



SNMMI: General Clinical Nuclear Medicine Council

SNMMI Annual Meeting
June 2013

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As of May 1, 2013, the GCNMC has 162 members. This is an increase from 135 members last year

Our emphasis continues to be on education. The most recent CME courses we have organized and presented are shown below.

We have been working with the Committee on Guidelines to update guidelines related to general nuclear medicine. The most recent was the Gastrointestinal Bleeding protocol

The GCNMC has finalized a proposed Lifetime Achievement Award, which will be reviewed and submitted for approval to the Committee on Councils at the SNMMI Annual Meeting in June. Once approved, the award may be given out for the first time at the 2014 SNMMI Annual Meeting in St. Louis, MO. This Lifetime Achievement Award is being established to recognize those physicians and scientists who have distinguished themselves through a career dedicated to the advancement of patient care in the field of Nuclear Medicine. These individuals will have provided outstanding contributions to the

general nuclear medicine subspecialties including urogenital, pulmonary, musculoskeletal, endocrine and gastrointestinal imaging that have advanced the field to allow improved clinical diagnosis and patient care.

The GCNMC is always looking for good speakers on topics of interest for CME or Categorical Courses at the Annual or Mid-Winter Meetings. Please contact Helena Balon.

Activities and Accomplishments

1. We sponsored a CME course at the January 2013 Mid-Winter Meeting in New Orleans, LA entitled:

General Nuclear Medicine Update - The Tried and True - Getting Better with Age
Saturday, January 26, 2013 1:00 PM-4:05 PM

Organizer: Harvey A. Ziessman, MD
Moderator: Harvey A. Ziessman, MD
Co-Moderator: Helena R. Balon, MD

The lecture titles were:

- 1:00 PM - 1:35 PM The Ventilation Perfusion Scan - State-of-the-Art 2013
Darlene F. Metter, MD
- 1:35 PM - 2:10 PM Sinalide Cholescintigraphy, the Essentials
Mark Tulchinsky, MD
- 2:10 PM - 2:45 PM Thyroid Scintigraphy for Benign Disease - Best of the Old and New
Frederick D. Grant, MD
- 2:45 PM - 2:55 PM Break
- 2:55 PM - 3:30 PM Alternatives to the Standardized Solid Gastric Emptying Study
Harvey A. Ziessman, MD
- 3:30 PM - 4:05 PM Parathyroid Scintigraphy - Planar, SPECT, and SPECT/CT
Harvey A. Ziessman, MD

2. We organized a CME Categorical Course at the June 2012 Annual Meeting entitled:

Current Practice and Controversies in I-131 Therapy for Differentiated Thyroid Cancer

Organizer: Helena Balon, MD

Endocrinologist's Perspective
Paul Ladenson, MD, Johns Hopkins University

Surgeon's Perspective
Peter Czako, MD, Royal Oak, Michigan

Thyroid Remnant Ablation
Stanley Goldsmith, MD

Therapy of Metastatic Differentiated Thyroid Cancer
Douglas Van Nostrand, MD

Radiation Safety Issues of I-131 Therapy of DTC
Michael G. Stabin, PhD

Long Term Risks of I-131 Therapy – Myth or Reality
J. Anthony Parker, MD, Boston, MA

The Dilemma of the Iodine-negative/Thyroglobulin-positive Patient
Edward Silberstein, MD, Cincinnati, Ohio

Role of PET/CT in DTC Management
Heiko Schoder, MD, New York

Practice Improvement – Panel Discussion.

3. We organized 7 CME Courses at the June 2012 Annual Meeting in Miami:

Hybrid Imaging of Inflammation and Infection Imaging
Organizer: Christopher J. Palestro, MD

F-18 Sodium Fluoride Bone Imaging
Organizer: J. Anthony Parker, MD, Boston, MD and Eric Rohren, MD, Houston, TX

Hepatobiliary Scintigraphy in Surgical Patients with Acute and Chronic Cholecystitis
Mark Tulchinsky, MD, Hershey, PA

Gastrointestinal Transit - Update
Organizer: Kevin J. Donohoe, Boston, MA

Diuretic Renography for Suspected Obstruction
Organizer: Andrew T. Taylor, Jr, MD, Atlanta, GA

Molecular Imaging of Liver Function for Optimizing Care in Liver Resection and Transplantation
Organizer: Mark Tulchinsky, MD, Hershey, PA

Imaging for Pulmonary Embolus: A Current Status Report
Organizer: Leonard M. Freeman, MD, New York

Several of these courses were SAM sessions

Looking Forward

We would like to encourage involvement of our membership in ongoing education, guideline updates, and outreach activities. One way would be to join one of our Committees. The committees include, Renal, Infection, Gastrointestinal, Hepatobiliary, Musculoskeletal, Endocrine, and Pulmonary.

The Council will be sponsoring the following CE sessions at the 2013 SNMMI Annual Meeting, June 8 – 12 in Vancouver, British Columbia, Canada.

Radionuclide Imaging of Inflammation and Infection: State of the Art (SAM session)

Sunday, June 9, 12:30pm – 2:00pm

Organizer: Christopher J. Palestro, MD

Moderator: Giuliano Mariani, MD

Co-Moderator: Christopher J. Palestro, MD

Educational Objectives

Upon completion of this activity, the participant will be able to:

1. Interpret the most appropriate radionuclide evaluation for a patient with fever of unknown origin.
2. Identify tracers, in addition to gallium, labeled leukocytes, and FDG, that are being investigated for imaging inflammation and infection.
3. Recognize the most appropriate radionuclide evaluation for a patient suspected of having prosthetic joint infection

12:30pm – 1:15pm Soft Tissue Infection - Ora Israel, MD

1:15pm – 2:00pm Musculoskeletal Infection - Christopher J. Palestro, MD

Imaging for Pulmonary Embolism: A Current Status Report (SAM Session)

Monday, June 10, 12:30pm – 2:00pm

Organizer: Leonard M. Freeman, MD

Moderator: Leonard M. Freeman, MD

Educational Objectives

Upon completion of this activity, the participant will be able to:

1. Utilize clinical considerations and other laboratory studies to recommend the appropriate imaging examination for suspected pulmonary embolism.
2. Explain the role of CT angiography and the relative significance of detecting and treating small peripheral emboli.
3. Compare the benefits of using SPECT versus planar V/Q methodology.

12:30pm – 1:00pm Diagnostic Strategies in Pulmonary Embolism - Gregorie Le Gal, MD PhD MSc

1:00pm – 1:30pm Role of CT Angiography: Significance of Detecting Small Emboli - Linda B. Haramati, MD

1:30 PM - 2:00 PM V/Q Scintigraphy Patient Selection Results and Role in Monitoring - Leonard M. Freeman, MD

Gastric Motility - 2013 (SAM session)

Sunday, June 9, 2:45 PM-4:15 PM
Organizer: Harvey A. Ziessman, MD
Moderator: Harvey A. Ziessman, MD
Co-Moderator: Kevin J. Donohoe, MD

Educational Objectives

Upon completion of this activity, the participant will be able to:

1. Assess the importance of adopting standardized gastric emptying.
2. Apply the standardized solid gastric emptying protocol in clinics.
3. Identify alternatives to the standardized protocol.

2:45 PM - 3:15 PM Consensus Recommendations on the Standardized Solid Gastric Emptying Protocol - Michael L. Middleton, MD, FACNM
3:15 PM - 3:45 PM The Central Texas Experience in Converting to the Standardized Solid Gastric Emptying Protocol - Michael L. Middleton, MD, FACNM
3:45 PM - 4:15 PM Alternatives to the Standardized Solid Gastric Emptying Study - Harvey A. Ziessman, MD

Hepatobiliary Imaging: The State of the Art (SAM session)

Tuesday, June 11, 4:30 PM-6:00 PM
Organizer: Mark Tulchinsky, MD
Moderator: Mark Tulchinsky, MD
Co-Moderator: R. Bennink, MD, PhD

Educational Objectives

Upon completion of this activity, the participant will be able to:

1. Demonstrate optimal protocols for diagnostic evaluation of covered conditions at participant's practice sites.
2. Recognize uncommon findings that can change patient management in the covered clinical entities.

4:30 PM - 5:00 PM Liver Function Scintigraphy: Recent Advances - R. Bennink, MD, PhD
5:00 PM - 5:30 PM Hepatobiliary Imaging in Acute Cholecystitis - Mark Tulchinsky, MD
5:30 PM - 6:00 PM The Essentials of Sincalide Cholescintigraphy - Mark Tulchinsky, MD

Diuretic Renography (SAM session)

Tuesday, June 11, 9:45 AM-11:15 AM
Organizer: Andrew T. Taylor, Jr., MD, FACNM
Moderator: Andrew T. Taylor, Jr., MD, FACNM
Co-Moderator: Massoud Majd, MD

Educational Objectives

Upon completion of this activity, the participant will be able to:

1. Assess the quality of diuretic renography reports.
2. Apply key diagnostic variables to assist in scan interpretation.
3. Recognize the potential role of expert systems in nuclear medicine and diuretic renography.

9:45 AM - 10:30 AM Read with the Experts (Pediatrics) - Massoud Majd, MD
10:30 AM - 11:15 AM Structured Reporting and Expert Systems for Diuretic Renography - Andrew T. Taylor, Jr., MD, FACNM

SPECT/CT in Thyroid and Parathyroid Disease (SAM session)

Monday, June 10, 4:30 PM-6:00 PM

Organizer: Christopher J. Palestro, MD

Moderator: Christopher J. Palestro, MD

Co-Moderator: Kenneth J. Nichols, PhD

Educational Objectives

Upon completion of this activity, the participant will be able to:

1. Apply risk stratification criteria for determining postoperative management of patients with thyroid cancer.
2. Define the role of diagnostic radioiodine SPECT/CT imaging for postoperative staging and risk stratification of thyroid cancer.
3. Identify therapeutic options for patients with thyroid cancer after total thyroidectomy.

4:30 PM - 5:15 PM Thyroid Cancer Imaging: The Role of Diagnostic Radioiodine SPECT/CT Anca M. Avram, MD

5:15 PM - 6:00 PM Optimizing Preoperative Parathyroid Scintigraphy : Christopher J. Palestro, MD

Bone Scintigraphy (SAM session)

Tuesday, June 11, 8:00 AM-9:30 AM

Organizer: J. Anthony Parker, MD, PhD

Moderator: J. Anthony Parker, MD, PhD

Co-Moderator: Gary L. Dillehay, MD, FACNM, FACR

Educational Objectives

Upon completion of this activity, the participant will be able to:

1. List the advantages of ¹⁸F fluoride PET/CT compared to ^{99m}Tc phosphonate bone scintigraphy.
2. Explain the utility of bone in the context of overall health care delivery.
3. Implement new methods in their practice and new data in their interpretations.

8:00 AM - 8:30 AM ^{99m}Tc Diphosphonate Skeletal Scintigraphy - Gary L. Dillehay, MD, FACNM, FACR

8:30 AM - 9:00 AM ¹⁸F Sodium Fluoride Skeletal PET/CT - George M. Segall, MD

9:00 AM - 9:30 AM Pediatric Skeletal Scintigraphy (Update) - S. Ted Treves, MD