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Notes & Doodles

COA and CORS COMMITTEES AND STAFF

COA Executive

John Antoniou, President
Mark Glazebrook, President-Elect
Mohit Bhandari, 2nd President-Elect
Kevin G.S. Orrell, Past President
Kishore Mulpuri, Secretary
Markku Nousiainen, Treasurer
Laurie Hiemstra, Member-at-Large
Pierre Guy, Canadian Orthopaedic Foundation

CORS Executive

Paul E. Beaulé, President
Fackson Mwale, ICORS Program Chair & CORS Past President
Rizhi Wang, CORS Program Chair
Simon Kelley, Secretary / Treasurer
Mario Lamontagne, Member-at-Large

COA Program Committee

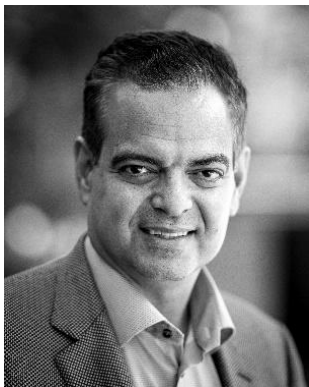
Paul E. Beaulé, Program Chair
Ted Tufescu, CPD Chair
Peter Dryden, Past Program Chair
Étienne Belzile, Hip and Knee Reconstruction
Ivan Wong, Sport Medicine
Michael Monument, Tumour
Dominique Rouleau, Upper Extremity
Sukhdeep Dulai, Paediatrics
Steven Papp, Trauma
Mark Steeves, Foot and Ankle
Thomas J. Goetz, Hand
Thomas Hupel, General Orthopaedics
CORS Executive Committee

COA Staff

Doug Thomson, Chief Executive Officer
Cynthia Vezina, Executive Director, Strategic Initiatives
Meghan Corbeil, Meetings and Events Manager
Trinity Wittman, Development and Advocacy Manager
Lexie Bilhete, Membership Services & Affiliate Programs

Volunteers

Caroline Hammel, AB
Marisa Dariotis, QC
Jalisa den Hartog, QC
Noel Baxter, ON
Nadia Baxter, ON



Welcome from the COA President

On behalf of the COA Executive, Board of Directors and CORS, Johanna and I are honoured to be hosting this year's unique combined ICORS/COA Annual Meeting in Montréal, Québec. Alongside the familiar and excellent COA programming, participants have the opportunity to experience the latest in global orthopaedic research through the 2nd International Combined Meeting of Orthopaedic Research Societies (ICORS).

This year, the R.I. Harris Lecturer is Dr. Richard Cruess, a revered past COA president who has had an illustrious career; from academic orthopaedic surgeon, to Dean of Medicine at McGill University, and now a leader in the field of professionalism, Dr. Cruess is an inspiration to all. We are also honoured to have Dr. Mauro Alini as the MacNab Lecturer. Dr. Alini is program leader at the AO research institute in Davos, Switzerland, and will discuss his ground-breaking work in cartilage and bone tissue engineering. Finally, Dr. Roberta Bondar will be our Presidential Guest Speaker. Dr. Bondar is Canada's first female astronaut, a physician, scientist and is a true Canadian icon and role model. Her address during the Opening Ceremonies will discuss topics of Change, Adaptation and Risk, with a nod to expanded diversity in science and medicine. The ICORS Meeting features many keynote lecturers spread throughout the program, complimented by 37 workshops hosted by the ICORS member societies. Finally, 2019 ICORS President Dr. Theodore Miclau, alongside noteworthy research fellows from all member societies (known as FIORS) will be honoured at the ICORS Closing Ceremony.

Warm thanks are extended to Dr. Paul E. Beaulé, COA Program Chair and CORS President, Dr. Fackson Mwale, ICORS Program Chair, as well as the CORS Executive, the COA CPD Committee led by Drs. Veronica Wadey and Ted Tufescu, Meghan Corbeil, Cynthia Vezina, Trinity Wittman, Lexie Bilhete, and Doug Thomson for their invaluable help in putting together such a great meeting.

We value your support and engagement, and wish you a most enjoyable Annual Meeting and stay in Montréal.

John Antoniou, M.D., FRCSC
President, Canadian Orthopaedic Association



Welcome from the ICORS President

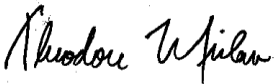
On behalf of the International Combined Orthopaedic Research Societies (ICORS), incoming President Gun-Il Im, and the ICORS Steering Committee, I am honoured and pleased to welcome you to the 2nd ICORS Meeting hosted in Montréal, Canada.

The host organizations, the Canadian Orthopaedic Association (COA) and the Canadian Orthopaedic Research Society (CORS), have put in remarkable effort to make the meeting successful. Held in parallel with their own Annual Meetings provides attendees significant opportunities to benefit from both of these rich and outstanding programs. Further, many members of each of the ICORS member societies were involved in the development of the program, and I would like to thank each of them for their efforts. I also would like to recognize ORS President Dr. James Iatridis, the ORS leadership, and staff for their ongoing support of ICORS activities, including their work in organizing this event.

This event marks the inauguration of the second class of Fellows of International Orthopaedic Research (FIOR) of the ICORS International College of Fellows. Nominees were recommended from the member organizations based on their excellent professional standing and high achievements in the field of orthopaedic research, and approved by the ICORS Steering Committee. The FIORS will be recognized at both the Opening and Closing Ceremonies, and many will participate throughout the program. This week's events will surely set a high bar for the next ICORS Meeting, hosted in Edinburgh in 2022.

I thank you for your support of the ICORS and expect that you will experience excellence at the Meeting while enjoying your time in Montréal.

Sincerely,



Theodore Miclau, MD
President, ICORS



GENERAL PROGRAM INFORMATION

WIFI CODE: ICORS2019

Registration	517 Foyer, Level 5
Wednesday	8:00-20:00
Thursday	7:00-17:30
Friday	7:00-17:30
Saturday	7:00-16:00

Speaker Ready Room	524C, Level 5
Wednesday	8:00-17:00
Thursday	7:00-17:00
Friday	7:00-17:00
Saturday	7:00-17:00

COA Secretariat is in room 522B. If the door is open, drop by!

New! COA Member Services Station: Already a member? Interested in applying to become one? Drop by the Member Services Station during breaks and lunches Wednesday to Friday near registration to:

- Update your profile details and career status
- Explore your COA member benefits
- Learn more about joining a subspecialty group
- Ask questions, share comments, have your voice heard
- Meet and chat with your COA Memberships staff liaison, Lexie Bilhete

... and don't forget to grab a COA pen and pin at the booth!

Food and Beverage Service:

There will be food and beverage **for purchase** in the Exhibit Hall during the following dates and times:

Thursday: 7:00-15:30

Friday: 7:00-15:30

Saturday: 7:00-15:30

There will be complimentary coffee and tea in the exhibit hall during the following poster sessions:

Thursday: 14:30-15:30

Friday: 14:30-15:30

Saturday: 10:45-11:15

Posters:

All scientific posters will be available for viewing in the Exhibit Hall, Rooms 517ABC and 516 on Level 5. Poster numbers, titles, and authors appear later in the Final Program. Please take note that presenters are encouraged to remain close to their posters for questions during breaks and poster-related events listed below.

Wednesday	12:00-17:00	Poster Mounting
	19:00-21:00	President's Welcome Reception
Thursday	14:30-15:30	Poster Session
Friday	14:30-15:30	Poster Session
Saturday	10:45-11:15	Poster Session
	13:30-16:00	Poster Removal

Poster Tubes: Please use the bins in the poster area to store your tube. **Do not leave tubes on the floor.** NOTE that it is the responsibility of the presenters to remove ALL poster material by 16:00 on Saturday, June 22.

Exhibit Hours - Room 517ABC, Level 5

Wednesday	19:00-21:00	President's Welcome Reception
Thursday	10:45-15:30	Session Day, Poster Session
Friday	10:45-16:00	Session Day, Poster Session
Friday	16:00-23:59	Tear down and move-out

Presentation Theatre in Exhibit Hall:

Thursday	12:30-	Joint Replacement and Robotics Today and the
	13:30	Future: A Clinical Perspective - Vincent Massé, MD
Friday	12:30-	Oxford® Partial Knee System: A Surgeon's Journey
	13:30	- Philip Fleuriau Chateau, MD
Friday	14:30-	nSTRIDE® APS: The Next Generation in
	15:30	Autologous Therapy for Early Knee OA - Jennifer Woodell-May, Ph.D

Policy on the Use of Meeting Program Content:

Material presented at the COA/ICORS/CORS/CORA Annual Meetings is the property of the presenter and should not be reproduced without the consent of the presenter and the appropriate acknowledgments.

- If using your mobile or electronic device for personal note-taking, be respectful of fellow members of the audience as well as any presenters or moderators.
- Please do not reproduce or distribute any meeting content.

Should a delegate be interested in accessing any of the program content, we suggest that they contact the presenter for permission.

Disclaimer:

The material presented at the ICORS and COA Meetings have been made available by the 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 COA disclaims any or all liability for injury or other damages resulting to any individual attending the Annual Meeting and for all claims that 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:

The COA is a Royal College of Physicians and Surgeons of Canada (RCPSC) accredited provider. The ICORS and COA Meetings in Montréal, Quebec, June 19-22, 2019, are accredited under Section 1 of the RCPSC Maintenance of Certification program. As such, the meeting meets the Canadian Medical Association guidelines governing the relationship between physicians and industry.

All authors and presenters were required to disclose whether they have a financial interest or other relationship with a commercial company related directly or indirectly with the scientific or educational material presented at the Annual Meeting to ensure compliance with the CMA guidelines and Royal College accredited education event requirements. All presenters are required to place the official disclosure slide as the first slide of their presentations.

The COA has identified the options to disclose as follows:

1. Research or institutional support
2. Miscellaneous non-income support (e.g., equipment or services), commercially derived honoraria, or other non-research related funding (e.g., paid travel)
3. Royalties
4. Stock or stock options
5. Consultant or employee fees

Specific disclosures can be found on line at 2019icors.org under the "Program" menu.

Learning Objectives:

By participating in the ICORS and COA Meetings, participants will:

- 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, upper extremity, spine, sports medicine, paediatrics, and tumour.
- Update and expand their understanding of the advances in basic science research in musculoskeletal health and disease, and 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:

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.

Course Evaluations:

Please take the time to fill out the course evaluations in the COA App; this will assist in developing future COA/CORS Programs.

 <p>Canadian Orthopaedic Foundation Fondation Canadienne d'Orthopédie</p>	<p>The Canadian Orthopaedic Foundation works to support members of the Canadian Orthopaedic Association through the design of various granting and research programs, including the Canadian Orthopaedic Research Legacy and J. Edouard Samson Awards. The Foundation is also committed to expanding grants and fellowships nationally. The organization is dedicated to serving patients via print and online resources and through the referral based peer support program, Ortho Connect. www.whenithurtstomove.org.</p>
	
	

Download the FREE COA App! **Téléchargez l'application gratuite de l'ACO!**

The COA App is your essential meeting tool providing exclusive access to:

- Day-by-day program information and schedules
- Session evaluation forms
- Certificate of attendance
- Daily alerts, updates and more!

Download the App by scanning the code below or by searching for COA-ACO in the App Store or in Google Play

L'application de l'ACO est un outil essentiel à votre expérience, puisqu'il vous assure un accès exclusif à ce qui suit :

- *Renseignements quotidiens sur le programme et l'horaire*
- *Formulaires d'évaluation des séances*
- *Certificat de présence*
- *Alertes et mises à jour quotidiennes, et plus encore!*

Pour télécharger l'application, balayez le code ci-dessous ou recherchez « COA-ACO » dans l'App Store d'iTunes ou dans Mes applis Android de Google Play.



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Obtain Your Certificate of Attendance in 3 Easy Steps

STEP 1: Complete the **session evaluation forms** for **each session** that you attended

- **Evaluations may be completed through the COA App**
 - o Download the COA App by searching for **COA-ACO** in the App Store or Google Play
 - o OR visit: <http://m.xcdsystem.com/coa> for App download instructions
 - o After downloading the App, login with your email and COA membership/registration password to complete the evaluations

OR

- **Evaluations may also be completed ONLINE**
 - o Visit <https://www.xcdsystem.com/coa/credits> to complete session evaluation forms on a computer or mobile device
 - o Login with your email and COA membership/registration password to complete the evaluations

STEP 2: Complete the **overall meeting** evaluation

- After completing the **session evaluations** for **all sessions** attended, complete the **overall meeting evaluation** form.
- **The overall meeting evaluation form can be completed in the COA App OR online**
<https://www.xcdsystem.com/coa/credits>

STEP 3: Generate your **certificate of attendance**

- Once all **session evaluation forms AND the overall meeting evaluation form** are complete, your **certificate of attendance** is ready to download OR sent by email.

Links and instructions will be emailed to all registered delegates as well.

RECOGNIZED MEMBERS AND AWARDS

ICORS Leadership

ICORS President: Theodore Miclau, US

ICORS President-Elect: Gun-Il Im, Korea

FIOR Chair: Geoff Richards, Switzerland

New Initiatives Task Force Chair: Bernd Grimm, Germany

Secretary: Brenda Frederick, US

ICORS Member Societies

AO Foundation: Mauro Alini, Geoff Richards

ASEAN ORS: Joyce Koh Suang Bee, Tunku Kamarul Zaman Bin

ANZORS; Gerald Atkins, Dominic Thewlis, Egon Perilli

British ORS: Richie Gill, Hamish Simpson

Canadian ORS: John Antoniou, Paul E. Beaulé, Fackson Mwale

Chinese ORS: Gang Li, Ling Qin, Yang Liu, Luo Zuoqing

EORS: Bora Uzun, Denitsa Docheva, Bernd Grimm

Korean ORS: Gun-il Im, Hyuk-Soo Han, Yang-Guk Jung, Jung-Ho Park

ORS: James Iatridis, Ted Miclau, Susan Chubinskaya

ICMRS: Ling Qin

Taiwan ORS: Jui-Sheng Sun, Chin-Chean Wong

Japanese ORS: Yoshiharu Kawaguchi, Daisuke Sakai, Akihiro Sudo

Carousel Presidents

Canadian Orthopaedic Association: John Antoniou

American Academy of Orthopaedic Surgeons: David Halsey

American Orthopaedic Association: Rick W. Wright

Australian Orthopaedic Association: David Martin

British Orthopaedic Association: Philip Turner

New Zealand Orthopaedic Association: Rod Maxwell

South African Orthopaedic Association: Leon Rajah

Canadian Provincial Presidents

Newfoundland and Labrador: Andrew Furey

Nova Scotia: Nathan Urquhart

New Brunswick: Andrew Clark and Michael Forsythe

Québec: Jean-Francois Joncas

Ontario: John Harrington

Manitoba: James Vernon

Saskatchewan: Elliott Pally

Alberta: Michael Bering

British Columbia: Alastair Younger

COA Subspecialty Guest Speakers

Hand and Wrist Featured Specialty: Todd Kuiken, US

COFAS: Thibaut Leemrijse, Belgium

CSES: Shawn O'Driscoll, US

Paediatrics: Dror Paley, US

Trauma: David Teague, US

CORA Co-Chairs

Magdalena Tarchala, QC; Véronique Drapeau-Zgoralski, QC

COA Awards

Presidential Award for Excellence: Peter Roughley, QC

Presidential Award of Merit: Bas Masri, BC, Emil Schemitsch, ON

2018 Founders' Medal: David Wilson, BC

Canadian Orthopaedic Foundation Award

J. Edouard Samson Award: Michelle Ghert, ON

CORA Award

2018 J.A. Nutter Award: David Burns, ON

2019 Visiting and Travelling Fellows

American-British-Canadian (ABC) Fellows

Sukhdeep Dulai, AB

Ruby Grewal, ON

North American Travelling Fellowship (NATF)

Moin Khan, ON

Anica Bitenc Fellow

Robi Kelc, Slovenia

Canadian-French-Belgian-Swiss (CFBS)

Guillaume Lonjon, France

Solange de Wouters, Belgium

Austrian-Swiss-German (ASG)

Martin Thaler, Austria

Karlmeinrad Giesinger, Switzerland

Boris Michael Holzapfel, Germany

Georgi Wassilew, Germany

2019 ANNUAL MEETING KEYNOTE SPEAKERS

Guest Speaker bios are available online at <http://2019icors.org/guest-speakers>



Presidential Guest Speaker

Roberta L. Bondar, O.C., O.Ont., MD, PhD,
FRSC, ICD.D

Opening Ceremonies: June 19, 2019, 17:30
Plenary Hall, Room 517D, Hall Viger, Palais
des congrès

Change, Adaptation & Risk



R.I. Harris Lecturer

Richard Leigh Cruess, C.C., O.Q., M.D.,
FRSC

Friday, June 21, 9:30
Plenary Hall, Room 517D, Hall Viger, Palais
des congrès

*From Professionalism to Professional Identity:
An Educational Journey*



Ian Macnab Lecturer

Mauro Alini, PhD., AO Foundation

Thursday, June 20, 15:30
Plenary Hall, Room 517D, Hall Viger, Palais
des congrès

*25 Years of Spine Basic Research: Nothing
New on The Clinical Horizon?*

COMMITTEE AND AFFILIATE MEETINGS

All meetings are held in the Palais des congrès unless otherwise stated.

WEDNESDAY		
7:00-9:00	COA Executive Committee Meeting	Room 522C
8:00-10:00	COA Standards Committee Meeting	Room 524A
8:30-11:30	COA Practice Management Committee Meeting	Room 524B
9:30-10:30	COA Finance & Audit Meeting	Room 522C
10:00-12:00	Canadian Joint Replacement Registry Advisory (CJRR) Meeting	Room 524A
10:00-12:00	COA Continuing Professional Development (CPD) Committee Meeting	Room 521A
11:00-13:00	Orthopaedic Clinical Coordinators Group (OCCG) Meeting	Room 518A
12:00-12:30	COA Subspecialties Meeting	Room 522C
13:00-14:30	Canadian Arthroplasty Society (CAS) Research Meeting	Room 522C
13:00-16:00	COA Board Meeting	Room 524B
13:00-17:00	Canadian Orthopaedic Trauma Society (COTS) Meeting	Room 518A

THURSDAY		
7:00-8:30	ICORS Board Meeting	Room 523
8:00-9:00	RSA Network Meeting	Room 522C
9:45-10:45	Your COA in Review (formerly COA Business Meeting)	Room 519A
12:30-1:30	CORS Business Meeting	Room 521
12:45-13:15	COA Global Surgery (COAGS) Committee Meeting	Room 524A
15:00-15:50	Canadian Orthopaedic Residents' Association (CORA) Board Meeting	Room 522C

15:00-18:00	ORS Board Meeting	Room 523
15:30-17:00	Canadian Shoulder and Elbow Society (CSES) Research Meeting	Room 525

FRIDAY		
7:00-9:30	ORS Board Meeting	Room 523
8:00-9:00	CORS Executive Meeting	Room 522C
8:00-9:15	Canadian Shoulder and Elbow Society (CSES) Business Meeting	Room 525
11:15-12:45	Canadian Orthopaedic Limb Lengthening Association (COLLA) Research Meeting	Room 518BC
13:30-15:00	Canadian Paediatric Orthopaedic Group (CPOG) Research Meeting	Room 518BC
15:30-17:00	Arthroscopy Association of Canada (AAC) Executive Meeting	Room 519A
15:30-17:30	Wrist Evaluation Canada (WECAN) Research Investigator's Meeting	Room 523

SATURDAY		
9:45-11:30	Wrist Evaluation Canada (WECAN) Research Update & Business Meeting	Room 518A
10:35-11:45	Canadian Orthopaedic Foot & Ankle Society (COFAS) Business Meeting	Room 518C
11:30-12:30	Canadian Paediatric Orthopaedic Group (CPOG) Annual Meeting	Room 524A
11:30-12:30	Canadian Orthopaedic Oncology Society (CANOOS) Business Meeting	Room 518B
14:45-15:30	Arthroscopy Association of Canada (AAC) Business Meeting	Room 519B

SOCIAL ACTIVITIES AT-A-GLANCE

Detailed social program available online at www.2019icors.org

WEDNESDAY		
17:30-19:00	Opening Ceremonies	Room 517D
19:00-21:00	President's Welcome Reception	Exhibit Hall Room 517ABC
20:00-22:00	ICORS Faculty Cocktail <i>(invitation only)</i>	Le Local
20:00	CORA Social Evening	Terrasse Bonsecours

THURSDAY		
8:00-11:00	Hospitality Suite for families & guests	Victoria Room, Westin Hotel
9:00-13:00	City Tour of Montréal and Au Sommet Place Ville Marie \$80/person	Meet in the Westin Lobby
18:30	COA Past Presidents' Dinner <i>(invitation only)</i>	Pointe-à-Caliere Museum

FRIDAY		
8:00-11:00	Hospitality Suite for families & guests	Victoria Room, Westin Hotel
19:00	MTL By Night: Closing Gala \$125/adult ; \$50/child under 12	Room 710 & Rooftop Terrace Palais des congrès

SATURDAY		
8:00-11:00	Hospitality Suite for families & guests	Victoria Room, Westin Hotel
10:00-12:30	Flavours and Aromas of Old Montréal \$68/person	Meet in the Westin Lobby



Wednesday, June 19, 2019

2019 Annual Meeting Program

Co-Chairs: Véronique Drapeau-Zgoralski, Magdalena Tarchala
Palais des congrès de Montréal, Room 518 BC

To view CORA abstracts, consult the COA App or the COA Annual Meeting program at www.2019icors.org.

10:00-10:05 Opening Remarks, Welcome

10:05-10:55 Mini Symposium

An Osteoporosis Primer for Orthopaedic Residents

Prism Schneider, Calgary, AB; Ted Tufescu, Winnipeg, MB

10:55-11:05 Address by COA President Dr. John Antoniou

11:05-11:15 Health Break • Room 521BC

11:15-12:25 CORA Paper Session 1

Moderators: Dominique Rouleau, QC; Edward Harvey, QC

Feature Podium Talks (6 minutes each)

FP1: Pre-Operative Opioid Use Negatively Impacts One-Year Outcomes After Total Knee Arthroplasty

Craig Goplen, University of Alberta; Lauren Beaupre, Thomas Churchill, Don Voaklander, C. Allyson Jones, Sung Hyun Hyun Kang

FP2: Less is More: Single-Incision Repair Results in Greater Terminal Supination Torque than Double-Incision Repair for Acute Distal Biceps Ruptures

David J. Stockton, University of British Columbia; Gabriel Tobias, Jeffrey Pike, Parham Daneshvar, Thomas J. Goetz

FP3: Effect of Femoral Nerve Block on Hip Fracture Patients

Khalid Almaazmi, University of Alberta; Lauren Beaupre, Matthew R.G. Menon, Ban Tsui

FP4: Clinical Outcome Results of Total Ankle Replacement and Ankle Arthrodesis: A Pilot Randomized Controlled Trial

Bernard Burgesson, Dalhousie University; Mark Glazebrook, Timothy Daniels, Alastair S.E. Younger

Lightning Talks (2 minutes each)

LT1: Meniscal Height as a Predictor of Noncontact ACL Injury

Motaz Alaaqeel, McGill University; Iskandar Tamimi, Andrew Crasper, Jimmy Tat, Justin Schupbach, Paul André Martineau

LT2: The Effect of NSAIDs on Post-Fracture Bone Healing; A Meta-Analysis of Randomized Controlled Trials

Humaid Al Farii, McGill University; Leila Farahdel, Ali Salimi

LT3: The Efficacy of Repeated Closed Reduction of Distal Radius Fractures

Alex Hoffer, University of British Columbia; Daniel Banaszek, Jeffrey Potter, Henry Broekhuysse

Discussion (2 minutes)

LT4: Complications After Revision Total Knee Arthroplasty in the Obese Population : A Retrospective Comparative Study

Pierre-Olivier Jean, Université Laval; Martin Bedard, Etienne Belzile, Julien Caron, Stéphane Pelet

LT5: Effect of Major Psychiatric Illness on Patient Reported Outcomes in Primary Total Hip and Knee Arthroplasty: A Retrospective Matched Cohort

Sahil Kooner, University of Calgary; Jeremy Kubik, Saboura Mahdavi, Hoa Khong, Eldridge Batuyong, Rajrishi Sharma

LT6: Orthopaedic Surgeons' Perspective on Complex Proximal Humerus Fracture Treatment in the Elderly

Elie Karam, Université Laval; Stéphane Pelet

Discussion (2 minutes)

LT7: Clinical and Radiographical Outcomes of Proximal Femur Cemented Stems in Tumour Endoprostheses

Anas Nooh, McGill University; Abdulrahman Alaseem, Ricard Marc-Antoine, Krista Goulding, Robert Turcotte

LT8: Three-Dimensional Printing in Orthopaedic Surgery: A Systematic Review and Meta-Analysis

Seper Ekhtiari, McMaster University; Jasmine Levesque, Ajay Shah, James Yan, Patrick Thornley, Dale Williams

LT9: Thrombelastography Identifies Hypercoagulability in Hip Fracture Patients Despite Thromboprophylaxis

Daniel You, University of Calgary; Robert Korley, Richard Buckley, Paul Duffy, Ryan Martin, Tanja Harrison, Andrea Soo, Prism Schneider

Discussion (2 minutes)

12:25-13:15 Lunch Break • Room 521BC

13:15-14:25 CORA Paper Session 2

Moderators: Dominique Rouleau, QC; Edward Harvey, QC

Feature Podium Talks (6 minutes each)

FP5: Association Between Pre-Operative Echocardiography and Increased Post-Operative Mortality and Medical Costs Among Adults With Hip Fracture

Justin Chang, University of Toronto; Daniel Pincus, Richard Jenkinson, David Wasserstein, Hans Kreder, Bheeshma Ravi

FP6: The Use of Negative Pressure Wound Therapy in Patients With Open Fractures

Yousif Atwan, Western University; Sheila Sprague, Sofia Bzovsky, Kyle Jeray, Brad Petrisor, Mohit Bhandari, Emil H. Schemitsch

FP7: Effect of Pre-Operative Depression on Patient Reported Function and Pain Post Total Joint Arthroplasty (Total Hip/Knee Arthroplasty)

Tyson Boettcher, University of Alberta; Richard McLeod, C. Allyson Jones, Sung Hyun Hyun Kang, Lauren Beaupre

FP8: Biplanar Stereo-Radiographic Imaging as a New Reference in Tridimensional Evaluation of Tunnels Positioning in ACL Reconstruction

Julien Montreuil, McGill University; Frédéric Lavoie, Félix Thibeault, Thierry Cresson, Jacques de Guise

Lightning Talks (2 minutes each)

LT10: Olecranon Osteotomy Implant Removal Rates and Associated Complications

Alex Meldrum, University of Calgary; Cory Kwong, Katherine Archibold, Tanja Harrison, Prism Schneider

LT11: High Patient Catastrophizing Score Predicts Poor Outcome in the Complex Foot and Ankle Patient

Oliver Gagne, University of British Columbia; Andrea Veljkovic, Lindsay Anderson, Michael Symes, Kaniza Zahra Abbas, Murray Penner, Kevin Wing, Alastair S.E. Younger, Khalid Syed, Johnny T.C. Lau

LT12: Total Knee Operative Indications Based on Pre-Operative Functional Scores: Are We Operating Earlier than Ever Before?

Peter Dust, McGill University; Jan Kruijt, John Antoniou, Nikolaos Stavropoulos, Olga L. Huk, David J. Zukor, Stéphane Bergeron

Discussion (2 minutes)

LT13: The Influence of Post-Operative Capillary Blood Glucose Management on Reoperation for Infection Following Total Joint Arthroplasty

Manisha Mistry, University of Ottawa; Robert Feibel, Johanna Dobransky, Janine C. Malcolm

LT14: Fracture Table or Lateral Positioning? A Multinational Survey on Preferences for Antegrade Fixation of Femur Fractures

Daniel Axelrod, McMaster University; Mohamed Sarraj, Jamal Al-Asiri, Herman Johal

LT15: Management of Glenoid Bone Loss in Primary Reverse Total Shoulder Arthroplasty Using Humeral Head Autograft: A Cohort Study

Ahmed Habis, Queen's University; Xin (Bill) Mei, Ryan Bicknell

Discussion (2 minutes)

LT16: Primary Total Knee Arthroplasty for the Treatment of Acute Tibial Plateau Fractures: A Systematic Review

Murray Wong, University of Calgary; Jonathan Bourget-Murray, Nicholas Desy

LT17: Anterolateral Ligament Injury in Knee Dislocations

Yousef Marwan, McGill University; Shubhang Kulkarni, Abdullah Addar, Nizar Algarni, Iskandar, Tamimi, Mathieu Boily, Paul Andre Martineau

LT18: Quantification of Radiation Exposure in Orthopaedic Residents

Jonathan Bourget-Murray, University of Calgary; Spencer Montgomery, Sahil Kooner, Jeremy Kubik, Alex Meldrum, Cory Kwong, Eva Gusnowski, Kate Thomas, Joseph Kendal, Lee Fruson, Madison Litowski, Sarup Sridharan, Daniel You, Jennifer Purnell, Michael James,

Murray Wong, Taryn Ludwig, Annalise Abbott, Jayd Lukenchuk, Brent Benavides, Laura Morrison, Prism Schneider

Discussion (2 minutes)

14:25-14:30 5-minute Health Break

14:30-15:30 Paper Session 3

Moderators: Dominique Rouleau, QC; Edward Harvey, QC

Feature podium Talks (6 minutes each)

FP9: A Convolutional Neural Network (CNN) for Predicting Fracture Risk in Metastatic Bone Disease (MBD) of the Proximal Femur

Anthony Bozzo, McMaster University; Michelle Ghert, Jim Reilly

FP10: Impact of 3D Printed Calcaneal Fracture Models on Injury Understanding in Orthopaedic Surgery Residents

Spencer Montgomery, University of Calgary; Sahil Kooner, Prism Schneider

FP11: Coronoid Opening Angle: A Novel Radiographic Technique to Measure Bone Loss in Coronoid Fractures

Michael Nitikman, University of British Columbia; Brett Kilb, Tendai Mwaturura, Parham Daneshvar

FP12: Femoral Fassier-Duval Rodding in Osteogenesis Imperfecta: Long-Term Results in 27 Patients With a Minimum 10-Year Follow Up

Abdullah Addar, McGill University; Fan Jiang, Yousef Marwan, Nizar Algarni, Kathleen Montpetit, Reggie C. Hamdy, Francois Fassier

Lightning Talks (2 minutes each)

LT19: A Systematic Review on the Current Evidence in the Treatment of Lichtman Stages IIIA and IIIB in Kienbock's Disease

Patrick Qi Wang, Western University; Bogdan Matache, Ruby Grewal, Nina Suh

LT20: The Effects of Simple Bone Cysts in Children

Jong Min (John) Lee, University of Toronto; Amy Behman, James G. Wright, Brian Feldman, Andrea Doria, Caroline Fusco

LT21: A Scoping Review on the Surgical Treatment of Rotationally Unstable Ankle Fractures with Posterior Malleolar Involvement

Jeremy Kubik, University of Calgary; Sahil Kooner, Herman Johal

Discussion (2 minutes)

LT22: Chronic Postsurgical Pain After Elective Foot and Ankle Surgery: A Scoping Review

Yibo (Teresa) Li, University of Alberta; Cierra Stiegelmar, Lauren Beaupre, Elizabeth Pedersen, Derek Dillane, Martha Funabashi

LT23: Clinical Results and Complications Following Surgical Management of Symptomatic Os Acromiale: A Systematic Review

Jennifer Purnell, University of Calgary; Jonathan Bourget-Murray, Adam Kwapisz, Aaron Bois, Justin LeBlanc

LT24: A Meta-Analysis of Range of Motion and Functional Outcome Between Dorsal and Volar Plate Fixation for Distal Radius Fractures

Eva Gusnowski, University of Calgary; Kate Thomas, Prism Schneider

Discussion (2 minutes)

15:30-15:40 Health Break

15:40-17:00 CORA Symposium: What's Next?

Making the Most of Life After Residency

Moderators: Véronique Drapeau-Zgoralski & Magdalena Tarchala, QC

Medicine, Business, and Family - Finding a Way to Make it All Work

Edward Harvey, Montréal, QC

How to Go From Being the Worst Resident in Your Program to a Successful Academic Surgeon

Dominique Rouleau, Montréal, QC

Start your Practice Like a Boss: Tips and Tricks for Getting Started in the Workforce

Nayla Papadopoulos, Ottawa, ON

Getting a Job – Is There Another Way? Discussing Job Sharing and More...

Robert McCormack, New Westminster, BC

17:00-17:15 Bones and Phones Award Presentation, CORA Awards

17:15 CORA Meeting Closes

Join us!

17:30 COA Opening Ceremonies

19:00 COA Presidents' Reception

20:00-23:00 CORA Social Evening