

Course Description

This course is designed for final- and penultimate-year residents in Canadian nuclear medicine programs, who are preparing for the Royal College of Physicians and Surgeons examinations in Nuclear Medicine.

Course Objectives

1. **Medical Expert** – To extensively review the breadth of up-to-date basic science and clinical knowledge relevant to the practice of Nuclear Medicine in Canada.
2. **Collaborator** – To promote collaboration and foster avenues of communication amongst the Canadian Nuclear Physicians of tomorrow.
3. **Communicator** – To hone visual observation skills and practice the delivery of findings and interpretation in the mock oral examination setting.
4. **Professional** – To promote excellence and highest quality in the future delivery of Nuclear Medicine services in Canada.

Faculty

Jeffrey Flemming, MD, FRCPC - Nuclear Medicine Physician, Memorial University
Ash Wiley, MD, FRCPC - Nuclear Medicine Physician, Dalhousie University
Matthieu Pelletier-Galarneau, MD, FRCPC - Nuclear Medicine Physician, Université de Montréal
Erin Niven, PhD, CHP, RRPT - Medical Physicist, University of Alberta
Doug Abrams, PhD - Radiopharmacist, University of Alberta
Ho Jen, MD, FRCPC - Nuclear Medicine Physician, University of Alberta
Alexander Tamm, MD, FRCPC - Nuclear Medicine Physician, University of Alberta
James Lee, BSc, MRT(NM) - Radiation Safety Officer, Alberta Health Services
Lucille Lalonde, MD, FRCPC - Nuclear Cardiologist, University of Alberta
Ryan Hung, MD, FRCPC - Nuclear Medicine Physician, University of Alberta
Malcolm Scott, MD, FRCPC - Nuclear Medicine Physician, University of Alberta
Stella Koumna, MD – Nuclear Medicine Physician, Alberta Health Services
Christopher McIntosh, MD, FRCPC - Nuclear Medicine Physician, University of Alberta
Christopher Winter, MD, FRCPC - Nuclear Medicine Physician, University of Alberta
Jonathan Abele, MD, FRCPC - Nuclear Medicine Physician, University of Alberta

Course Organizers

Jonathan Abele, MD, FRCP(C)
Assistant Professor, Radiology and Diagnostic Imaging
Christopher Winter, MD, FRCP(C)
Assistant Clinical Professor, Radiology and Diagnostic Imaging
Janet Dawson
Administrative Assistant, Radiology and Diagnostic Imaging

For Further Information

If you have any questions about this course, please contact:

Janet Dawson
780-407-6810
Janet.dawson2@ahs.ca

Dr. Chris Winter
780-407-6810
cwinter@ualberta.ca

Dr. Jonathan Abele
780-407-6810
jabele@ualberta.ca

PROGRAM

Friday, January 15, 2021

8:00 am – 8:15 am	Welcome and Introduction	Dr. Jonathan Abele
8:15 am – 9:15 am	Bone Scintigraphy	Dr. Ho Jen
9:15 am – 10:15 am	MSK – infection imaging	Dr. Ho Jen
10:15 am – 10:30 am	Break	
10:30 am – 12:00 pm	NM Physics Part I - Gamma Cameras	Dr. Erin Niven
12:00 pm – 12:30 pm	Break	
12:30 pm – 1:30 pm	VQ scintigraphy	Dr. Malcolm Scott
1:30 pm – 2:15 pm	Quantification	Dr. Jonathan Abele
2:15 pm – 3:45 pm	PET – Oncology and Inflammation	Dr. Jeffrey Flemming
3:45 pm – 4:00 pm	Break	
4:00 pm – 6:00 pm	Case Review	Dr. Jeffrey Flemming

Saturday, January 16, 2021

8:00 am – 9:00 am	Renal Imaging	Dr. Chris Winter
9:00 am – 10:00 am	Artifacts	Dr. Alex Tamm
10:00 am – 10:15 am	Break	
10:15 am – 11:45 am	Radiopharmacy Part I – 99mTc/Iodine	Dr. Doug Abrams
11:45 am – 12:15 pm	Break	
12:15 pm – 1:15 pm	Thyroid/Parathyroid Imaging	Dr. Jonathan Abele
1:15 pm – 2:15 pm	BMD	Dr. Ash Wiley
2:15 pm – 2:30 pm	Break	
2:30 pm – 4:00 pm	NM Therapy	Dr. Stella Koumna
4:00 pm – 6:00 pm	Case Review	Dr. Ash Wiley

Friday, January 29, 2021

8:00 am - 9:00 am	GI NM imaging	Dr. Chris Winter
9:00 am – 10:30 am	NM physics Part II – PET	Dr. Erin Niven
10:30 am - 10:45 am	Break	
10:45 am – 11:45 pm	NM Physics Part III - Dosimetry and Risk	Dr. Erin Niven
11:45 – 12:15 pm	Lunch Break	
12:15 pm – 1:15 pm	Radiation Safety and Canadian Regulations	Mr. James Lee
1:15 pm – 2:15 pm	Novel Radiotracers	Dr. Ryan Hung
2:15 pm – 2:30 pm	Break	
2:30 pm – 4:00 pm	Brain Imaging	Dr. Ryan Hung
4:00 pm – 6:00 pm	Case Review	Dr. Ryan Hung

Saturday, January 30, 2021

8:00 am – 9:30 am	ECG basics and Cardiac Stressing	Dr. Lucille Lalonde
9:30 am – 9:45 am	Break	
9:45 am – 11:15 am	Radiopharmacy Part II - FDG and others	Dr. Doug Abrams
11:15 am – 12:15 pm	NE tumor imaging (SSR, MIBG, FDOPA)	Dr. Chris McIntosh
12:15 pm – 12:45 pm	Break	
12:45 pm – 1:45 pm	Case Review	Dr. Chris McIntosh
1:45 pm – 3:45 pm	Cardiac Nuclear Medicine	Dr. Matthieu Pelletier-Galarneau
3:45 pm – 4:00 pm	Break	
4:00 pm – 6:00 pm	Case Review	Dr. Matthieu Pelletier-Galarneau
Closing Remarks		

Disclosure

Speakers will be requested to disclose to the audience any real or apparent conflict(s) of interest that may have a direct bearing on the subject matter of this program.

REGISTRATION

First Name

Last Name

University / Residency Program

Mailing Address

City

Province

Postal Code

Telephone

Email Address

Anticipated Year – Royal College Nuclear Medicine exams

Registration Fee

\$250 + GST = \$262.50 – cheque only, made payable to: “University of Alberta”

Forward to: Attn: Janet Dawson
Dept of Radiology & Diagnostic Imaging, WMC 2B2.41
University of Alberta Hospital
8440 – 112 Street, Edmonton, AB T6G 2B7

Registration Form may be faxed or emailed to Janet Dawson:
Fax: 780-407-6176, Email: janet.dawson2@ahs.ca

Registration will not be processed until payment is received.