

# JUAN DE FUCA ORTHOPAEDIC ASSOCIATION ANNUAL MEETING 2022

## STAYING OUT OF TROUBLE- Treating and Preventing Orthopaedic Complications

### General Learning Objectives:

- 1) Upon the completion of the conference, participants will be able to recognize common complications in orthopedic surgery
- 2) Upon completion of the conference, participants will be able to describe strategies to avoid common complications in orthopedic surgery
- 3) Upon completion of the conference, participants will be able to utilize current treatments of common complications in orthopedic surgery

### Agenda

0800-0815: **WELCOME AND INTRODUCTIONS**

0820-0840: **Dr. Dennis McElgunn Emergency Room Physician Award presentation**

### **MODULE 1: PREVENTING COMPLICATIONS (Moderator: Dr Lucas Pugh)**

0840-0900: **The stiff total knee arthroplasty: prevention and management**

**Dr. William Dust**

*Objective: At the end of this session, participants will be able to:*

- *Discuss the technical pearls to prevent stiffness in TKA*
- *Recognize timing and management options of arthrofibrosis after TKA*
- *Review current treatment guidelines*

0900-0920: **DVT prophylaxis following pelvic and lower extremity trauma: Is there a consensus?**

**Dr. Henry Broekhuyse**

*Objective: At the end of this session, participants will be able to:*

- *Understand current guidelines in the prevention of deep vein thrombosis and associated thromboembolic complications after lower extremity and pelvic trauma*

0920-0940: **DVT prophylaxis following hip and knee arthroplasty**

**Dr. Karin Chisholm**

*Objective: At the end of this session, participants will be able to:*

# JUAN DE FUCA ORTHOPAEDIC ASSOCIATION

## ANNUAL MEETING 2022

- *Discuss current guidelines in the prevention of deep vein thrombosis and associated thromboembolic complications after hip and knee arthroplasty*

### 0940-1000: **Smoking cessation in orthopaedics**

**Dr. McInnes**

*Objective: At the end of this session, participants will be able to:*

- *Discuss smoking related complications and complication rates in surgical patients*
- *Review current smoking cessation guidelines*
- *Describe the ReBalanceMD smoking cessation program and results*

### 1000-1020: **PROP (preoperative resilience optimization program) program review**

**Dr. Sonja Mathes and Dr. Karen Johnsson**

*Objective: At the end of this session, participants will be able to:*

- *Understand preoperative patient resilience and how it effects surgical outcomes*

### 1020-1035: **REFRESHMENT BREAK**

## **MODULE 2: AVOIDING COMPLICATIONS (Moderator: Dr Melissa Collins)**

### 1040-1100: **Total hip replacement: does surgical approach matter?**

**Dr. William Dust**

*Objective: At the end of this session, participants will be able to:*

- *Review surgical approaches for total hip arthroplasty*
- *Discuss specific approach related complications*
- *Describe technical pearls on avoiding complications with each approach*

### 1100-1120: **Metallosis following total hip arthroplasty**

**Dr. Lucas Pugh**

*Objective: At the end of this session, participants will be able to:*

- *Review the basic pathology of metallosis*
- *Understand pathoanatomy of metallosis in total hip arthroplasty*
- *Discuss techniques and implant design features to avoid and treat metallosis*

### 1120-1140: **Avoiding complications of arthroscopic shoulder procedures**

**Dr. Patrick Chin**

*Objective: At the end of this session, participants will be able to:*

- *Discuss common challenges and complications from arthroscopic shoulder procedures*
- *Review technical aspects of shoulder arthroscopy to avoid common complications*

### 1140-1200: **Avoiding complications in paediatric upper limb trauma**

**Dr. Brent Weatherhead**

*Objective: At the end of this session, participants will be able to:*

# JUAN DE FUCA ORTHOPAEDIC ASSOCIATION

## ANNUAL MEETING 2022

- *Review specific fractures and their common associated adverse outcomes*
- *Discuss technical aspects and current guidelines for avoiding common complications*

### 12-1220: Case Based Discussion

*Objective: At the end of this session, participants will be able to review and discuss cases related to Module 2*

### 1220-1315: LUNCH and SPONSOR EXHIBITS

### **MODULE 3: TREATING COMPLICATIONS (Moderator: Dr. Brent Weatherhead)**

#### 1320-1340: Management of femur and tibia infections with antibiotic nails

**Dr. Henry Broekhyuse**

*Objective: At the end of this session, participants will be able to:*

- *Understand the pathobiology of post operative tibial and femur infections*
- *Discuss the use of antibiotic cement nails in the management of long bone infections*

#### 1340-1400: Total hip replacement: limb length discrepancy

**Dr. William Dust**

*Objective: At the end of this session, participants will be able to:*

- *Review the incidence and causes of limb length discrepancy in total hip arthroplasty*
- *Discuss technical pearls for avoiding limb length discrepancy in total hip arthroplasty*

#### 1400-1420: Complications of total shoulder arthroplasty

**Dr. Patrick Chin**

*Objective: At the end of this session, participants will be able to:*

- *Discuss common challenges and complications from shoulder arthroplasty*
- *Review technical aspects of shoulder arthroplasty to avoid common complications*

### 1420-1440: Case Based Discussion

*Objective: At the end of this session, participants will be able to review and discuss cases related to Module 3*

### 1440-1455: REFRESHMENT BREAK

### **MODULE 4: CASES THAT CHALLENGED ME (Moderator: Dr Stephen Burnett)**

#### 1500-1520: Shoulder case complications and how to deal with them

**Dr. Patrick Chin**

*Objective: At the end of this session, participants will be able to:*

- *Review and discuss complications of shoulder cases*

# JUAN DE FUCA ORTHOPAEDIC ASSOCIATION ANNUAL MEETING 2022

1520-1540: **The not so simple ankle fracture**

**Dr. Henry Broekhuyse**

*Objective: At the end of this session, participants will be able to:*

- *Review and discuss complications with ankle fractures*

1540-1600: **Complex Arthroplasty Cases**

**\*\*\*TBA**

*Objective: At the end of this session, participants will be able to:*

- *Review and discuss complications of complex arthroplasty cases*

1600-1615: **CLOSING REMARKS AND THANK-YOUS**

*This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada, and approved by The Canadian Orthopaedic Association, for a maximum of **5.7** hours*