

**CANM
ACMN**



**Eastern Great Lakes
Chapter-SNM**

**ANNUAL SCIENTIFIC
MEETING**

Final Program

**RÉUNION SCIENTIFIQUE
ANNUELLE**

Programme final

**May 2 - 5, 2012
du 2 au 5 mai 2012**

**Marriott Ottawa Hotel
Ottawa, Ontario**



*Canadian Association of Nuclear Medicine / Association canadienne de médecine nucléaire
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2012 – JOINT CANM/ EGL-SNM ANNUAL SCIENTIFIC CONFERENCE

FINAL PROGRAM / PROGRAMME FINAL

WEDNESDAY, May 2, 2012

- 1200 - 1300 **CANM BOARD OF DIRECTORS LUNCH** (closed) - *Sussex*
- 1300 - 1700 **CANM BOARD OF DIRECTORS MEETING** (closed) - *Sussex*
- 1500 - 1800 **EXHIBITS SET-UP** – *Victoria South & Foyer*
- 1800 - 1900 **REGISTRATION AND WELCOME RECEPTION** - *Victoria South & Foyer*

THURSDAY, May 3, 2012

- 0730 - 1700 **REGISTRATION** - *Victoria Foyer*
- 0730 - 1730 **EXHIBITS OPEN AND POSTERS SET-UP** - *Victoria South & Foyer*
- 0730 - 0815 **CONTINENTAL BREAKFAST** - *Victoria South & North*
- 0815 - 0830 **OPENING REMARKS** - *Victoria North*
Drs. Norman Laurin and Laurent Dinh
- 0830 - 1200 **PLENARY 1** - *Victoria North*
Chair: *Dr. Laurent Dinh*
- 0830-1030 **Biological Effects of Radiation**
- 0830-0930 **Reactors Accidents: The Unintended Consequences of Fear** –
Dr. Henry Royal (*St. Louis, MO*)
Objectives: Describe three different types of reactors. Summarize the health effects of the Three Mile Island, Chernobyl and Fukushima Reactor Accidents. List three unintended consequences of Fear.
- 0930-1030 **Radiation Safety** - Dr. Doug Boreham, (*Hamilton, ON*)
Objectives: Explain radiation dose from various procedures. Explain biological effects of low dose exposures. Asses risk of low dose radiation exposures.
- 1030-1100 **REFRESHMENT BREAK** - *Victoria South*
- 1100-1200 **Nuclear Medicine Specialty: The Future** - *Victoria North*
Dr. David Barnes (*Halifax, NS*)
- 1200 - 1300 **LUNCHEON** - *Victoria South & North*
- 1220-1255 **The Use of PET for Cancer Care Across Canada: Time for a National Strategy** – Ms. Susan Martinuk, (*Vancouver, BC*)
- 1300 - 1700 **PLENARY 2** – *Victoria North*
Chair: *Dr. Eugene Leung*
- 1300-1500 **Cardiac CZT**
- 1300-1330 **The Physics Behind CZT** - Dr. Glenn Wells (*Ottawa, ON*)
Objectives: To explain the physics behind the new CZT based dedicated cardiac SPECT cameras. To compare imaging with the new system to that with traditional cameras. To highlight the future potential of this new technology.
- 1330-1400 **The Clinical Side of CZT** - Dr. Terry Ruddy (*Ottawa, ON*)
Objectives: Clinical studies with Tc-99m. Clinical studies with thallium 201. Future clinical applications.
- 1400-1430 **The Technological Side of CZT** – Ms. Anne Khoorshed, (*Hamilton ON*)
Objectives: Departmental challenges and staff training. Imaging benefits and challenges. Patient case studies.

1430-1500 A Comparison of 2 CZT Cameras – Dr. Eli Bienenstock (Toronto, ON)
Objectives: Comparison of physical, practical and philosophical differences between Spectrum Dynamics' D-SPECT and General Electric's Discovery 530c CZT cardiac cameras. We will discuss directions for further comparisons and how end users may collaborate with camera vendors in the drive to optimize myocardial perfusion imaging.

1500-1530 REFRESHMENT BREAK - Victoria South

Chair: Dr. Nancy Paquet

1530-1700

1530-1615 Update in Paediatric PET - Dr. Martin Charron (Toronto, ON)
Objectives: Review how to do PET study. Discuss normal pediatric variants and artifacts. Review illustrative pediatric cases.

1615-1700 DAT-SPECT and Parkinson's Disease – Dr. Jan Booij (Amsterdam, Netherlands)
Objectives: Background of DAT imaging. DAT imaging in Parkinson's disease.

1700 - 1800 CANM ANNUAL GENERAL MEETING - Victoria North

1800 - 1900 EGL-SNM ANNUAL GENERAL MEETING - Victoria North

1900 - 2030 SOCIAL EVENING – Tour of Ottawa on Double Decker Bus

Please gather at hotel entrance for departure at 7pm sharp; scenic tour of Ottawa, the embassies, the experimental farm, Dows Lake, the parkways with stop at the Byward Market for drop-off (many restaurants for dinner) and/or return to hotel. Snacks will be served on board.

FRIDAY, May 4, 2012

0730 - 1700 REGISTRATION - Victoria Foyer

0730 - 0830 CONTINENTAL BREAKFAST - Victoria South & North

0730 - 1730 EXHIBITS CONTINUE - Victoria South

0830 - 1200 PLENARY 3 - Victoria North

Chair: Dr. Christopher O'Brien

0830-1030

0830-0915 Sentinel Node Cervical Cancer - Dr. Waldo Jimenez, (Hamilton, ON)
Objectives: To understand why cervical cancer is a good target per sentinel node biopsy. To describe the technique of sentinel node biopsy in cervical cancer. To review the literature on sentinel node biopsy and cervical cancer.

0915-1000 Staging of Esophageal Cancer – Dr. Sébastien Gilbert (Ottawa, ON)
Objectives: Enumerate one key change in the most recent Esophageal cancer staging update. Name two approaches to minimally invasive staging of Esophageal cancer.

1000-1030 Perfusion Imaging – Dr. Mikael Trottier (Québec, QC)

1030-1050 REFRESHMENT BREAK - Victoria South

1030 - 1200 NM Specialty Committee Meeting (Closed) – Alta Vista

1050 - 1200 AWARD and ABSTRACT PRESENTATIONS - Victoria North

Chair: Dr. Alan Klitzke

1050-1100 ERIC LEPP COMPETITION WINNER PRESENTATION

The Diagnostic Value of FDG-PET/CT for Acute Infection in the Hyperglycemic Patient with Type I Diabetes – Anthony Ciarallo (Montréal, QC)

SELECTED ABSTRACT ORAL PRESENTATIONS

1100-1110 Necrosis on 18F-FDG PET/CT Correlates with Prognosis and Mortality in Sarcomas - Rajan Rakheja (Montreal, QC)

1110-1120 Multicentre Trial Standards and Quality Assurance for the Low-Dose 3D PET Trial: Rubidium ARMI (Alternative Radiopharmaceutical For Myocardial Imaging) - Jennifer Renaud (Ottawa, ON)

1120-1130 SPECT/CT in Cervical Node Imaging - Marzena Indycka (Hamilton, ON)

- 1130-1140** 99mTc Lymphoscintigraphy with SPECT/CT for the Identification of the Sentinel Lymph Node in Lung Cancer: A Pilot Study (preliminary results) – Jonathan T. Abele (*Edmonton, AB*)
- 1140-1150** The Prognostic Value of Change in RV Function as Measured on Radionuclide Ventriculography in Patients with Heart Failure – Brian McArdle (*Ottawa, ON*)
- 1150-1200** Ga-68 FDG/PET CT in the Diagnostic Work-Up of a Collision Tumor of the Thyroid Gland - Cumali Aktolun (*Istanbul, Turkey*)

1200 – 1300 **NM Program Directors Meeting (Closed)** – *Alta Vista*

1200 – 1300 **LUNCHEON** - *Victoria South & North*

1300 - 1430 **CONCURRENT A- Technologists' Session** – *Cartier 1*

Chair: *Ms. Lily Krnezich*

1300-1345 **Bone Infection Imaging** – Dr. Valerie Yakemchuk, (*Hamilton, ON*)
Objectives: Understand imaging options in infection. Choosing most effective route of investigation. Nuclear medicine versus other options.

1345-1430 **Renal Imaging Assessment** - Mr. Scott Walker (*Ottawa, ON*)
Objectives: To be introduced to the variety of exams done for the paediatric renal system. To become aware of the challenges with paediatric imaging. To understand the acquisition and processing of paediatric renal images.

CONCURRENT B - *Victoria North*

Chair: *Dr. François Raymond*

1300-1345 **New Radiotracers** - Dr. Eugene Leung (*Ottawa, ON*)
Objectives: To review a selection of emerging new radiopharmaceuticals.

1345-1430 **Microsphere Therapy- Hepatic Embolization and Y90** – Dr. Ashish Gupta (*Ottawa, ON*)
Objectives: Brief introduction to hepatic embolization. Role of microsphere therapy.

1430-1500 **REFRESHMENT BREAK** - *Victoria South*

1500 - 1730 **PLENARY 4** - *Victoria North*

Chair: *Dr. Éric Turcotte*

1500-1600 **Production of Technetium**

1500-1530 **Production of Technetium -The Basics** - Doug Abrams (*Edmonton, AB*)

1530-1600 **Linear Accelerators and Separation of Tc99m Using Automated Technology** – Dr. Mark de Jong, (*Saskatoon, SK*)

Chair: *Dr. Al Driedger*

1600-1700 **Round Table – Production of Technetium – The Future**
Covidien – Roy Brown
Lantheus –William Dawes

1700-1730 **SNM Presentation** – Dr. Fred Fahey, SNM President-Elect

1730 - 1830 **SNM-EGL BOARD OF DIRECTORS MEETING** (closed) – *Alta Vista*

1900 - 2100 **ANNUAL DINNER & AWARDS** – *Summit (top floor)*

SATURDAY, May 5, 2012

0730 - 0900 **REGISTRATION** - *Victoria Foyer*

0800 - 0900 **CONTINENTAL BREAKFAST** - *Victoria South & North*

0800 - 1200 **EXHIBITS CONTINUE** - *Victoria South*

0900 - 1200 **PLENARY 5** - *Victoria North*

Chair: *Dr. Norman Laurin*

0900- 1015- Canadian and American Health policies: A Comparison

Dr. Jeffrey Turnbull, Past-President, CMA (*Ottawa, ON*)

Objectives: Compare and contrast Canadian and US Healthcare policy in terms of strengths and weaknesses. Highlight the common policy challenges that both systems face going forward. Highlight proposed policy solutions for addressing Canada's health care challenges.

Dr. Steven Stack, Chair-Elect, AMA Board of Trustees, (*Lexington, KY*)

1015-1045 **REFRESHMENT BREAK** - Victoria South

1045-1200 **Computed Tomography Anatomy and Pathology of the Thorax, Abdomen & Pelvis for Nuclear Physicians and Technologists** – Dr. Alan Klitzke, (Buffalo, NY)

1200 **CLOSURE – END OF MEETING**

MAINTENANCE OF CERTIFICATION

This event is an accredited group learning activity as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada and approved by the Canadian Association of Nuclear Medicine and the Canadian Association of Medical Radiation Technologists.

La présente activité, approuvée par l'Association canadienne de médecine nucléaire, constitue une activité de formation collective agréée conformément à la définition précisée dans le programme de Maintien du certificat du Collège royal des médecins et chirurgiens du Canada. Elle a aussi reçu l'approbation de l'Association canadienne des technologues en radiation médicale.

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Dr. François Raymond
Dr. Terry Ruddy
Dr. Nancy Paquet
Ms. Lily Krnezich

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For information, please visit our Website at:

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