



UBC Department of Orthopaedics and BCOA

ORTHOPAEDIC UPDATE 2022

INNOVATION IN ORTHOPAEDICS

May 5 – 6, 2022

THURSDAY MORNING, MAY 5, 2022 (08:00–12:30)

Session 1 **Innovating Healthcare Delivery in British Columbia**

Moderator: A. Younger

- 0800–0805 *Welcome and Introduction – **K. Mulpuri and A. Younger***
- 0805–0815 *Access to Care: Challenges and Opportunities in 2022 – **A. Younger***
- 0815–0825 *Living in a Virtual World: Using Technology to Add Efficiency to Clinical Practice – **A. Huang***
- 0825–0835 *A New Paradigm for Non-Arthritic Hip Care in BC—the VHI Approach – **M. McConkey***
- 0835–0845 *Innovating Comprehensive Care of the Orthopaedic Patient in Community Practice – **J. Sernik***
- 0845–0855 *Optimizing Efficiency in Group Practice: Lessons Learned from Rebalance MD – **J. Stone***
- 0855–0905 *Subspecialty Group Practice: The Evolution of Footbridge Clinic – **M. Penner***
- 0905–0915 *The Consequences of a System Without Rapid Access for Pediatric Acute Knee Injuries – **L. Leveille***
- 0915–0925 *Innovative Rapid Access Program: Kelowna Acute Knee Clinic – **L. Dielwart***
- 0925–0935 *Northern Health Rapid Access Shoulder Program: Prince George Orthopaedic Clinic Redesign – **P. Van Zyl***
- 0935–0950 *Questions and Discussion*

0950–1010 **HEALTH BREAK/COFFEE/REFRESHMENTS**

Session 2: **Innovation Through Healthcare Redesign**

Moderator: P. Guy

- 1010–1030 **Patterson Lecture: Dr. M. Bhandari**
Title: Building a Creative Mindset
- 1030–1040 *Partnering with Allied Health Professionals to Improve Care: The Role of Advanced Practice Physiotherapists – **J. Street***
- 1040–1050 *Healthcare Redesign Through Facility Redesign: the state of the art – **J. Pike***
- 1050–1100 *Innovating Healthcare Delivery Through a Team-Based Approach – **F. Miyanji***
- 1100–1110 *Provincial-Level QI Initiative: Your Care Dashboard on Your Tablet or Device – **P. Guy***
- 1110–1130 *Innovating Hip Fracture Through Large Collaborative Trials – **M. Bhandari***
- 1130–1145 *Questions and Discussion*

Session 3: Healthcare Redesign Symposium: Same-Day Discharge Hip and Knee Arthroplasty

Moderator: N. Greidanus

- 1145–1155 Building the Team and the Necessary Toolkit for Same-Day Discharge THA/TKA: lessons learned – **D. Jacks**
- 1155–1205 Perioperative Optimization and Anaesthesia/Analgesia for Successful Same-Day Discharge – **N. Greidanus**
- 1205–1215 Optimizing Patient Satisfaction and Avoiding Complications/Readmissions – **T. Kostamo**
- 1215–1230 Panel Discussion
- 1230–1315 **LUNCH**

THURSDAY AFTERNOON, MAY 5, 2022 (13:15–17:00)

Session 4: Innovating the Surgeon

Moderator: B. Masri

- 1315–1345 **Morton Lecture: Dr. D. Davidson**
Title: Physician Burnout: Could We Be Thinking About This All Wrong?
- 1345–1355 The Role of Robotics in Knee Replacement – **B. Masri**
- 1355–1405 Enhancing Surgical Performance and Safety Through Technology: Cost-Effectiveness Considerations of Relevance to Canadian Healthcare – **C. Fisher**
- 1405–1415 3-D Mapping Improves Surgical Precision and Outcomes in Hip Preservation Surgery – **P. Lodhia**
- 1415–1425 Innovating the Surgeon Through Coaching – **T. Cooper**
- 1425–1445 Psychological Skills for the Healthcare Athlete – **D. Davidson**
- 1445–1500 Questions and Discussion
- 1500–1530 **HEALTH BREAK/COFFEE/REFRESHMENTS**

Session 5: Stronger Together: Updates from UBC Department of Orthopaedics, BCOA, and COA

Moderator: K. Mulpuri

- 1530–1550 The Canadian Orthopaedic Association: Update/Opportunities – **K. Mulpuri and C. Vezina**
- 1550–1610 The BC Orthopaedic Association: Priorities for 2022 and Beyond – **L. Dielwart and A. Younger**
- 1610–1630 The UBC Department of Orthopaedics: The Strategic Plan and Implementation – **K. Mulpuri**
- 1630–1700 Panel Discussion
- 1700 Adjourn
- 1700–1900 **BC ORTHOPAEDIC ASSOCIATION SOCIAL – The Vancouver Club**

FRIDAY MORNING, MAY 6, 2022 (08:00–12:15)

Session 6: Hot Topics in Evidence-Based Orthopaedics/Innovation in My Specialty

Moderator: K. Lefavre

- 0800–0805 *Opening Remarks – K. Mulpuri*
- 0805–0825 OrthoEvidence: Managing A Misinformation Epidemic – **M. Bhandari**
- 0825–0835 MIS Approaches for Total Hip Arthroplasty: An 'Evidence-Based' Update for 2022 – **L. Howard**
- 0835–0845 Cementless Total Knee Arthroplasty: An Evidence-Based Approach – **N. Levy**
- 0845–0855 Patient-Centered Apps and Technologies to Monitor Recovery and Improve Outcome – **L. Dielwart**
- 0855–0905 Evidence-Based Innovation: Applications Improving the Outcomes of Foot and Ankle Surgery – **A. Veljkovic**
- 0905–0915 Innovation in Fasciotomy Closure/Traumatic Wound Management – **J. Potter**
- 0915–0925 Graft Selection/Fixation for ACL Reconstruction: The Case for The Quad – **D. Gillis**
- 0925–0940 Questions and Discussion

0940–1010 HEALTH BREAK/COFFEE/REFRESHMENTS

Session 7 Innovation in Orthopaedic Technology

Moderator: B. Sawatzky

- 1010–1030 **McGraw Lecture: Dr. R. Charest-Morin**
Title: Spine Oncology: Recent Innovations
- 1030–1040 Innovations at ICORD: Biomaterials and Bio-Electronics Based Interventions for Medical Applications – **D. Shahriari**
- 1040–1050 Innovations at CHHM: Linking Imaging and Mechanics – **D. Wilson**
- 1050–1100 Using 3-D Ultrasound to Improve Reliability in Assessing Developmental Dysplasia of the Hip – **A. Hodgson**
- 1100–1110 Emerging Technologies/Role of 3D Printed Technology in Pediatric Orthopaedics – **S. Zakani**
- 1110–1120 3-D Printed Implants: Current Applications and Outcomes – **P. Clarkson**
- 1120–1130 Virtual Reality Simulation: The Future of Orthopaedic Training? – **D. Goel**
- 1130–1140 Designing Technology with End Users: Adapting Rowing and Skiing Ergometers for Those with Spinal Cord Injuries – **J. Borisoff**
- 1140–1155 Questions and Discussion
- 1155–1215 **Duncan Lecture: Dr. F. Leung**
Title: Renovating the House of God
- 1215–1300 LUNCH

FRIDAY AFTERNOON, MAY 6, 2022 (13:00–16:30)

Session 8 Contemporary Challenges in Orthopaedics

Moderator: L. Dielwart

- 1300–1325 Covid-19 and the Canadian Landscape: Lessons Learned – **M. Bhandari**
- 1325–1345 **BCOA Lecture: Dr. A. Smith**
Title: The Challenge of Orthopaedic Practice in Remote Rural British Columbia
- 1345-1355 Questions and Discussion

Session 9 Optimizing Work and Wellness in Orthopaedics

Moderator: H. Broekhuysse

- 1355–1415 Creating a Culture of Psychological Safety in Orthopaedics – **H. Broekhuysse**
- 1415–1435 Equity, Diversity and Inclusion: Starting with Narratives – **B. Sawatzky**
- 1435-1450 Questions and Discussion
- 1450–1520 Technology and Physical Skills for the Healthcare Athlete – **D. Davidson**
- 1520–1530 Questions and Discussion

1530–1550 **HEALTH BREAK/COFFEE/REFRESHMENTS**

Session 10 Optimizing Wellness in Orthopaedics Practical Guide/Workshop

Moderator: H. Broekhuysse

- 1550–1630 Practices of the Healthcare Athlete: A Practical Guide/Workshop – **D. Davidson**
- 1630 Adjourn
- 1800–2200 **UBC DEPARTMENT OF ORTHOPAEDICS GRADUATION AND AWARDS BANQUET –
Shaughnessy Golf and Country Club**