



AO Recon NA Course—Principles of Total Hip and Knee Arthroplasty



November 17, 2023 - November 18, 2023
Toronto, Ontario, Canada

Course Description:

This course is modular in structure and highly interactive. Short, evidence-based lectures cover the key information required. Moderated case discussions in small groups will expand on each topic and help participants to develop decision-making and surgical management skills. Participants will perform hands-on practical exercises including templating and planning exercises. Participants will share their experience with faculty and peers. All factors related to achieving the best possible outcomes in primary arthroplasty will be covered.

Target Participants:

This course is targeted at second, third and fourth year orthopedic surgery residents.



Event Summary

Tuition:

Level Name: Participant - Orthopaedic
Pricing Tier: Resident
Tuition: \$300.00

Level Name: Participant - Orthopaedic
Pricing Tier: Attending
Tuition: \$300.00

Course Prerequisite(s):

No Prerequisites

Venue:

Toronto Airport Marriott Hotel
901 Dixon Road
Toronto, Ontario, Canada
Phone Number: 416-674-9400

<https://www.marriott.com/en-us/hotels/yyzot-toronto-airport-marriott-hotel>

Language(s):

English

Directly Provided by:



Professional Level Prerequisite(s):

No Prerequisites

CME

Continuing Education Credit: 15.00



- AO North America is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

- **Designation Statement** - AO North America designates this live educational activity for a maximum of 15.00 **AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Continuing Medical Education (CME) mission of AO North America (AONA®) is to provide comprehensive multidisciplinary needs based education to surgeons, fellows, and residents in the specialties of orthopedic, hand, craniomaxillofacial, spine, neurosurgery, and veterinary surgery in the areas of trauma (i.e., operative reduction and fixation), degenerative disorders, deformities, tumors, and reconstruction.

Expected results of AONA's CME activities for surgeons, fellows, and residents are to:

- Increase their knowledge base and surgical skill level
- Improve competence by applying advances of knowledge in patient care in the areas of trauma, degenerative disorders, deformities, tumors, and reconstructive surgical techniques
- Address practice performance gaps by improving management of aspects of traumatic injuries and musculoskeletal disorders (i.e., pre-operative planning to post-operative care)

Learning Objectives

Upon completion, participants should be able to:

- Identify patient's reconstructive surgery needs
- Adopt a patient-centered approach
- Anticipate, recognize, and stratify potential complications
- Describe and discuss safe and effective procedures for primary arthroplasty
- Discuss the management of early and late problems or complications
- Communicate and facilitate a multidisciplinary team-based approach
- Apply best practice to optimize and document patient outcomes

Faculty



Hart, Adam - Co-Chairperson

MD, MSc
Associate Professor
McGill University, Montreal
Montreal, Quebec

Dr Adam Hart is an academic orthopedic surgeon practicing at the Montreal General Hospital. He performs a large volume of complex and revision hip and knee arthroplasties, leads the hip preservation unit at the McGill University Health Centre and is co-director of the Jo Miller Orthopedic Research Laboratory. His clinical and basic science research program is focused on prevention and management of prosthetic joint infections.



Howard, James - Co-Chairperson

MD, MSc, FRCS(C)
Professor of Surgery
Site Chief of Orthopaedic Surgery, University Hospital
Division of Orthopaedic Surgery
Schulich School Of Medicine, Western University
London Health Sciences Centre
London, Ontario

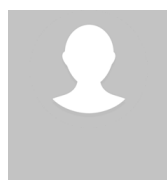
Dr. James L Howard was born and raised in Calgary, Alberta. His undergraduate training was completed at the University of Calgary in Biological Sciences. He then received his MD degree at the University of Calgary in 2000. After graduating from medical school, he proceeded to the University of Western Ontario for residency training in Orthopaedic Surgery. He completed a concurrent Master's degree in Medical Biophysics during residency focusing on the use of computed tomography to evaluate bone support around cementless total hip replacements. He qualified as an orthopaedic surgeon in 2005, and travelled to the United States for fellowship training. First, he completed the Advanced Clinical Experience in Orthopaedic Traumatology at Harborview Medical Centre in Seattle, Washington. He then travelled to the Mayo Clinic in Rochester, Minnesota for subspecialty training in adult hip and knee reconstruction. Dr. Howard returned to London in 2007 as a member of the Division of Orthopaedic Surgery. He is a Full Professor in the Division of Orthopaedic Surgery at Western University. He is an active member of the Hip Society and Knee Society. His clinical practice focuses on primary and revision total hip arthroplasty.



Masri, Bas - Education Advisor

MD, FRCSC
Professor
Department of Orthopaedics
University of British Columbia
Vancouver, British Columbia

Dr. Masri is Professor and Head of Orthopaedics at the University of British Columbia. He specializes in joint replacement and has published over 200 peer reviewed research papers and over 40 book chapters. He has served as president of the Canadian Orthopaedic Association and has served as visiting professor and lectured widely all over the world.



Au, Keegan - Lecturer

MD, FRCS(C) Ortho
St. John's, Newfoundland and Labrador

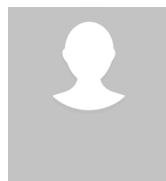
Dr. Keegan Au hails from St. John's, Newfoundland, Canada, where he practices adult hip and knee reconstruction. A fellow of the Royal College of Physicians and Surgeons of Canada, he has completed his residency at Memorial University and fellowship under the tutelage of esteemed surgeons of the Rorabeck-Bourne Joint Replacement Clinic at London Health Sciences Centre. As Associate Professor of Surgery, he has served as program director for Memorial University's Orthopedic Surgery Residency Program since 2018.



Desy, Nicholas - Lecturer

MD, FRCSC, FAAOS
Clinical Assistant Professor
Residency Program Director
Section of Orthopaedic Surgery
University of Calgary
Calgary, Alberta

Nicholas M. Desy, MD, FRCSC, FAAOS is a Clinical Assistant Professor within the Cumming School of Medicine as well as the Program Director for the Orthopaedic Surgery Residency Program at the University of Calgary. Dr. Desy completed his medical school and orthopaedic surgery residency training at McGill University. He subsequently pursued a postdoctoral research fellowship within the Department of Neurologic Surgery at the Mayo Clinic in Rochester, Minnesota. This was followed by fellowship training in orthopaedic trauma at the Foothills Medical Centre and University of Calgary as well as in adult hip and knee joint reconstruction at the Mayo Clinic in Rochester, Minnesota. Dr. Desy also recently completed the one-year Surgical Leadership Program from Harvard Medical School at Harvard University. His clinical practice and research interests focuses primarily on adult hip and knee joint reconstruction. He has been the recipient of several teaching and research awards. He has authored over 50 peer-reviewed publications as well as six book chapters. His research has also led to numerous podium and poster presentations at national and international conferences.

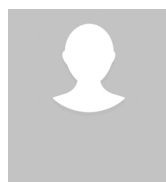
**Grammatopoulos, George - Lecturer**

MBBS, PhD, FRCS (Tr ' & ' Orth), BSC (Hons)
The Ottawa Hospital
Ottawa, Ontario

**Howard, Lisa - Lecturer**

MD, FRCSC, MHSc
Assistant Professor
University of British Columbia
Department of Orthopaedics
Division of Lower Extremity Reconstruction
Vancouver, British Columbia

Dr. Lisa C Howard is an assistant professor who specialises in primary and complex revision hip And knee replacement at the University of British Columbia Hospital and Vancouver General Hospital. Following completion of her medical degree at the University of British Columbia, she completed her residency in Orthopaedic Surgery at the University of British Columbia. She then went on to complete a subspecialty shoulder and elbow Reconstruction Fellowship at the University of Ottawa. Following this, she went on to complete another highly competitive and sought after subspecialty fellowship in lower extremity arthroplasty at the University of British Columbia with mentors Bas Masri, Don Garbuz, Nelson Greidanus and Clive Duncan. During this time, she was trained extensively in complex hip and knee arthroplasty. She completed a Master of Health Science Degree from the University of British Columbia. Dr. Howard, like her colleagues, specializes in complex primary and revision hip and knee replacement. She is the first female academic arthroplasty surgeon at the University of British Columbia Hospital and Vancouver General Hospital. She has a keen in interest in large pelvic reconstruction surgeries using 3D printed custom prosthetic components. Her research interests include adverse surgical events reporting, clinical outcomes for hip and knee replacement patients and large pelvic reconstructions. She is the current Fellowship director for the lower extremity reconstruction fellowship at the University of British Columbia and supervises numerous research works from residents and clinical fellows. She is currently a member of the Canadian Orthopaedic Association (COA), Canadian Arthroplasty Society (CAS), and the American Academy of Orthopaedic Surgeons (AAOS). She is frequently invited to peer-review scientific manuscripts for prominent journals such as the Journal of Bone and Joint Surgery and has given international presentations at scientific meetings and has also authored several textbook chapters.

**Perry, Kevin - Lecturer**

MD
Mayo Clinic
Rochester, Minnesota

**Sculco, Peter - Lecturer**

MD
Associate Professor of Orthopedic Surgery
Kellen French Chair in Complex Joint Reconstruction
Hospital for Special Surgery/Cornell Medical Center
New York

Dr. Peter Sculco specializes in adult reconstruction of the hip and knee, including primary and revision joint replacements. He attended Princeton University for his undergraduate education where he majored in Neuroscience and Art History and was a member of the Track and Field team. He graduated medical school from Columbia University College of Physicians and Surgeons. Dr. Sculco completed his residency at HSS, where he was elected as an Emerging Leader for the American Orthopedic Association. During his training he received the Joseph M. Lane resident research grant of his work on hip vascularity. He received the chief resident award given by the nurses and operating room staff to the graduating resident who best exemplifies professionalism, compassion and interdisciplinary collaboration for patient care. After residency, Dr. Sculco completed his Fellowship at the Mayo Clinic where he received the Mark Coventry, MD Fellows Award in Adult Hip and Knee Reconstruction. Dr. Sculco returned to join the staff at HSS and currently has been recognized at national and international meetings for his academic research in hip and knee reconstruction.

**Vasarhelyi, Edward - Lecturer**

MD, MSc, FRCSC, FAAOS
Associate Professor
Division of Orthopaedic Surgery
University of Western Ontario
London, Ontario

**Wolfstadt, Jesse - Lecturer**

MD, BSC (Hons), MSc, FRCSC, FAAOS

Knee and Hip Arthroplasty

Granovsky Gluskin Division of Orthopaedics, Sinai Health

Assistant Professor

Department of Surgery

Temerty Faculty of Medicine

University of Toronto

Toronto, Ontario

Dr. Wolfstadt received his MD from U of T in 2011, completed a residency in orthopaedic surgery at U of T in 2016, and graduated in 2017 with a Master's Degree in Quality Improvement and Patient Safety at the Institute for Health Policy, Management, and Evaluation (IHPME). He completed fellowships in complex adult lower extremity reconstruction (Mount Sinai Hospital), traumatology and arthroplasty (St. Michael's Hospital), and traumatology (Auckland City Hospital, Auckland, New Zealand). His clinical focus is on complex primary and revision total knee replacement and primary total hip replacement, as well as trauma surgery and outpatient total joint replacement.

AO NA Disclaimer Information

Faculty Disclosure:

It is the policy of AO North America to abide by the Accreditation Council for Continuing Medical Education Standards for Commercial Support. Standard 2: "Disclosures Relevant to Potential Commercial Bias and Relevant Financial Relationships of Those with Control over CME Content," requires all planners, including course directors, chairs, and faculty, involved in the development of CME content to disclose their relevant financial relationships prior to participating in the activity. Relevant financial relationships will be disclosed to the activity audience. The intent of the disclosure is not to prevent a faculty with a relevant financial or other relationship from teaching, but to provide participants with information that might be of importance to their evaluation of content. All potential conflicts of interest have been resolved prior to the commencement of this activity.

Off-Label / Experimental Discussions:

Some medical devices used for teaching purposes and/or discussed in AO North America's educational activities may have been cleared by the FDA for specific uses only or may not yet be approved for any purpose. Faculty may discuss off-label, investigational, or experimental uses of products/devices in CME certified educational activities. Faculty have been advised that all recommendations involving clinical medicine in this CME activity are based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients.

All scientific research referred to, reported or used in this CME activity in support or justification of a patient care recommendation conforms to the generally accepted standards of experimental design, data collection and analysis.

Disclaimer:

AONA does not endorse nor promote the use of any product/device of commercial entities. Equipment used in this course is for teaching purposes only with the intent to enhance the learning experience.

The opinions or views expressed in this live continuing medical education activity are those of the faculty and do not necessarily reflect the opinions or recommendations of AO North America or any commercial supporter. The certificate provided pertains only to the participants' completion of the course.

Conflict of Interest Resolution Statement:

When individuals in a position to control or influence the development of the content have reported financial relationships with one or more commercial interests, AO North America utilizes a process to identify and resolve potential conflicts to ensure that the content presented is free of commercial bias.

Liability Statement:

AO North America faculty and staff assume no personal liability for the techniques or the use of any equipment and accessories used for teaching purposes in the laboratory. The certificate provided pertains only to the participants' completion of the course and does not, in any way, attest to the proficiency of the participants' clinical experience.

Acknowledgment

Educational Grant

AO North America gratefully acknowledges funding for its education activities from the AO Foundation. The AO Foundation receives funding for education from Synthes GmbH.