

**SNMMI Board of Directors Bi-Annual Report
PET Center of Excellence – 2017 Mid-Winter Meeting**

Overview: SNMMI Councils and Centers provide professional networking and educational programs for nuclear medicine and molecular imaging professionals in respective areas, while simultaneously serving as a resource for development and implementation of the SNMMI Strategic Plan and other Society policies.

Reporting Instructions: Twice a year, councils and centers are asked to submit a written report to the House of Delegates (councils) and Board of Directors (centers of excellence). These reports help the HOD and BOD to keep up-to-date on the activities of the special interest groups, while also providing an opportunity for these groups to note any challenges they are having with respect to meeting their goals.

Goal 1: (100% Completed)

The PET CoE will continue to sponsor educational sessions at the SNMMI Mid-Winter and Annual Meetings

SNMMI Strategic Plan Goals that relates to this goal:

- Goal A: Advance the development and approval of nuclear medicine and molecular imaging technologies.
- Goal B: Facilitate and support the availability and clinical utilization of nuclear medicine and molecular imaging technologies.
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

Current Progress:

Sponsored CE Sessions at the 2017 Mid-Winter Meeting

PET/MRI from the Technologist's Perspective

PET Protocols: Nuts and Bolts

Co-Sponsored CE Sessions at the 2017 Mid-Winter Meeting

CT Case Review: Cardiac and Chest (Cases 1-12)

CT Case Review: Chest (Cases 13-25)

Abdomen Case Review with MR-CT Correlation, Part I (Cases 26-37)

Abdomen Case Review with MR-CT Correlation, Part II (Cases 38-50)

CT Case Review: MSK, Pediatrics and Other Interesting Cases (Cases 51-62)

Monitoring Tumoral Response

CT Case Review: Head and Neck (Cases 63-75)

CT Case Review: Molecular Imaging of the Head and Neck with Anatomic Correlation (Cases 76-88)

MRI Case Review Part I (Cases 1-10)

MRI Case Review Part II (Cases 11-20)

Approved CE Sessions at the 2017 SNMMI Annual Meeting

Immunotherapy: Response Assessment with PET

Categorical: PET/MRI: A Focus on Oncology (co-sponsored with ISMRM)

PET MR in Pediatrics: Emerging role and Potential applications (co-sponsored with PIC)

Integrating Newly Approved Radiopharmaceuticals into Your Clinic (co-sponsored with CTN)

Next Steps: This is, of course, an ongoing project with plans to continue to provide educational offerings at all future midwinter and annual meetings. (Updated: January 2017)

Goal 2: (75% Completed)

PET Tracer Encyclopedia Taskforce

SNMMI Strategic Plan Goals that relates to this goal:

- Goal A: Advance the development and approval of nuclear medicine and molecular imaging technologies.
- Goal B: Facilitate and support the availability and clinical utilization of nuclear medicine and molecular imaging technologies.

Current Progress: The task force has created a total of twelve (12) tracer guides which are available online at PET CoE website. Work is in progress for four more tracers (Rubidium-82; F-18 Florbetaben; Ga-68 DOTATATE; F-18 FAZA). (Updated: December 2015)

Next Steps: Marques Bradshaw, MD, will be new chair of the tracer encyclopedia task force. PET CoE will seek to collaborate with the The Clinical Trials Network (CTN) and the RPSC on the new tracer guides and a WIKKI site. (Updated: January 2017)

Goal 3: (20% Complete)

Maintain and Update content on PET COE and PET PROS websites

SNMMI Strategic Plan Goals that relates to this goal:

- Goal B: Facilitate and support the availability and clinical utilization of nuclear medicine and molecular imaging technologies.
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

Current Progress: Board members have agreed the PET PROS content needs updating. Additionally, board has determined there needs to be a mechanism to get people interested in submitting information. The board has discussed offering academic credit to people who submit information to the PET PROS site. The board also agreed to merge the PET PROS with the PET CoE website and create a new editorial board that would be responsible for maintaining the content on the PET PROS site. Dr. Knopp and Dr. Wright are working on a strategic plan and a letter to the editor of the JNM to present this project and move it forward. (Updated: January 2017)

Next Steps: Develop a strategic plan for offering academic credit for PET PROS site updates. (Updated January 2017)

Goal 4: (33% Completed)

PET/MRI Credentialing Taskforce

SNMMI Strategic Plan Goals that relates to this goal:

- Goal A: Advance the development and approval of nuclear medicine and molecular imaging technologies.
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

Current Progress: As this is more of an SNMMI initiative, and the task force is reporting to the SNMMI board, PET CoE will remove this goal from its agenda for reporting. (Updated: January 2017)

Next Steps:

Goal 5: (60% Completed)

PET/MRI Taskforce

SNMMI Strategic Plan Goals that relates to this goal:

- Goal A: Advance the development and approval of nuclear medicine and molecular imaging technologies.
- Goal B: Facilitate and support the availability and clinical utilization of nuclear medicine and molecular imaging technologies.
- Goal E: Support and enhance the professional workforce and environment.

Current Progress: SNMMI and the ISMRM are planning a joint workshop. It is scheduled for October 26-29 in Chicago, IL. There will be a planning committee made up of representatives from both organizations to plan the program content of the workshop. The organizations also sponsored a joint webinar in November 2016. (Updated January 2017)

Next Steps: Discuss additional activities on PET/MR in which SNMMI can take the initiative. (Updated January 2017)

Goal 6: (50% Completed)

Treatment Response Using PET Taskforce

SNMMI Strategic Plan Goals that relates to this goal:

- Goal A: Advance the development and approval of nuclear medicine and molecular imaging technologies.
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.

Current Progress: The first topic for the task force was on lymphoma: a two part JNM CE article summarizing currently available response criteria was drafted. The first part of this document was published in the June 2016 issue of JNM. The second part is available in electronic format ahead of print on PubMed. (Updated: January 2017)

Next Steps: Future topics to be addressed in similar format include: Novel FDG uptake metrics, response metrics for head/neck cancer and possibly pediatric cancer response criteria. (Updated: January 2017)