitant les stands. Pour de plus amples renseignements, consultez la section « Exposants et commanditaires ».

Avertissement

Le matériel proposé dans le cadre de la Réunion annuelle est présenté par l'AOA et l'ACO uniquement à des fins d'enseignement. Ce matériel ne constitue pas la seule approche ou procédure, ni nécessairement la meilleure ou la plus appropriée en fonction des situations médicales discutées. Il constitue une approche, un point de vue, une déclaration ou une opinion du corps professoral pouvant servir dans une situation semblable. L'AOA et l'ACO ne sont pas responsables des préjudices ou dommages pouvant être subis par un participant à la Réunion annuelle, ni des réclamations pouvant découler de l'utilisation des techniques démontrées dans le cadre de ladite réunion, que ces réclamations soient soutenues par un médecin ou par toute autre personne.

Divulgateion

On demande à tous les participants à la Réunion annuelle de divulguer s'ils ont reçu une contribution de valeur d'une entreprise ou d'une institution qui a un rapport direct ou indirect avec le contenu de leur présentation.

L'AAOS, l'AOA et l'ACO entendent par contribution de valeur les options suivantes:

- a) Du soutien à la recherche ou institutionnel reçu de:
- b) Un soutien non monétaire (comme de l'équipement ou des services), des honoraires de nature commerciale ou d'autres fonds n'ayant pas trait à la recherche (comme des déplacements payés) obtenus de:
- c) Des redevances versées par:
- d) Des actions ou des options d'achat d'actions dans:
- e) Un conseiller ou un employé:
- f) Un des postes non rémunérés suivants: représentant, membre d'un conseil d'administration ou d'un comité pertinent ou encore rédacteur en chef; ou la propriété, par votre institution ou vous-même, d'une publication, d'un site Web ou d'un autre produit destiné aux orthopédistes
- g) Le programme de financement *Hip Hip Hourra!* de la Fondation Canadienne d'Orthopédie
- n. Rien à déclarer

La divulgation du participant sera publiée après son nom dans le programme final, de même que le nom de l'entreprise ou de l'institution qui lui a fourni le soutien en question. De plus, si un participant affirme ne pas avoir d'intérêts financiers ni d'engagements, ces renseignements seront aussi fournis dans le programme final. En ajoutant ces précisions, l'AAOS ne cherche pas à atténuer la valeur de la présentation et ne suggère nullement une partialité quelconque due à ces intérêts ou engagements.

NOTES SUR LE PROGRAMME DE LA RÉUNION ANNUELLE

Divulgarion relative à la FDA – Certains médicaments ou dispositifs médicaux présentés à la Réunion annuelle n’ont pas encore été approuvés par la Food and Drug Administration (FDA) ou n’ont obtenu qu’une autorisation partielle, à des fins bien précises. La FDA précise donc qu’il relève du médecin d’établir si la FDA a autorisé chacun des médicaments ou dispositifs médicaux qu’il souhaite utiliser dans le cadre de ses activités cliniques.

La politique de l’AAOS stipule que l’emploi non conforme d’un médicament ou d’un dispositif médical peut être décrit dans ses activités d’éducation médicale continue tant que cet emploi est clairement établi (c.-à-d. qu’il faut divulguer que la FDA n’a pas autorisé le médicament ou le dispositif pour les fins décrites). Tout médicament ou dispositif médical est utilisé de façon non conforme si l’emploi qu’on en fait n’est pas précisé sur l’étiquette approuvée du produit. Si cette mise en garde s’applique à une présentation, la mention sur la FDA doit figurer près du titre de celle-ci.

Porte-Noms

ACO/AOA Membres actifs, affiliés et outre-mer	NOIR
AOA Emeritus/ACO Membres à la retraite	VERT
ACO Membres associés.....	ORANGE
Participants au Forum des résidents sur le leadership de l’AOA	VIOLET
Participants au Forum des nouveaux leaders de l’AOA	ROSE
Professionnels des soins de santé connexes.....	BRUN
Non-membre	JAUNE
SROC.....	ROUGE
Conjoint/Invité.....	GRIS
Exposants.....	BLEU
Bénévoles/Personnel.....	BLANC

INVITÉS

Présidents du groupe Carousel

American Orthopaedic Association
Peter J. Stern, MD

Association Canadienne d’Orthopédie
Marc J. Moreau, MD, FRCSC

American Academy of Orthopaedic Surgeons
E. Anthony Rankin, MD

British Orthopaedic Association
Stephen R. Cannon, MA, M.Ch. (Orth), FRCS

Australian Orthopaedic Association
John North, MB BS, FRACS

New Zealand Orthopaedic Association
John Matheson, FRACS

South African Orthopaedic Association
Dick van der Jagt, MD

Conférencière invitée par les présidents

Marcia Angell, MD, MACP

Présidents provinciaux

Terre-Neuve-et-Labrador
Robert Russell, MD, FRCSC

Nouvelle-Écosse
Gregory V. Clarke, MD, FRCSC

Nouveau-Brunswick
Andrew Berkshire, MD, FRCSC

Québec
Jacques Desnoyers, MD, CSPQ, FRCSC

Ontario
Stephen Galloway, MD, FRCSC

Manitoba
Warren G. Froese, MD, FRCSC

Saskatchewan
Mario R. Taillon, MD, FRCSC

Alberta
John J. Donaghy, MB, B.Ch., BAO, FRCSC

Colombie-Britannique
Kirk A. Sundby, MD, FRCSC

Coprésidents de l’Association canadienne des résidents en orthopédie

Ludovic Bouchard, MD, Université Laval
Karine Gélinas-Chaîné, MD, Université Laval

Boursiers (bourses de voyage)

Bourse de voyage Anica Bitenc
Denis Trsek, MD

Bourse de voyage nord-américaine (VNA) 2007

George S. Athwal, MD, FRCS
Bang Hoang, MD
Samir Mehta, MD
Brett Owens, MD
Jennifer M. Wolf, MD

Bourse de voyage autrichienne-suisse-allemande (ASA) 2008

Robert Hart, MD
Richard Iorio, MD

Bourse de l'Association Japonaise d'Orthopédie (JOA) 2008

Nitin Bhatia, MD
Christinn Kellie Leitch, MD
Julian Aldridge, MD
Daniel Solomon, MD

Bourse de voyage américano-britanno-canadienne (ABC) 2008

Andrew Barrow, MD; Johannesburg, Afrique du Sud
Dominic Meek, B.Sc., MB, Ch.B., MD, FRCS; Glasgow, Royaume-Uni
Kevin Mulhall, MB, M.Ch., FRCSI; Dublin, Irlande
Peter Poon, MB, Ch.B., FRACS; Auckland, Nouvelle-Zélande
Rob Pollock, B.Sc., FRCS; Middlesex, Angleterre
Alasdair Sutherland, MB, Ch.B., MD, FRCSEd; Aberdeenshire, Royaume-Uni
Richard Williams; MB BS, FRACS; Brisbane, Australie

Boursiers invités de l'Association des Nations de l'Asie du Sud-Est 2008

Dwikora Novembri Utomo, MD; Indonésie
Pham Dang Nhat, MD; Vietnam
Sharaf Ibrahim, MB, B.Ch., FRCS, MS (Orth); Malaisie
Emiliano B. Tablante, MD, Philippines
Ramesh fils de Subramaniam, MB, BS, MRCS, M.Med., DFD, Singapour
Sivadol Wongsak, MD; Thaïlande

Boursier invité de l'Association Japonaise d'Orthopédie

Takuaki Yamamoto, MD, PhD, Yamaguchi, Japon

Conférenciers invités

Conférence Steel

Barry Lane, historien

Conférence R.I. Harris

Norman S. Schachar, MD, FRCS

Prix J.A. Nutter de l'ACRO

Isaac Moss, MDCM



Marcia Angell, MD, MACP

La D^{re} Marcia Angell est maîtresse de conférence au département de médecine sociale de l'école de médecine de Harvard. Elle a renoncé au poste de rédactrice en chef du *New England Journal of Medicine* le 30 juin 2000. Diplômée de l'école de médecine de l'université de Boston, elle a une formation en médecine interne et en anatomopathologie, en plus de détenir sa certification de spécialiste en pathologie. Elle s'est jointe à l'équipe de rédaction du *New England Journal of Medicine* en 1979,

pour en devenir la directrice de la rédaction en 1988, puis la rédactrice en chef en 1999.

La D^{re} Angell participe souvent à des publications professionnelles et de masse sur un large éventail de sujets, dont l'éthique médicale, les politiques en santé, la nature de la preuve médicale, l'interaction entre la médecine et la justice, ainsi que les soins en fin de vie et les relations entre la médecine universitaire et l'industrie. Son ouvrage primé, intitulé *Science on Trial: The Clash of Medical Evidence and the Law in the Breast Implant Case*, a été publié en juin 1996 par W.W. Norton & Company. Son dernier ouvrage, *The Truth About the Drug Companies: How They Deceive Us and What to Do About It*, a été publié en août 2004, chez l'éditeur Random House. La D^{re} Angell a aussi participé à la rédaction des trois premières éditions du manuel *Basic Pathology*, en collaboration avec le D^r Stanley Robbins d'abord, puis ensuite avec le D^r Vinay Kumar. À cela s'ajoutent les chapitres qu'elle a écrits pour plusieurs ouvrages dans le domaine de l'éthique.

La D^{re} Angell est membre de l'Association of American Physicians, de l'Institute of Medicine de la National Academy of the Sciences et de l'Alpha Omega Alpha National Honor Medical Society, en plus d'être « master » de l'American College of Physicians et « fellow » de l'American Association for the Advancement of Science. En 1997, *TIME Magazine* citait en outre la D^{re} Marcia Angell parmi les 25 Américains les plus influents.



Norman S. Schachar, MD, FRCSC, éducateur en orthopédie

L'éducateur en orthopédie, l'apprentissage perpétuel et notre regroupement professionnel national: une nécessité en éducation

Le Dr Norman S. Schachar obtient son grade de l'Université de Toronto en 1970, puis part pour l'Ouest du pays afin d'assister au Stampede de Calgary et à la raclée que les Stampeders infligent aux Eskimos d'Edmonton. Il s'inscrit par la même occasion au programme d'orthopédie

nouvellement agréé de l'Université de Calgary, sous la direction du Dr Glen Edwards, qui en est à sa toute première année d'existence. Après ses examens d'obtention du titre d'associé du Collège royal des médecins et chirurgiens du Canada (CRMCC), le Dr Schachar accepte une bourse du Conseil de recherches médicales (CRM) dans le cadre d'un programme de recherche de deux ans au Massachusetts General Hospital, sous la direction du Dr Henry J. Mankin, comprenant entre autres de la recherche scientifique et un poste d'assistant à l'enseignement au premier cycle à Harvard. Le Dr Schachar est alors le premier boursier canadien du Dr Mankin dans le domaine des tumeurs; il contribue en outre à l'organisation du premier colloque de la Musculoskeletal Tumor Society, à Boston, en 1977.

En 1978, le Dr Schachar devient le premier orthopédiste à temps plein de l'Université de Calgary, où il occupe le poste de chef de l'unité d'enseignement en orthopédie à l'hôpital général de Calgary. D'abord assumés par des étudiants de premier cycle, les postes de cette rotation populaire voient ensuite défiler de nombreux résidents.

De 1979 à 2006, le Dr Schachar obtient des fonds de recherche du CRM et des Instituts de recherche en santé du Canada (IRSC) dans le cadre de différents projets de recherche fondamentale axés sur le cartilage articulaire et la cryoconservation pour la transplantation d'articulations, en collaboration avec plusieurs collaborateurs réputés. Il présente aussi au cours de cette période le fruit de ses recherches au milieu de la recherche en orthopédie. En 1988, il occupe la présidence de la Société de recherche orthopédique du Canada (SROC). Son curriculum vitae recense plus de 200 articles, précis et chapitres d'ouvrages.

L'enseignement, à tous les niveaux, demeure toutefois sa grande passion. Le Dr Schachar est un contributeur dynamique du corps professoral au premier cycle et a été président du comité sur le curriculum médical de l'Université de Calgary, ainsi que membre du comité d'évaluation des étudiants. Il a coprésidé le comité sur la formation des résidents en orthopédie et est aujourd'hui directeur de la formation en santé des os et des articulations; il supervise donc toute la formation de premier, deuxième et troisième cycles et l'éducation médicale continue au sein de la division de la chirurgie orthopédique. Le Dr Schachar est en outre président du bureau de la formation du département de chirurgie. Il a aussi été membre du conseil général des facultés, du sénat et du conseil des gouverneurs de l'Université de Calgary.

Le Dr Schachar représente l'Alberta Medical Association au sein du Representatives Forum, en plus d'être membre du comité d'examen des réalisations des médecins

du College of Physicians and Surgeons of Alberta, qui supervise les examens de rendement exigés par l'organisme. Il a de plus effectué deux mandats au sein du Comité de l'agrément du Collège royal des médecins et chirurgiens du Canada; son savoir-faire en formation aux deuxième et troisième cycles lui a d'ailleurs permis de participer à plusieurs visites d'agrément, en plus d'en coprésider ou d'en présider, partout au pays. Enfin, il a été membre du Comité de perfectionnement professionnel de l'ACO, de même que d'un groupe restreint et du comité directeur du Collège royal des médecins et chirurgiens du Canada. Il affirme chérir plus particulièrement ses deux mandats à titre de représentant de l'ACO au sein de la commission des conseillers de l'American Academy of Orthopaedic Surgeons.

Dernièrement, le Dr Schachar a été nommé vice-doyen de l'éducation médicale continue et du perfectionnement du corps professoral à la faculté de médecine de l'Université de Calgary; dans ce rôle, il mettra l'accent sur l'amélioration de l'éducation médicale continue au sein des spécialités médicales. On a demandé au Dr Schachar de traiter le sujet suivant dans le cadre de la Réunion annuelle: *L'éducateur en orthopédie, l'apprentissage perpétuel et notre regroupement professionnel national: une nécessité en éducation.*

CONFÉRENCIER HOWARD H. STEEL



Barry Lane, historien

Barry Lane est cofondateur de Canadian Cultural Landscapes, entreprise vouée à la planification de forfaits de voyage éducatifs pour les diplômés américains qui souhaitent visiter le Canada et le Nord-Est des États-Unis en groupes. Parmi ses clients, mentionnons l'université Stanford, l'université Washington and Lee, UCLA et des organismes comme le Smithsonian Institution et le National Trust for Historic Preservation. L'entreprise est en affaires depuis 1983.

M. Lane dirige nombre de ces groupes et donne aussi des conférences pour ceux-ci; il est réputé pour sa capacité à rendre l'histoire vivante pour les voyageurs issus de tous les milieux. Avec à son actif plus de 80 présentations PowerPoint sur l'histoire du Canada, du Québec et des États-Unis, M. Lane a acquis une vision de ces 2 pays qui lui est propre et on fait souvent appel à ses services pour expliquer certaines questions liées au mode de vie ou à la culture du pays aux Américains en voyage au Canada.

Originaire de Regina, en Saskatchewan, Barry Lane étudie d'abord l'histoire du Canada au Collège militaire royal du Canada de Kingston, en Ontario. Il est ensuite officier commissionné au sein des Forces armées canadiennes, puis attaché en 1977-1978 à la Force d'urgence des Nations Unies, dans la péninsule du Sinaï, plus précisément au quartier général du canal de Suez, en Égypte. En 1982, M. Lane reçoit un deuxième grade de l'Université Laval, à Québec. De plus, il reçoit en 1991, à Paris, le Prix Antoine de Saint-Exupéry pour son livre *Ce jour-là en Nouvelle-France*. Ce prix est remis à l'auteur du meilleur livre pour enfants de langue française publié à l'extérieur de la France.

MERCREDI 4 JUN 2008
De 9h à 20h Inscription libre BILLETTERIE
De 17h30 à 19h Cérémonie d'ouverture SALLE 200AB
De 19h à 20h30 Réception de bienvenue des présidents EXPOSITION HALL 400A

LE JEUDI 5 JUN 2008
De 6h à 17h30 Inscription libre BILLETTERIE
De 8h à 11h Accueil des invités VERRIÈRE
De 8h à 9h Petit-déjeuner et exposition d'affiches dans la salle des exposants SALLE 400A
De 6h45 à 8h15 Conférences d'enseignement (exposés simultanés) Conférence 1 – Traumatologie: Membres supérieurs • 303A Conférence 2 – Étude de cas complexes d'arthroplasties totales primaires et secondaires de la hanche • 303B Conférence 3 – Médecine sportive: controverse relative à l'approche de traitement de l'athlète lanceur (une approche individualisée) • 301A Conférence 4 – Pied-cheville: arthrose de l'arrière-pied • 302B Conférence 5 – Rachis: traitement du rachis chez le patient multitraumatisé • 302A
De 6h45 à 8h15 Symposium de la SROC – Réparation du cartilage articulaire: de la table de manipulation à la littérature, en passant par le chevet du patient SALLE 301B
De 6h45 à 8h15 Petit-déjeuner de réseautage des nouveaux et futurs chefs de département SALLE 304AB

LE JEUDI 5 JUN 2008
De 8h à 17h30 Exposition 400A
De 8h30 à 10h Symposium 1 – Système de soins de santé à payeur unique ou à payeurs multiples? Une étude comparative SALLE 200AB
De 10h05 à 11h05 Séance de travail de l'AOA SALLE 200AB
De 10h15 à 11h05 Séance de travail de l'ACO SALLE 301A
De 10h05 à 11h05 Présentation de précis de la SROC SROC – Os, ligaments et tendons • 303B SROC – Articulations et arthrite • 303A
De 11h05 à 12h35 Symposium 2 – Éducation en orthopédie: sommes-nous à même d'attirer les chefs de file? SALLE 200AB
De 12h35 à 12h45 Remise du Prix J.A.-Nutter SALLE 200AB
De 12h40 à 1h30 Dîner et exposition SALLE 400A
De 12h45 à 14h45 Forum des directeurs de programme et chefs de département: Bien sûr que je suis mentor! Enfin... je crois SALLE 304AB
De 13h30 à 15h Présentation de précis de l'AOA et de l'ACO Reconstruction de la hanche I • 303A Traumatologie I • 301A Médecine sportive: membres supérieurs • 301B Pédiatrie I • 302A Reconstruction du genou (AOA, ACO et SROC II) • 303B SROC – Arthroplastie • 302B

LE JEUDI 5 JUN 2008
De 15h05 à 16h35 Symposium 3 – Orthopédie en 2020: prédicteurs des besoins musculosquelettiques SALLE 200AB
De 16h35 à 17h05 Conférencier R.I. Harris – L'éducateur en orthopédie, l'apprentissage perpétuel et notre regroupement professionnel national: une nécessité en éducation Norman S. Schachar, MD, FRCSC SALLE 200AB
De 17h05 à 17h15 Pause-santé 400A
De 17h15 à 18h15 Présentation de précis de l'AOA et de l'ACO Reconstruction de la hanche II • 303A Traumatologie II • 301A Médecine sportive: genou • 301B Pied et cheville • 302A Reconstruction du genou (AOA, ACO et SROC II) • 303B SROC – Séance mixte • 302B
LE VENDREDI 6 JUN 2008
De 6h à 17h Inscription libre BILLETTERIE
De 8h à 11h Accueil des invités VERRIÈRE
De 8h à 9h Petit-déjeuner et exposition d'affiches dans la salle des exposants SALLE 400A
De 6h45 à 8h15 Conférences d'enseignement (exposés simultanés) Conférence 6 – Traumatologie – pied et cheville • 303A Conférence 7 – Arthroplastie: Tendances courantes pour l'arthroplastie du genou et de la hanche • 303B Conférence 8 – Médecine sportive: contro- verse relative au traitement du LCA trauma- tisé (une approche individualisée) • 302B Conférence 9 – Pédiatrie: prise en charge des fractures des membres inférieurs chez les patients en pédiatrie • 301B Conférence 10 – Traumatisme du coude: quoi de neuf? • 301A Conférence 11 – Contretemps courants en oncologie: comment les éviter dans la pratique générale • 302A

LE VENDREDI 6 JUN 2008
De 8h à 15h Exposition EXPOSITION HALL 400A
De 8h30 à 10h Symposium 4 – La sécurité du patient en Amérique du Nord: vos responsabilités au-delà de la signature et de l'examen SALLE 200AB
De 10h à 11h Conférencière invitée par les présidents – Soins de santé: deux pays, deux visions SALLE 200AB Marcia Angell, MD, MACP
De 11h à 12h15 Installation des présidents de l'AOA et de l'ACO SALLE 200AB
De 12h15 à 13h Dîner et exposition SALLE 400A
De 12h15 à 14h30 Cinquième dîner annuel des femmes en orthopédie SALLE BEAUPORT DU HILTON QUÉBEC
De 13h à 14h30 Présentation de précis de l'AOA et de l'ACO Reconstruction du genou I • 303B Traumatologie III • 301A Rachis I • 302B Reconstruction de la hanche III • 303A Questions critiques • 302A Membres supérieurs • 301B
De 14h30 à 14h45 Pause-santé 400A
De 14h45 à 16h15 Séances vidéos « Trucs et astuces » 1 – Fractures à la jambe • 301A 2 – Arthroplastie • 303B 3 – Médecine sportive • 303A 4 – Pied-cheville: « Je veux apprendre » • 301B 5 – Traitement chirurgical de la malforma- tion du rachis: une approche évoluée de la naissance à la mort • 302A 6 – Épaule et coude • 302B

LE VENDREDI 6 JUIN 2008

De 16h15 à 17h30
Réception de réseautage des directeurs
de programme
VERRIÈRE

De 16h30 à 17h30
Présentation de précis de l'AOA
et de l'ACO

Reconstruction du genou II • 303B
Médecine sportive: hanche • 303A
Tumeurs • 302A
Pédiatrie II • 302B
Rachis II • 301A
Main et poignet • 301B

LE SAMEDI 7 JUIN 2008

De 6h30 à 9h30
Inscription libre
BILLETTERIE

De 8h à 11h
Accueil des invités
VERRIÈRE

De 7h à 8h30
Conférences d'enseignement
(exposés simultanés)
Conférence 12 – Traumatologie
de la hanche • 301A
Conférence 13 – Étude de cas complexes
d'arthroplasties totales primaires et
secondaires de la hanche • 303B
Conférence 14 – Médecine sportive:
controverse relative au traitement des
patients atteints d'une pathologie de la
coiffe des rotateurs et du biceps (une
approche individualisée) • 303A
Conférence 15 – Traumatologie du pied
et de la cheville: traitement fondé
sur les preuves • 301B
Conférence 16 – Formation en
orthopédie spécialisée sur le rachis: que
faut-il enseigner et quand faut-il l'enseigner
aux résidents en orthopédie? • 302B
Conférence 17 – Traitement de la main
• 302A

LE SAMEDI 7 JUIN 2008

De 8h45 à 10h15
Symposium 5 – Obésité en Amérique
du Nord: l'impact de l'épidémie
sur les soins orthopédiques
SALLE 200AB

De 10h15 à 11h45
Symposium 6 – Introduction des nouveaux
matériels orthopédiques sur le marché:
une approche fondée sur les preuves
SALLE 200AB

APERÇU DES ACTIVITÉS SOCIALES

LE MERCREDI 4 JUIN 2008

11h
Tournoi de golf

LE JEUDI 5 JUIN 2008

De 9h à 12h
Les secrets les mieux gardés
du Château Frontenac: un cours de
cuisine animé par le chef Jean Soulard

De 13h à 16h
Visite du Vieux-Québec
et de la nouvelle ville

LE VENDREDI 6 JUIN 2008

De 8h30 à 11h30
Thé, conférence et magasinage
à Holt Renfrew

De 13h à 17h
Visite de la Côte-de-Beaupré
et de la chute Montmorency

18h30 (heure de départ de l'autobus)
Une Soirée au musée
(sur présentation du billet d'entrée)
Musée national des beaux-arts
du Québec



HI PHIP HOURRA!

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Dans le cadre de son programme vedette de collecte de fonds *Hip Hip Hourra!*,
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PRIX ALEXANDRA-KIRKLEY DU JEUNE CHERCHEUR
George Athwal

Veillez consulter le numéro d'automne du *Bulletin de l'ACO* pour obtenir
la liste des lauréats 2008 des bourses de la Fondation Canadienne d'Orthopédie.

La Fondation Canadienne d'Orthopédie est un organisme de bienfaisance enregistré qui investit une partie des fonds recueillis pendant la campagne Hip Hip Hourra! dans l'amélioration des soins orthopédiques à l'échelle communautaire, ainsi que dans le domaine de la recherche fondamentale et clinique en orthopédie au Canada. Veuillez consulter le site www.canorth.org pour obtenir plus de renseignements sur le processus annuel d'attribution des bourses de recherche et les échéances pour soumettre votre candidature.

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PROGRAMME SPÉCIAL POUR LES DIRECTEURS DE PROGRAMME ET CHEFS DE DÉPARTEMENT

L'avancement de la formation universitaire en orthopédie par l'intermédiaire d'un programme spécial pour les directeurs de programme et chefs de département est un élément clé des réunions annuelles de l'AOA. Cette année, la Réunion conjointe de l'AOA et de l'ACO continuera d'insister sur cet aspect important grâce, entre autres, au Petit-déjeuner de réseautage des nouveaux et futurs chefs de département et au Forum des directeurs de programme et chefs de département, deux activités spéciales dans le cadre de la Réunion annuelle qui offrent aux leaders du milieu universitaire l'occasion d'échanger avec leurs pairs et de participer à des séances d'information aussi pertinentes qu'opportunes.

Tous les chefs de département sont invités à prendre part aux deux activités; tous les directeurs de programme et membres du corps professoral sont aussi invités à prendre part au Forum du jeudi 5 juin.

Le jeudi 5 juin 2008

De 6h45 à 8h15 Petit-déjeuner de réseautage des nouveaux et futurs chefs de département

Venez entendre ce que les chefs de département ont à dire sur des questions majeures qui les touchent aujourd'hui, et profitez-en pour échanger sur des questions communes liées à votre travail ou pour discuter des solutions recommandées par des personnes qui occupent ce poste.

Modérateur: Michael A. Simon, MD; Chicago (Illinois)

De 12h45 à 14h45 Forum des directeurs de programme et chefs de département Bien sûr que je suis mentor! Enfin... je crois

Modérateur: Terrance D. Peabody, MD, Chicago (Illinois)

Dans le cadre de cette rencontre entre directeurs de programme et chefs de département, le D^r Terrance D. Peabody, président du comité sur le leadership universitaire à l'AOA, abordera différents facteurs qui peuvent influencer sur le mentorat et cernera des techniques précises qui devraient être utilisées quand on encadre quelqu'un. De plus, on abordera diverses stratégies liées au perfectionnement du corps professoral.

Panélistes:

Shepard R. Hurwitz, MD; directeur général, American Board of Orthopaedic Surgery; Chapel Hill, NC

Mise à jour sur l'organisme

Steven P. Nestler, PhD, Accreditation Council for Graduate Medical Education, Chicago, IL

Mise à jour sur l'organisme et le comité de révision des résidences

Vincent D. Pellegrini, fils, MD; James L. Kernan, MD, professeur et chef de département, école de médecine de l'université du Maryland, à Baltimore

Obstacles au mentorat

Laura Forese, MD, vice-présidente principale, médecin chef et chef des opérations, New York Presbyterian/Weill Cornell, New York, NY

Le style, ça compte! Conseils et techniques pour le mentorat

Mathias P.G. Bostrom, MD, professeur, Weill Medical College de l'université Cornell, adjoint à l'orthopédiste traitant, Hospital for Special Surgery, New York, NY

Guide pour le perfectionnement du corps professoral

ACTIVITÉS ET VISITES *Tous les prix sont en dollars canadiens.

SALON D'ACCUEIL DES CONJOINTS ET INVITÉS

Rejoignez-vous à vos amis et collègues au salon d'accueil mis à la disposition des conjoints et invités inscrits dans la verrière du Centre des congrès de Québec, de 8h à 11h, du jeudi 5 juin au samedi 7 juin, où le café et un petit-déjeuner continental seront offerts. Vous pourrez aussi obtenir des renseignements sur la ville auprès de la conciergerie, située près de la réception.

Il est possible de s'inscrire aux activités sur place, mais le nombre de places est limité pour toutes les activités proposées. Veuillez vous rendre au bureau d'inscription du 4^e étage, près de l'entrée principale du Centre des congrès.

COURS DE CUISINE AVEC JEAN SOULARD ET LES SECRETS LES MIEUX GARDÉS DU CHÂTEAU FRONTENAC

Le jeudi 5 juin • De 9h à midi

Coûts: 121 \$/invité inscrit, 136 \$/invité non inscrit

Cette activité permettra aux participants de découvrir certains des secrets les mieux gardés du Château Frontenac, soit ceux de ses hôtes les plus illustres et ceux de ses cuisines! D'abord, Jean Soulard, chef du Château Frontenac dont la renommée est internationale, partagera avec les participants certains de ses secrets et spécialités dans le cadre d'un cours de cuisine exclusif! Son objectif premier est d'aider les participants à découvrir les produits locaux extraordinaires qui sont vendus au marché et d'illustrer à quel point il peut être simple de cuisiner tout en obtenant des plats aussi raffinés que remarquables. Les participants auront ensuite droit à une visite de cet hôtel patrimonial en compagnie de guides officiels en costumes d'époque. Ils visiteront des coins du château normalement inaccessibles, alors que les guides leur raconteront histoires et anecdotes sur certains hôtes célèbres et événements qui ont eu lieu au cours du dernier siècle.

QUÉBEC, UNE VILLE PATRIMONIALE ET MODERNE

Le jeudi 5 juin • De 13h à 16h

Coûts: 57 \$/invité inscrit, 72 \$/invité non inscrit

Visitez la seule ville fortifiée d'Amérique du Nord! De magnifiques édifices ancestraux et splendides monuments bordent les rues, ruelles pittoresques et places publiques, dont l'Assemblée nationale et la colline Parlementaire, le parc des Champs-de-Bataille, la Citadelle et les fortifications du Vieux-Québec, la basilique-cathédrale Notre-Dame de Québec et la place d'Armes. Au cours de la visite, un arrêt est prévu à la place Royale, berceau du fait français en Amérique du Nord. Située au cœur du Vieux-Québec, au bord du fleuve, il s'agit de la plus importante concentration d'édifices des XVII^e et XVIII^e siècles en Amérique du Nord. Ce secteur comprend aussi le Vieux-Port et le district du Petit-Champlain, truffé de boutiques et de galeries d'art. Plusieurs autres arrêts sont prévus afin de vous permettre d'admirer les différents lieux et de marcher un peu. Cette visite comprend un circuit commenté en autocar dans le Vieux-Québec et une visite guidée à pied à la place Royale et dans les environs.

THÉ, CONFÉRENCE ET MAGASINAGE À HOLT RENFREW

Le vendredi 6 juin • De 8h30 à 11h30

Coûts: 75 \$/invité inscrit, 90 \$/invité non inscrit

Holt Renfrew est une boutique canadienne spécialisée de renommée internationale. En effet, en mettant résolument l'accent sur la clientèle, Holt Renfrew a réussi à concevoir et commercialiser des marques qui lui sont propres. C'est aussi devenu le lieu de référence pour des stylistes comme Donna Karan, Jil Sander, Canali et Giorgio Armani, de même qu'une source de cosmétiques et parfums de renommée mondiale, dont les marques prestigieuses Sisley et Paris. Holt Renfrew a aussi transformé bon nombre de ses emplacements en boutiques modernes répondant aux besoins des clients de demain. En 1997, sa boutique-modèle relookée ouvrait ses portes et faisait l'objet des critiques les plus flatteuses, remportant l'International Design Store of the Year Award de 1997, ainsi que le prix pour le design et l'aménagement d'un magasin du Conseil canadien du commerce de détail. Dans un effort réel de prestation d'un service à la clientèle exemplaire, Holt Renfrew est fière de perpétuer ses traditions à titre de boutique de mode par excellence au pays pour les hommes et les femmes tout en demeurant tournée vers l'avenir afin de relever les défis qui se présenteront. À leur arrivée, les participants prendront le thé tout en assistant à un défilé des nouveautés en mode féminine. Ils auront ensuite droit à une conférence proposant divers conseils en matière de cosmétiques, de maquillage et de soins de la peau. Ensuite, les participants pourront découvrir les magnifiques collections proposées par des stylistes de premier plan, de même que des parfums, des cosmétiques, de la lingerie, des chaussures et des accessoires, entre autres. Cette visite comprend le transport en autocar.

LA CÔTE-DE-BEAUPRÉ ET LA CHUTE MONTMORENCY

Le vendredi 6 juin • De 13h à 17h

Coût: 59 \$/invité inscrit, 74 \$/invité non inscrit

Découvrez le charme champêtre des environs de Québec en explorant les petits villages patrimoniaux qui bordent le fleuve Saint-Laurent. En suivant les 40 km de l'avenue Royale, qui mène à Sainte-Anne-de-Beaupré, vous traverserez divers villages du Québec rural. À Sainte-Anne-de-Beaupré, vous aurez l'occasion de visiter son sanctuaire de renommée internationale. Votre guide vous amènera dans la basilique et vous expliquera son histoire et ses particularités architecturales resplendissantes. En chemin, grâce à un arrêt à l'atelier de sculpture sur bois d'Alphonse Paré, vous découvrirez certaines des légendes canadiennes-françaises les plus connues. Votre visite comporte aussi un arrêt à l'atelier Cuivres Albert Gilles, où sont exposés 50 tableaux, repoussés sur argent, racontant la vie du Christ. Enfin, il y aura un dernier arrêt au parc de la Chute Montmorency afin que vous puissiez admirer cette chute naturelle dont la hauteur est une fois et demie celle des chutes du Niagara. Cette visite comprend le transport en autocar.

* Tous les prix sont en dollars canadiens.

TOURNOI DE GOLF

Le mercredi 4 juin • Départ à 11h (départs simultanés)

Droits d'inscription: 200 \$/joueur

Le tournoi de golf de la Réunion annuelle 2008 aura lieu au magnifique Club de golf Alpin, un parcours à normale 72. Ce parcours propose toutes les particularités du golf au Québec un décor inoubliable, de la sauvagine, voire la visite inopinée d'un faucon! Les profits seront versés à l'Orthopaedic Research and Education Fund de l'AOA et à la Fondation Canadienne d'Orthopédie.

Les droits d'inscription comprennent le droit de jeu, la voiturette, le dîner, les prix et le transport aller-retour en autocar, des hôtels partenaires de la Réunion annuelle au parcours. Veuillez vous rendre au bureau d'inscription pour obtenir de plus amples renseignements; nous ne pouvons pas garantir qu'il sera possible de s'inscrire sur place.

** Le tournoi aura lieu beau temps, mauvais temps, et les droits ne seront pas remboursés.

UNE SOIRÉE AU MUSÉE

Le vendredi 6 juin • À 19h (début du transport en navette à 18h30 à partir du Centre des congrès et du Château Frontenac)

À compter du 24 avril: 150 \$/participant et 160 \$/exposant

Le Musée national des beaux-arts du Québec est situé au cœur de la ville de Québec, dans le magnifique parc des Champs-de-Bataille, surplombant le fleuve Saint-Laurent. Il a ouvert ses portes en 1933 et compte aujourd'hui trois pavillons interreliés qui incluent l'ancienne prison de Québec et le pavillon d'origine. Le tout constitue un véritable tour de force architectural. Nourriture et boissons seront servies à la charmante terrasse panoramique du Grand Hall, chapeauté d'un époustouffant toit de verre qui représente bien tout le modernisme du Musée.

Le billet comprend le transport aller-retour, un accès exclusif au Musée, des prestations musicales, des hors-d'œuvre et un buffet composé de spécialités de la région pour le souper. Deux expositions seront accessibles dans le cadre de cette soirée exceptionnelle, dont l'exposition *Le Louvre à Québec*, spécialement montée pour le 400^e anniversaire de Québec, ainsi que la section de l'ancienne prison, avec son escalier en colimaçon. Veuillez vous rendre au bureau d'inscription pour de plus amples renseignements et apporter votre billet avec vous à cette manifestation.

Un service de navette au Centre des congrès et au Château Frontenac sera à votre disposition.

** Nous ne pouvons pas garantir qu'il sera possible de s'inscrire sur place.



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If you do not subscribe, can I encourage you to do so. Note that there is a 50% discount for all orthopaedic Trainees.

I do hope you will join us if you have not done so already.

Yours sincerely,

Professor Robert Dickson, FRCS
Chairman, The British Editorial Society of Bone and Joint Surgery



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