COA/CORS/Hip Symposium Preliminary Program
June 15-18, 2017, Westin Ottawa Hotel,
and Shaw Convention Centre

Thursday, June 15

COA Committee Day
(see Committee and Affiliates Schedule www.coaannualmeetings.ca)

CORA Annual Meeting
8:00 registration and breakfast
9:00-11:30 CORA Paper session
11:30-13:00 Lunch and Posters
13:00-16:00 CORA Symposium

20:00 CORA Social Event (tickets required)

Hip Symposium/ LAB

8:00-9:00 Hip Symposium Session 1: Introduction To The Pre-Arthritic Hip
Moderator: Paul Beaulé, ON

Speakers:
- History/Physical Examination: A Comprehensive Approach – Ernest Sink, US
- Plain Radiographs and Normal Variants – Etienne Belzile, QC
- Is 3D Useful or Too Much Radiation? – Justin Cobb, UK
- Understanding the Anatomy, The Key to Reconstructing the Joint – Richard Santore, US
- Discussion with Case Examples

9:00-9:50 Hip Symposium Session 2: Evolution in techniques and protocols in FAI Surgery
Moderator: Richard Field, UK

Speakers:
- PAO for Retroversion: When and How – Klaus Siebenrock, CH
- The CAM Deformity: Avoiding Under/Over Correction – Thomas Byrd, US
- Are We Anchoring Too Many Labrums? – Christopher Larson, US
- Do Femoral Torsion and Acetabular Version matter in FAI surgery? – Michael Millis, US
- Discussion

9:50 – 10:50 Hip Symposium Session 3: The Young Athletic Hip
Moderator: Richard Santore, US

Speakers:
- Are Our Kids Doing Too Much Sports? – Klaus Sienbenrock, CH
• Hip Arthroscopy in the Very Young – Bryan Kelly, US
• Indications for Open Surgery (PAO/SD) – Ira Zaltz, US
• Should There be an Age Limit for Hip Arthroscopy? – Thomas Byrd, US
• Discussion

10:50-11:10 Break in Exhibitors

11:10-12:00 Hip Symposium Session 4: Revision Hip Preservation
Moderator: Michael Millis, US

Speakers:
• How to Best Classify Revision Cases – Bryan Kelly, US
• When to or Not to Re-intervene? Open Surgery – Richard Santore, US
• When to or Not to Re-intervene? Arthroscopy – Christopher Larson, US
• Defining Modes of Failure – Paul E. Beaulé, ON
• Discussion

11:30-13:00 Lunch in Exhibits

13:00-16:30 Hip Symposium Hip Arthroscopy and Femur Osteotomy Lab (offsite; registration required)
13:00: Shuttle to Sim Centre

17:30-19:00 Opening Ceremonies
Guest Speaker: Milt Stegall, The Off-field Work that Fueled my Body of Work

19:00-21:00 President’s Welcome Reception in the Exhibit Hall
Friday, June 16

7:50-9:20 Paper sessions:
- Paediatrics
- Upper Extremity/ Hand Moderators: Danny Goel, BC; Gurpreet Dhaliwal, AB
- CORS Arthroplasty Moderators: Alberto Carli, ON; Rizhi Wang, BC
- COA/CORS Spine Moderators: Fackson Mwale, QC; Albert Yee, ON

7:50-9:20: ICL: Foot & Ankle: Hallux Valgus
Moderator: Monika Volesky, QC

7:50-9:50: Critical Issues and Education Paper Session Moderators: Ted Tufescu, MB; Marcia Clark, AB

7:30-12:30: Hip Symposium Workshop: Surgical Approaches for Rapid Recovery Laboratory (offsite; registration required)
Moderator: Wade Gofton, ON
7:30: Shuttle to SIM Centre

Instructors:
Paul E. Beaulé, ON
Etienne Belzile, QC
Keith Berend, US
Joel Matta, US
Richard Field, UK
Wade Gofton, ON
Glen Richardson, NS

9:30-11:00:
ICL COA Paediatrics/ Hip Symposium: Management of Dysplasia in the Older Child/ Adolescent
Moderator: Klaus Sienbenrock, CH

Speakers:
- Interventions in the Pre-Adolescent - Kishore Mulpuri, BC
- Avoiding Pitfalls when Treating DDH - Michael Millis, US?
- Indications for Combined Procedures in the Older Adolescent - Ernest Sink, US
- Avoiding Reoperations for Dysplasia: the FEAR Index - Dr. Martin Beck, CH
- Discussion with Case Examples

ICL Foot & Ankle/ Trauma: Modern Trends in Foot and Ankle Surgery
Moderator: Richard E. Buckley, AB

Educational Objectives:
1. Understand the latest techniques for reducing Lis-Franc injuries.
2. Understand surgical indications and approaches for displaced intra-articular calcaneal fractures.
3. Understand the latest evidence-based approach to treatment of the syndesmotic injury.
4. Understand the recent changes in treatment approaches for the posterior malleolus fracture.

Speakers:
- Fusion or Fixation Lis Franc fractures – Matthew RG Menon, AB
- Full ORIF vs Limited approach for Calcaneal fractures – Jeremy LaMothe, AB
- Tightrope vs screws for syndesmosis – Herman Johal, ON
- Posterior Malleolus – ORIF or observe – Ted Tufescu, MB

ICL COA Sports Medicine/ Hip Symposium: Hip Arthroscopy
*Moderator*: Ivan Wong, NS

Speakers:
- Hip Arthroscopy 101 - Thomas Byrd, US
- What are the published Results on Hip Arthroscopy? - Femi Ayeni, ON
- Labrum Reconstruction and Cartilage Repair Techniques - Bryan Kelly, US
- What Factors Predict Good Clinical Results in Hip Arthroscopy: Patient Selection or Surgical Expertise? – Christopher Larson, US
- Discussion with Case Examples

CORS Paper session: Joints and Arthritis *Moderators*: Janie Wilson, NS; Margarete Akens, ON

10:00-11:00 COA Member services

10:45-11:30 Break in Exhibits

11:15-12:15 CORA Board Meeting

11:30-12:30: Plenary Session
Founders Update: Sam Park, ON
CORG Award
Samson Award
COA Business meeting

12:30-14:00 Lunch in Exhibits

13:00-14:00
CORS Business Meeting
COFAS business meeting

14:00-15:30
COA Paediatrics/ Hip Symposium- Update on Management of SCFE in Paediatrics
*Moderator*: Ron El Hawary, NS

Speakers:
- Boston’s Experience – Michael Millis, US
• Bernese’s Experience – Klaus Siebenrock, CH
• Managing the Complications of SCFE and SCFE Surgery – Ernest Sink, US
• Now that I've Heard the Experts, what am I Going To Do With My Next SCFE Patient? A Critical Analysis of the Evidence from The View of a Community Orthopedic Surgeon – David Nelson, BC
• Discussion

Hand Symposium: Chronic Carpal Instability and Wrist Arthritis: Assessment and Treatment

Education Symposium: Using Data to Improve Orthopaedic Care  
*Moderator:* Eric Bohm, MB

**Educational Objectives**
1. Be familiar with past, present and future outcome measures in orthopaedics (including PROMs and PREMs).
2. Understand how they can be used to improve quality of care.
3. Understand how they can be used to demonstrate value in orthopaedic care.

**Speakers:**
- Eric Bohm, MB
- Michael Dunbar, NS
- TBD
- James P. Waddell, ON
- Hans Kreder, ON

14:00-14:45 CORS Symposium: 3D printing  
*Moderator:* Fackson Mwale, QC

**Summary:** Additive manufacturing, also known as 3D printing, has emerged over the past 3 decades as a technology for rapid prototyping and manufacturing. The constantly improving quality of 3D-printing applications has contributed to their increased use on patients. This Symposium will highlight developments in 3D printing technology that has occurred in recent years and its potential role in the treatment of osteoarthritis. We will summarize for the clinician, the enormous benefits of 3D printing in the medical care of patients.

**Educational Objectives:**
1. What is 3D printing and how are 3D printed models or implants generated?
2. To understand the present state of 3D printing in orthopaedic applications.
3. What are the advantages and limitations of 3D printing?

**Speaker:**
Principles and Applications of Medical 3D Printing - Frank Rybicki, ON

14:45-15:30 Macnab Lecture (Topic: Musculoskeletal Tissue Engineering)  
Hani Awad, US

**Objectives:**
1. Understanding tissue engineering of load bearing connective tissues.
2. Clinical problems and translational solutions.

14:00-16:30 Hip Symposium: Minimizing adverse Events in Primary THA
Moderator: Fares Haddad, UK

Speakers:
- Biomechanics of the hip for the Orthopaedic Surgeon - Jean Lamontagne, QC
- How do I get it right? (version, leg length…) - Joel Matta, US
- When do I use ceramic heads?—ALWAYS - Donald Garbuz, BC
- When do I use ceramic heads?—NEVER – Steven MacDonald, ON
- Debate
- Outpatient THA - CON - Michael Tanzer, QC
- Outpatient THA - PRO - Keith Berend, US
- Debate
- How to investigate a painful MoM THA? - Douglas Padgett, US
- High BMI: Surgery or No Surgery - Paul Kim, ON
- What to do with resistant organisms in the treatment of PJI- Henri Migaud, FR
- Discussion

15:30-16:00 RI Harris Lecture, Richard Hawkins, US

16:00-17:30
ICL Paediatrics: Challenging Upper Limb Injuries in the Paediatric Patient- Fix it Now or Fix it Later?: Comparing Adult and Pediatric Solutions

Education Symposium: Lessons From the Visiting Presidents. How do You Measure Health Outcomes in Your Country?
Moderator: Kevin Orrell, NS

Canada: Peter B. MacDonald, COA President
US: Gerald Williams jr. AAOS President / Sanford E. Emory, AOA President
United Kingdom: Ian Winson, BOA President
New Zealand: Richard Keddell, NZOA President
South Africa: Adriaan van Zyl, SAAOA President
Australia: Ian Incoll, AuOA President

COAGS Symposium: The Evolution of Canadian Orthopedic Surgeon Involvement in relief work in LMIC
Moderator: Paul Moroz, US

COA Adult Reconstruction Hip 1 Paper session

16:15-17:15 CORS Fireside Chat Moderator: Hani Awad, US

16:30-17:30
Knee Fireside Chat - Bring your Tough Cases!
Sports Fireside Chat - Bring your Tough Cases!
Saturday, June 17

7:50-9:20
Update Session: Upper Extremity Trauma - Complications and How to Avoid Them
Moderator: Michael D. McKee, ON

- **Shoulder Fractures Complications** - Michael D. McKee, ON
  **Objectives:**
  1. Identify surgical indications for proximal humeral fractures.
  2. Innovative plating strategies to minimize hardware failure and intra-articular screw penetration following open reduction and internal fixation of proximal humeral fractures.
  3. Recognize indications for arthroplasty following proximal humeral fracture, including tuberosity management.

- **Elbow Fractures Complications** - J Pollock, ON
  **Objectives:**
  1. Identify indications for total elbow arthroplasty following distal humeral fracture.
  2. Learn plating strategies that minimize hardware failure following open reduction and internal fixation of intra-articular distal humeral fractures.
  3. Learn indications for, and correct sizing of, radial head replacement for radial head fracture.

- **Distal Radius Fractures Complications** - Ruby Grewal, ON
  **Objectives:**
  1. Technical considerations to avoid "escape" of the volar-ulnar fragment following volar plating of distal radial fractures.
  2. How to minimize tendon injury or disruption following open reduction and internal fixation of distal radius fractures.
  3. Strategies to maximize finger and hand motion following distal radial fracture.

ICL: Canadian Arthroplasty Society / Hip Symposium: Solutions in Complex THA Revision
**Moderator:** Etienne Belzile, QC

**Speakers:**
- Burden of Revision Surgery - Eric Bohm, MB
- Direct Exchange for PJI - Fares Haddad, UK
- Constrained Liners when do I use it? NEVER - Douglas Padgett, US
- Constrained Liners when do I use it? ALWAYS - Wade Gofton, ON
- Debate
- Direct Anterior Approach for Revision THA- ALWAYS - Keith Berend, US
- Direct Anterior Approach for Revision THA - NEVER - Douglas Naudie, ON
- Debate
- Modular vs Non Modular femoral Stems - Don Garbuz, BC
- Discussion with Case Examples
Paediatrics Workshop

COA Spine ICL: Clearing and Managing Spinal Injury in The Orthopaedic Trauma Patient  
*Moderator:* Albert Yee, ON

COA Paper Session Tumour *Moderators:* Robert Turcotte, QC; Joel Werier, ON  
*Anica Bitenc Fellow:* Ivan Bohacek, Croatia

COA Paper session: Foot and Ankle *Moderators:* Andrea Veljkovic, BC  
*Guest Speaker:* Masato Takao, Japan

**9:30-11:00**  
Update Session: Lower Extremity Trauma - Complications and How to Avoid Them  
* Moderator: TBD

**Speakers:**  
Distal Femur - Geoff Wilkin, ON  
Proximal Tibial Fractures - TBD  
Distal Tibial Fractures - TBD

COA Paper Session Upper Extremity *Moderators:* Darren Drosdowech, ON; Diane Lam, ON

COA Tumour/ Trauma ICL: Updated Concepts in The Management of Metastatic Bone Disease  
*Moderators:* Jeffrey Yach, ON; Michelle Ghert, ON

**Educational Objectives:**  
1. To develop an approach to the management of metastatic lesions in the proximal femur and pelvis.  
2. To develop an approach and understanding of metastatic lesions requiring surgical reconstruction and when it is appropriate to refer.  
3. To recognize some of the pitfalls in the management of pathologic lesions in the femur and pelvis.

**Speakers:**  
- Management of Proximal Femoral Lesions - Steven Papp, ON  
- Reconstruction of Pelvic and Acetabular Lesions - Richard Jenkinson, ON  
- Humerus (tumor) - Benjamin Deheshi, ON  
- When to Refer to Orthopaedic Oncology - Krista Goulding, QC

F&A Symposium Ankle Arthritis and Treatments  
*Moderator:* Timothy Daniels, ON

**9:45-10:30** Hip Symposium Session: Emerging Total Hip Designs/Techniques  
*Moderator:* Michael Tanzer, QC

- New Stem Designs are They Needed? - Richard Field, UK
• Big Head Ceramics - Martin Lavigne, QC
• Computer Assisted is the Future - Douglas Padgett, US
• Ceramic on Ceramic Hip Resurfacing - Justin Cobb, UK
• Discussion

10:45-11:30 Break

11:30-12:30 Grad Ceremony, President-Elect Address, Transfer of Office

12:30-13:30 CANOOS Meeting
12:30-14:00 Lunch
12:30-15:30 COA Foot & Ankle/COFAS lab (Offsite; registration required)
Moderator: Mark Glazebrook, NS

13:00-14:00
CAS Research Meeting
CPOG Annual Meeting
CSES Research Meeting
AAC Research Meeting

14:00-15:30
Looking Ahead of the Curve: Value-based Orthopaedic Care Comes to Canada
Moderator: Steve Gallay, ON

COA Paper Session Adult Reconstruction Hip

15:30-16:00 Presidential Guest Speaker, James Wright, UK

16:00-16:30 Break

16:30-17:30 Fireside Chats:
• Upper Extremity Moderator: Graham King, ON
• Trauma Moderators: Ted Tufescu, MB; Chad Coles, NS
• Paediatrics
• Foot and Ankle Moderators: Karl-André Lalonde, ON; Marc Bouchard, QC
• Hip Moderator: Wade Gofton, ON

19:00-23:00 COA Fun Night: Hangar Diner n’ Dance Party
(ticketed event; please purchase your tickets when you register)
Sunday, June 18

8:00-9:30
- Foot and Ankle Research Meeting
- Sports Paper session *Moderators:*
- Knee Paper session *Moderators:*
- Trauma Paper Session *Moderators:* Henry Broekhuyse, BC; Michael D. McKee, ON

8:00-9:30 ICL: Uncommon Causes of Shoulder and Upper Limb Pain: “The Masqueraders”: The Diagnoses You Don’t Want to Miss and How to Manage Them
*Moderator:* Christopher Bailey, ON

**Educational Objectives:**
1. To describe the differential diagnoses of upper extremity pain including neurological and myo-fascial etiologies.
2. To describe the diagnostic approach and criteria for myofascial, cervical spine, and brachial plexus pain etiologies.
3. To describe a rational treatment approach to myofascial, cervical spine, and brachial plexus pain syndromes.

**Speakers:**
- Myofascial Pain - Hilal Finestone, ON
- C-Spine Causes of Upper Limb Pain - Christopher Bailey, ON
- Plexus Causes of Upper Limb Pain - Christy Boyd, ON

9:45-11:00 COA ICL Knee: "Changing concepts in TKA"
*Moderator:* David Backstein, ON

**Educational Objectives:**
The purpose of this session is to stimulate discussion and present data regarding new ways of performing TKA surgery and treating infection.

1. To discuss and review techniques and strategies for early recovery after TKA surgery including peri-operative modalities and new surgical techniques.
2. To compare and contrast traditional thinking related TKA kinematics with newer alternatives.
3. To review the available literature regarding methods of treating TKA infection which may reduce morbidity and cost.

**Speakers:**
- Same Day Discharge for TKA: The Ottawa Experience - Geoffrey Dervin, ON
- Modern TKA Kinematics Should Mimic the Normal Knee - David Backstein, ON
- Infected TKA: One Stage Revision May be an Option - Rajiv Gandhi, ON
- Patient Specific Guides for TKA: Is there role? - Douglas Naudie, ON
- Discussion

10:00-11:30 Trauma Symposium: Bone Health in 2016 - Through Thick and Thin
*Moderator:* Prism Schneider, AB
Guest Speaker: OTA President- Bill Ricci, US
11:00-12:30
COA Knee Symposium: New Technologies in TKA
Moderator: Michael Dunbar, NS

8:30-12:00 CSES Half Day

Moderator: Christopher Bailey, ON
(see session details above)

9:45-10:45 Debates
Moderator: Meaghan Rollins, MB

How I Deal With The Large Hill Sachs Lesion in Anterior Shoulder Instability:

- Remplissage is The Only Way to Treat This - Martin Bouliane, AB
- Remplissage is Not a Real Operation: Bone Grafting is The Way to Go - Peter Lapner, ON

How I Treat Peri-Prosthetic Infection

- Single Stage Revision is Best for the Patient - Ryan Bicknell, ON
- Two-stage revision yields better results - TBD

11:00-12:00 Symposium: Sports Injuries in the Elbow
Moderator: Kevin Hildebrand, AB

History and Injury Mechanisms - Graham King, ON
Physical Assessment - J Pollock, ON
Imaging and Special Tests: Kevin Hildebrand, AB

8:30-12:00 COFAS Think Tank: COFAS research meeting, progress and planning for COFAS members

8:30-12:00 Sports Half day Paper Session, Symposium, and AAC meeting