



Friday, June 22 COA Scientific Program

7:00-8:00 CORS Executive Meeting • Langford

**7:15-9:30 Canadian Paediatric Orthopaedic Group (CPOG) Annual Forum
• Oak Bay**

7:30-8:00 OMeGA Medical Grants Association Meeting • West Coast

7:50-9:30 COA Paper Session: Knee • Crystal Ballroom, Empress

Moderators: Michèle Angers, QC; Glen Richardson, NS

52 - 07:50

Antibiotic-loaded Bone Cement Decreases the Risk of Deep Infection Following Primary Total Hip and Knee Arthroplasty: A Systematic Review and Meta-analysis of 226,265 Patients

Raman Mundi, ON; Jeffrey Kay, ON; Muzammil Memon, ON; Harman Chaudhry, ON; Vickas Khanna, ON; Anthony Adili, ON; Mitchell J. Winemaker, ON; Mohit Bhandari, ON

53 - 07:56

Stability Assessment of a New Knee Replacement Product Using Radiostereometric Analysis at Two Years Follow-up

Thomas Turgeon, MB; Glen Richardson, NS; Trevor Gascoyne, MB; Elise Laende, NS; Eric Bohm, MB; Michael J. Dunbar, NS

54 - 08:02

Improved Outcomes in 'Consistent Varus' Knees after Total Knee Arthroplasty with Kinematic Alignment

Glen Richardson, NS; Chris Dusik, BC; Michael J. Dunbar, NS; John Amirault, NB; Kostantinos Tsitskaris, NS

55 - 08:08

A Randomized Controlled Trial to Establish Realistic Patient Expectations Following Total Knee Arthroplasty

Steven MacDonald, ON; Dianne Bryant, ON; Sharon Culliton, ON; Kathryn Hibbert, ON; Bert Chesworth, ON

Discussion 08:14

56 - 08:26

Varus Tibial Alignment is Associated with Greater Tibial Baseplate Migration at Ten Years Following Total Knee Arthroplasty

Steven MacDonald, ON; Douglas Naudie, ON; Richard W. McCalden, ON; Xunhua Yuan, ON; David Holdsworth, ON; Matthew Teeter, ON; Brent Lanting, ON



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57 - 08:32

Frequency and Utility of Pre-consultation MRI Use in Patients Referred to a Regional Joint Assessment Program for Possible Total Knee Arthroplasty
Daniel Tushinski, ON; Danielle Petruccelli, ON; Justin De Beer, ON; Mitchell J. Winemaker, ON; Sherri Gavin, ON; Angela Accettura, ON; Sampa Samanta, ON; Susan Montgomery, ON; Stephen Patton, ON; Nancy Toffolo, ON

58 - 08:38

Patient Specific Instrumentation Does Not Affect Implant Migration in Total Knee Arthroplasty at One-year Postoperation
Matthew Teeter, ON; Douglas Naudie, ON; James Howard, ON; Edward Vasarhelyi, ON; Xunhua Yuan, ON; Richard W. McCalden, ON

Discussion 08:44

59 - 08:53

Total Knee Arthroplasty Design Does Not Have a Clinically Significant Effect on Reactive Stepping Biomechanics
Adam Katchky, ON; James Borrelli, MD; Brian Maki, ON; Veronica Wadey, ON; William H Gage, ON; J. Rod Davey, ON; Geoff Fernie, ON

60 - 08:59

Clinical Outcome and Patient Satisfaction Levels in Revision Knee Arthroplasty with Posterior Stabilized versus Unlinked Constrained versus Rotating Hinged Prosthesis: A Minimum Two-year Follow-up
Simon Garceau, BC; Donald Garbuz, BC; Nelson V. Greidanus, BC; Bas A. Masri, BC; David Wysocki, WA

61 - 09:05

A Comparison of Short versus Long Films in the Assessment of Coronal Alignment in Primary Total Knee Arthroplasty
Thomas Wood, ON; Mohammad Mesfer Alzahrani, QC; Eric Grayson, ON; James Howard, ON; Brent Lanting, ON; Edward Vasarhelyi, ON

62 - 09:11

Same-day-discharge Total Knee Replacement: Compatible with Canadian Standard of Care?
Arno Smit, BC

Discussion 09:17

8:00-9:30 COA Paper Session: Hip 1 • Lecture Theatre

Moderators: James Powell, AB; Richard Street, NZOA President

63 - 08:00

Multi-centre Retrospective Matched Cohort Study Comparing Outcomes Between Anterior, Lateral and Posterior Approaches for Total Hip Arthroplasty
Denis Joly, AB; Rajrishi Sharma, AB; Saboura Mahdavi, AB; Guanmin Chen, AB; Hoa Khong, AB; Peter Faris, AB

64 - 08:06

Femoral Length Overgrowth, A Reason for Femoral Shortening Osteotomy at the Time of Hip Arthroplasty for Unilateral High Riding Crowe type III and IV Developmental Dysplasia of the Hip (DDH) - An Observational Study
Mohammad Taghi Ghazavi, ON

65 - 08:12

Early Results of 500 Ceramic-on-Ceramic Large Diameter Head Monoblock Acetabular Cups with a Minimum of Two Years Follow-up

Julien Chapleau, QC; Jihad Matta, QC; William Blakeney, QC; Vincent Masse, QC; Marc-Olivier Kiss, QC; Martin Lavigne, QC; Pascal-Andre Vendittoli, QC

Discussion 08:18

66 - 08:27

Abductor Insufficiency in Total Hip Arthroplasty – A Novel Classification System

Jennifer Leighton, ON; Evan Watts, ON; Paul Robert Kuzyk, ON; Allan E. Gross, ON; Oleg Safir, ON

67 - 08:33

Mid-term Results of a pRCT Comparing Large Head MOM THA to HR using PROMs and Objective Functional Task Based Outcomes

Bas A. Masri, BC; Donald Garbuz, BC; Sujith Konan, IA; Clive P. Duncan, BC; Nelson V. Greidanus, BC

68 - 08:39

Physical Activity in Total Hip Arthroplasty: Comparing the Direct Anterior Approach to the Direct Lateral Approach

James Howard, ON; Lyndsay Somerville, ON; Brent Lanting, ON; Abdulaziz Al-Jurayyan, ON; Edward Vasarhelyi, ON; Matthew Teeter, ON

Discussion 08:45

69 - 08:54

Does Severity of Dysplasia Influence Clinical Outcomes Following the Periacetabular Osteotomy? – A Case Control Study

Paul E. Beaulé, ON; George Grammatopoulos, ON; John Clohisy, MO; Cecilia Pascual-Garrido, MO; Jeffrey Nepple, MO

70 - 09:00

A Prospective Randomized Trial Comparing Alumina Ceramic-on-Ceramic with Ceramic-on-Conventional Polyethylene: 15-year Follow-up

James P. Waddell, ON; Amit Atrey, ON; Jesse Wolfstadt, ON; Amir Khoshbin, ON; Sarah Ward, ON

71 - 09:06

Characterization of the Immune Response in Adverse Local Tissue Reactions to Metal Hip Implants

Felipe Eltit, BC; Clive P. Duncan, BC; Donald Garbuz, BC; Bas A. Masri, BC; Rizhi Wang, BC; Michael E. Cox, BC; Nelson V. Greidanus, BC



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72 - 09:12

Does Acetabular Coverage Influence the Clinical Outcome of Arthroscopically treated Cam Femoroacetabular Impingement?

Paul E. Beaulé, ON; Mazen Ibrahim, ON; Alexandra Catherine Bunting, ON; Stephane Poitras, ON; Enrique Sandoval, ON

Discussion 09:18

8:00-9:30 COA Paper Session: Spine 1 • Colwood

Moderators: John Street, BC; Pradeep Makan, SAOA President

73 - 08:00

Canadian Spine Society's 2018 1st Top Scored Paper & Debbie Scarlett Award

Winner for Best Overall Paper: Preoperative Psychological Factors Significantly Add to the Predictability of Chronic Narcotic Use: A Two-year Prospective Study

Neil Manson, NB; Erin Bigney, NB; Edward P. Abraham, NB; Eden Richardson, NB; Kate Ellis, NB

74 - 08:06

Canadian Spine Society's 2018 2nd Top Scored Paper Award Winner: **Biological**

and Clinical Outcomes of Chiropractic Spinal Manipulative Therapy in the Treatment of Patients with Acute Inflammatory Radiculopathy Secondary to Lumbar Disc Herniation: A Pilot Study

John Street, BC; Paul B. Bishop, BC; Mélissa Nadeau, BC; Charles G. Fisher, BC; Marcel Dvorak, BC; Brian Kwon, BC

75 - 08:12

An Exploratory Analysis of Spine Patients' Preoperative Concerns and Decision-making Process; Does What the Surgeon Say Matter?

Norah-Faye Matthies, ON; Raja Y. Rampersaud, ON; Anthony Perruccio, ON; Stephen J. Lewis, ON; Fiona Webster, ON; Sam Keshen, ON

Discussion 08:18

76 - 08:27

Prevalence of Preoperative Bloodwork and Transfusion Rate in Elective Laminectomies

Mina Tohidi, ON; Tiffany Lung, ON; David Yen, ON

77 - 08:33

Allogeneic Blood Transfusions and Infection Risk in Single Level Lumbar Posterior Decompression: An American College of Surgeons National Surgical Quality Improvement Program Study

Amedeo Falsetto, ON; Mohamad Hoda, ON; Darren Roffey, ON; Stephen Kingwell, ON; Philippe Tran Nhut Phan, ON; Eugene Wai, ON; Alexandra Stratton, ON

78 - 08:39

Beneficial Effects of Regular Exercise Prior to Thoracolumbar Spinal Surgery

Kim Vu, ON; Greg McIntosh, ON; Darren Roffey, ON; Eve Tsai, ON; Alexandra Stratton, ON; Philippe Tran Nhut Phan, ON; Stephen Kingwell, ON; Eugene Wai, ON; Michael Garth Johnson, MB

Discussion 08:45

79 - 08:54

Factors Associated with an Increased Risk of Developing a Postoperative Infection Following Spine Surgery

Mina Aziz, MB; Michael Garth Johnson, MB; Greg McIntosh, ON; Michael J. Goytan, MB

80 - 09:00

Narcotic Use Trends in Elective Thoracolumbar Spinal Surgery Patients

Mohamed El Koussy, ON; Alexandra Stratton, ON; Eugene Wai, ON; Darren Roffey, ON; Philippe Tran Nhut Phan, ON; Stephen Kingwell, ON; Greg McIntosh, ON

81 - 09:06

Ontario Inter-professional Spine Assessment and Education Clinics (ISAEC): Patient, Provider and System Impact of an Integrated Model of Care for the Management of Low Back Pain (LBP)

Raja Y. Rampersaud, ON

82 - 09:12

Will Cost Transparency in the Operating Theatre Cause Surgeons to Change Their Practice?

R. Andrew Glennie, NS; William M. Oxner, NS; Sean Christie, NS; Sean Barry, NS; Jacob Alant, NS

Discussion 09:18

8:00-9:30 COA Paper Session: Sports 1 • Saanich

Moderators: Jas Chahal, ON; Ross Outerbridge, BC

83 - 08:00

Fresh Osteochondral Allograft Transplantation for Treatment of Large Cartilage Defects of the Femoral Head

Xin Mei, ON; Ibrahim Alshaygy, ON; Oleg Safir, ON; Allan E. Gross, ON; Paul Robert Kuzyk, ON

84 - 08:06

Current Opinion on the Management of Acute Achilles Tendon Rupture

Jason Akindolire, ON; Kevin Willits, ON; William McGuffin, ON; J. Robert Giffin, ON

Friday

85 - 08:12

Bone Bruise Patterns in Skeletally Immature Patients with Anterior Cruciate Ligament Injury: The Airbag Effect

Jason Shin, SK; Joao Novaretti, Brazil; Marcio Albers, PA; Monique Chambers, PA; Moses Cohen, Brazil; Volker Musahl, ON; Freddie Fu, PA

86 - 08:18

Contralateral Lateral Femoral Condyle Allografts Provide an Acceptable Surface Match for Simulated Classic Osteochondritis Dissecans Lesions of the Medial Femoral Condyle

John Grant, MI; Nabeel Salka, MI

Discussion 08:24

87 - 08:36

Trends in Basketball, Soccer and Hockey-related Injuries Between 2006 and 2015 in Ontario, Canada

Teresa Ziegler, ON; David Wasserstein, ON; Daniel Pincus, ON; Paul H. Marks, ON; Hans J. Kreder, ON

88 - 08:42

The Relationship Between Injury to Surgery Time and the Incidence of Secondary Joint Injury in an ACL Injured Population: A Randomized Control Trial

Jeff Leiter, MB; Gabriel Larose, MB; Meaghan Rollins, ON; Sheila McRae, MB; Peter B. MacDonald, MB; Jason Peeler, MB

89 - 08:48

Cruciate Ligament Reconstruction: A Provincial Epidemiological Study

Yiyang Zhang, MB; James McCammon, MB; R. Kyle Martin, MB; Jeff Leiter, MB; Peter B. MacDonald, MB

Discussion 08:54

90 - 09:03

Supplemental Tibial Fixation in ACL Reconstructions with Decreased Bone Mineral Density: A Biomechanical Study Comparing Bony Supplemental Fixation with a Novel Soft Tissue Fixation Technique

Naser Alnusif, QC; Moreno Morelli, QC; Ronald A. Dimentberg, QC; Fahad Abduljabbar, QC; Jason Khoury, QC; Naif Alhamam, QC; Thomas Steffen, QC

91 - 09:09

Patient-reported Quality-of-Life Is Lower in Patients with Graft Laxity Following Hamstring Autograft ACL Reconstruction

Sarah Kerslake, AB; Allison Tucker, NS; S. Mark Heard, AB; Gregory M.L. Buchko, AB; Laurie A. Hiemstra, AB; Mark Lafave, AB

92 - 09:15

Transection of the Anterior-medial Band of the Anterior Cruciate Ligament Leads to Ligament Degenerative Changes in the Intact Posterior-lateral Band in an Ovine Model

Kristen Barton, AB; Bryan Heard, AB; Johnathan Sevick, AB; May Chung, AB; Ryan Martin, AB; Yamini Achari, AB; Cyril B. Frank, AB; Nigel Shrive, AB; David Hart, AB

Discussion 09:21

8:00-9:30 COA Paper Session: Upper Extremity 1 • Esquimalt

Moderators: Meaghan Rollins, ON; Danny Goel, BC

93 - 08:00

Perceived versus True Glenoid Anchor Placement: A Cadaveric Comparison of the Beach Chair and Lateral Position

Danny Goel, BC; Treney Sasyniuk, BC; Peter B. MacDonald, MB; Benjamin Jong, BC; William D. Regan, BC; Jeff Leiter, MB; Eric C. Sayre, BC

94 - 08:06

Early Healing Following Preoperative Trephination: Results From a Randomized, Controlled Trial

Lisa Howard, BC; Peter Lapner, ON; Joseph Di Michele, ON; Gerd Melkus, ON; Guy Trudel, ON; Odette Laneuville, ON; Hans K. Uhthoff, ON; Sara Ruggiero, ON

95 - 08:12

Effect of Rotator Cuff Integrity on Deltoid Efficiency Following Reverse Shoulder Arthroplasty: A Biomechanical Model

Emad Anam, ON; Daniel Potter, ON; Ryan Bicknell, ON; Heather Grant, ON; J. Timothy Bryant, ON; Michael Rainbow, ON; Colton Barr, ON

Discussion 08:18

96 - 08:27

Prophylactic Antibiotics in Shoulder Arthroscopy

Njalalle Baraza, BC; Jordan Leith, BC; Lindsay Anderson, BC

97 - 08:33

Functional Outcome after Anatomic and Reverse Shoulder Arthroplasty Assessed Using a Novel Objective Assessment Method

Emad Anam, ON; Ryan Bicknell, ON; David Pichora, ON; Rosie Sendher, ON; Saad Al-Qahtani, ON; Stephen Scott, ON

98 - 08:39

Validity of Clinical Examination in Detecting Rotator Cuff Tear Size and Tendon Reparability

Helen Razmjou, ON; Monique Christakis, ON; Tim Dwyer, ON; Varda Van Osnabrugge, ON; Patrick Henry, ON; Diane Nam, ON; Richard Holtby, ON

Discussion 08:45



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99 - 08:54

Can the Presence of Propionibacterium in Shoulder Arthroplasty Wounds be Predicted by Preoperative Skin Surface Cultures?

Ian MacNiven, NT; Frederick A. Matsen, WA; Jason Hsu, WA; Moni Neradilek, WA

100 - 09:06

Radiographic Analysis of Glenoid Morphology After Arthroscopic Latarjet vs Distal Tibial Allograft in the Treatment of Anterior Shoulder Instability

Ivan Wong, NS; Catherine M. Coady, NS; JP King, NS; Michael Mitchell, NS; Gordon Boyd, NS

101 - 09:12

Arthroscopic Superior Capsular Reconstruction for Massive, Irreparable Rotator Cuff Tears: A Systematic Review

Darren de SA, ON; Seper Ekhtiari, ON; Michael Catapano, ON; Asheesh Bedi, MI; Albert Lin, PA; Bryson Lesniak, PA

Discussion 09:18

9:35-10:35 General Session • Lecture Theatre

- That's a Wrap! Residency Completion Ceremony
- President Elect Address
- Transfer of Office Ceremony

10:35-11:15 Break in Exhibits • Carson Hall

10:35-11:15 Showcase Theatre Poster Tour: Arthroplasty

Moderator: Wade Gofton, ON

11:15-12:45 Visiting Presidents' Carousel Symposium: What Innovation Has Most Influenced Your Practice over the Last Decade? • Lecture Theatre

Moderator: Kevin Orrell, NS

Objectives:

1. Review and discussion of some important innovations in subspecialty orthopaedic practice over the last decade; (joint reconstruction, spine, musculoskeletal oncology, trauma).
2. Review and discussion of improvement in technology in international subspecialty orthopaedic practice over the last decade; (joint reconstruction, spine, musculoskeletal oncology, trauma).
3. Review and discussion of practice pattern changes in international subspecialty orthopaedic practice over the last decade; (joint reconstruction, spine, musculoskeletal oncology, trauma).

Speakers:

- Kevin Orrell - COA President
- William Maloney - AAOS President
- Regis O'Keefe- AOA President
- Lawrence Malisano - AuOA President
- Anada Nanu - BOA President
- Pradeep Makan- SAOA President
- Richard Street - NZOA President

11:15-12:45 Sports / Foot & Ankle ICL: Cartilage Preservation and Restoration in Lower Extremity Osteochondral Lesions • Saanich

Moderators: Monika Volesky, QC; Ivan Wong, NS

Objectives:

At the conclusion of this activity the participant should be able to:

1. Recognize the indications and provide practical aspects of cartilage repair, replacement and restoration for the benefit of the patient.
2. Define the role, direction and goals of biological reconstruction as a specialty within orthopaedics.
3. Discuss the role of extremity realignment in conservation of cartilage.
4. Improve patient care and joint preservation through biologic medicine and surgical approaches.

The 4Rs of Cartilage Preservation and Restoration in Lower Extremity Osteochondral Lesions

REMOVE/Microfracture: Is it Still the Gold Standard?

- Indications, Techniques, and Outcomes - Marie-Lyne Nault, QC

REPLACE: Auto and Allograft Grafting of Osteochondral Lesions

- Ankle: How Do I Get in There and Get it Done? Monika Volesky, QC
- Knee: How Big is Too Big for Autograft? Mark Heard, AB

RESTORE: Biologics of the Present and Future - Do They Work?

- Alphabet Soup: BMAC, PRP, and the Next New Thing - Rachael da Cunha, NY
- Transplanting Cartilage: ACI, MACI and Juvenile Cartilage - Jas Chahal, ON

REALIGN: Can We Avoid all of the Above by Realigning/Offloading the Extremity?

- Ankle - Andrea Veljkovic, BC
- Knee - Robert Litchfield, ON

Friday

11:15-12:45 Paediatrics ICL: Challenges and Complications in Paediatric Musculoskeletal Infections • Oak Bay

Moderator: Mark Camp, ON

Objectives:

1. Discuss the challenges of antibiotic resistance and unusual pathogens in MSK infections and appropriate management strategies.
2. Learn about the late sequelae of osteomyelitis (as seen in the developing world).
3. Outline the warning signs of spinal column infections and strategies to minimize subsequent disability.
4. Debate the need for surgical intervention in septic arthritis and provide guidelines for when non-surgical intervention or arthroscopy (versus arthrotomy) may be appropriate.

Speakers:

- Anne Dzus, SK
- Norgrove Penny, BC
- Joe Son-Hing, US
- Sasha Carsen, ON

11:15-12:45 COA Global Surgery (COAGS) SIGN IM Nail Workshop: Treating Fractures in Developing Countries • Colwood

Moderator: Lewis Zirkle, SIGN Fracture Care International, US

Objectives:

1. Discuss the treatment of long bone fractures in austere environment.
2. Understand the role of innovation as continual improvements and implants and instruments are made.
3. Participate in a sawbones workshop using the SIGN system.
4. Identify patterns of results noted after different stabilization of fractures.

Instructors:

- Lewis Zirkle, SIGN Founder, US
- Terry Smith, SIGN Engineering Manager, US
- Jeanne Dillner, SIGN CEO, Richland, US
- Neil White, Orthopaedic Surgeon, Calgary, AB

COAGS is thankful to DepuySynthes for the educational contribution to this session.

12:45-13:45 Lunch in Exhibits • Carson Hall

13:45-13:45 Lunch & Learn Series: Journal Club Session: OrthoEvidence's Must Read Papers of the Last Year • Showcase Theatre, Carson Hall

Moderator: Mohit Bhandari, ON

Faculty:

- Aaron Nauth, ON
- Brad Petrisor, ON
- Emil H. Schemitsch, ON
- Prism Schneider, AB

13:45-15:15 Spine Symposium: Degenerative Spine • Saanich

Moderator: Joel Finkelstein, ON

Objectives:

1. To review the approaches used for deformity correction: anterior, posterior, lateral and combined.
2. To understand the spectrum of surgery from open to less invasive to minimally invasive for deformity correction.
3. To review techniques for distal fixation.
4. Understand the risks involved with each technique.

Speakers:

- Management of Neurogenic Claudication in the Face of Thoracolumbar Deformity - Michael Goytan, MB
- Stopping Rules for Extent of Fusion in Adult Deformity and Techniques for Pelvic Fixation - Henry Ahn, ON
- 360° of Fusion: Front or Back First for Adult Degenerative Scoliosis - Shane Burch, US
- Laterals and Less Invasive Deformity Correction in Adult Scoliosis - Ganesh Swamy, AB
- MISS: Lateral Correction and Fusion with Percutaneous Posterior Stabilization to the Pelvis - Neil Manson, NB

13:45-15:45 Indian Orthopaedic Association / Canadian Orthopaedic Symposium: Trauma - Does Fracture Surgery Make a Difference? • Lecture Theatre

Moderators: Brad Petrisor, ON; Mohit Bhandari, ON

Objectives:

1. To discuss the role of evidence in the care of patients in both Canada and India.
2. To discuss the role of large datasets and international collaborations.
3. To discuss the role of journals and knowledge translation in collaborative multinational research.

Speakers:

- If We Believe the Trials, Many Fractures Don't Need Surgery - Brad Petrisor, ON
- The Case for Operative Treatment of Fractures - Mandeep Dhillon, India



Friday

- The Case for Nonoperative Treatment of Fractures
- Ram Prabhoo, India
- Trials on Trial: Is There Something Better? - Mohti Bhandari, ON
- OTA International: A Global Call for Fracture Research
- Emil H. Schemitsch, ON

13:45-14:00 EDUCATE Results: An Intimate Partner Violence Educational Program • Sidney

The EDUCATE Investigators

Objectives:

1. To inform the orthopaedic community about the results of the EDUCATE study.
2. To raise awareness amongst the orthopaedic community about the importance of intimate partner violence education.

The Impact of an Intimate Partner Violence Educational Program Delivered in the Fracture Clinic Setting: Results from the EDUCATE Study

14:00-15:30 Intimate Partner Violence (IPV) Champion Training Workshop: The EDUCATE Program • Sidney

The EDUCATE Investigators

Objectives:

1. To provide attendees with the knowledge required to deliver the EDUCATE intimate partner violence training program to individuals at their fracture clinic.
2. To provide information to attendees about how to successfully identify and assist victims of intimate partner violence within their clinical practice.

This workshop is open to individuals who are interested in becoming champions for the McMaster Centre for Evidence-Based Orthopaedics EDUCATE IPV Training Program. During this training, social worker Diana Tikasz, along with other members of EDUCATE team, will provide information on IPV within the orthopaedic context and review the EDUCATE program curriculum in detail.

Drop-ins are welcome!

15:30-16:00 Break • Registration Foyer

16:00-17:00 Fireside Chats

- Hand & Wrist • Sidney
Moderator: Ruby Grewal, ON
- Hip • Oak Bay
Moderator: James Powell, AB
- Knee • Saanich
Moderator: Michael Zywiell, ON
- Trauma • Esquimalt
Moderators: Rudy Reindl, QC; Abdel-Rahman Lawendy, ON;
Ted Tufescu, NB

16:00-17:30 COA Workshop - Comprehensive Treatment of Paediatric Tibial Fractures: Why You Need a Hexapod Frame in Your Tool Kit • Colwood

Moderator: Simon Kelley, ON

Objectives:

1. Understand the indications for hexapod stabilisation of paediatric tibial fractures.
2. Learn to apply a basic two-ring hexapod circular fixator to a midshaft tibial fracture model.
3. Experience the wonder of achieving anatomic fracture reduction through total residual correction using web-based software.
4. Develop a confident approach to post-operative management.

This workshop is intended for paediatric orthopaedic or general orthopaedic surgeons who manage children's fractures. Frequently used techniques such as casting, plating or flexible nails have significant drawbacks, such as difficulty in retaining reduction, limited ability to weight bear, or risk of infection. A modern hexapod circular fixator system can offer a powerful alternative for managing children's tibial fractures, with the benefit of achieving anatomic reduction, early range of motion, immediate weight bearing whilst respecting the soft tissue envelope and growth plates. This workshop pulls together Canada's new generation of cutting-edge paediatric limb reconstructors who are itching to share all their tips on hexapod management of paediatric tibial fractures to give you another tool in your box of tricks.

Instructors:

- Maryse Bouchard, US
- Anthony Cooper, BC
- Marcel Abouassaly, AB

18:00-22:00 COA Crystal Garden Gala - Dinner and Dancing!

Tickets required



Friday

Notes & Reminders