

**SNMMI Board of Directors Bi-Annual Report  
PET Center of Excellence – 2017 Annual 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)

Sponsored CE Sessions at the 2017 SNMMI Annual Meeting

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)

PET/CT and Immune Modulation Therapy Assessment

Peter E. Valk, MD, Memorial Award and Lecture

**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: May 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 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:** At the Board of Directors meeting in January 2017, the board voted to establish a PET/MR working group, open to all PET CoE members. Additionally, the spring 2017 newsletter featured PET/MR topics. SNMMI and the ISMRM are planning a joint workshop, scheduled for October 26-29 in Chicago, IL. A planning committee with representatives from both organizations is creating program content for the workshop. The organizations also sponsored a joint webinar in November 2016. PET CoE organized a webinar on PET MR and Prostate Cancer imaging in May 2017. (Updated May 2017)

**Next Steps:** Launch meetings of the PET/MR working group. (Updated May2017)

**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 chosen for the task force (based on available literature) was on lymphoma: a thorough two part JNM CE article summarizing currently available response criteria was written. The first part of this document was published in the June 2016 issue of JNM. The second part was published in the January 2017 issue of JNM. Both have been well received.

**Next Steps:** Future topics will address other PET response assessment topics in a similar format. Next on the list is, Novel FDG uptake metrics as well as response metrics for head/neck cancer. A subsequent topic after that will likely be pediatric cancer response criteria. (Updated: May 2017)