PET Center of Excellence 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 C: Support and enhance the professional workforce and environment.


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: 12/08/2015)

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), with the expectation of having them ready for board approval by the 2016 mid-winter meeting. (Updated: 12/08/2015)

Next Steps: ACTION ITEMS: completion of next 4 tracer guides, strategy for continuous updating of existing material (Updated: 12/08/2015)

Goal 3: (10% Completed)
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: At our most recent BOD Retreat, Dr. Niederkohr reviewed the old PET PROS website content with the board members, who agreed that the information on this site is quite outdated. The board was asked to decide how to move forward with updating the site, what to include and not include, and where to post the information. Dr. Niederkohr suggested refreshing this information and merging it with the PET CoE website into a single domain. Board members agreed with the idea of updating the information and merging it with the PET CoE website but also thought it was important to give academic credit to people for their contributions towards updating the information. The board members discussed creating an Editorial Board to be in responsible for the website maintenance and content. (Updated: 12/08/2015)

Next Steps: Michael Knopp, MD, PhD, and Chadwick Wright, MD, agreed to help review the existing PET PROS information to decide what needs to be deleted and updated. Intent is to create an editorial board (Michael Knopp, MD, PhD, and Chadwick Wright, MD) to review existing content and purges out of date material; develop strategic plan for creation of new material; investigate potential routes for citation/authorship to earn academic credit for submissions. (Updated: 12/08/2015)

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 B: Facilitate and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

Current Progress: The PET/MR Credentialing Statement Task Force intends to produce a total of three credentialing documents: Brain (completed and published), cardiac PET/MR, and the Body PET/MR. Body PET/MR will be subdivided to neck, chest, abdomen, pelvis, and extremities. The task force assigned responsibilities to each member and discussed working towards a 6-month timeline for the first draft of the credentialing statement on the body. The goal is to have the first draft of the credentialing statement for body PET/MR presented to the SNMMI and ACR Board of Directors in or around January 2016 with a goal of a final document being presented to SNMMI and ACR in April/May 2016. (Updated: 12/08/2015)

Next Steps: ACTION ITEMS: completion and submission of body MR credentialing statement (Updated: 12/08/2015)

Goal 5: (50% 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: Thomas Hope, MD, has agreed to serve as new Chair of this taskforce. The PET/MR task force has collaborated with the International Society for Magnetic Resonance in Medicine (ISMRM) and co-sponsored a categorical session at the 2015 SNMMI annual...
meeting in Baltimore, MD. The PET/MR task force would like to continue to collaborative work with ISMRM on a PET/MR Study Group to support research, development, evaluation, application, clinical integration, and new research opportunities of simultaneous MR and PET imaging. The study group will provide formal representation of PET/MRI within the ISMRM, with a focus on the role of MRI in the combined modality. The board members discussed billing for PET and MR and noted that there is a lot of emphasis on the credentialing of PET. The question was raised about creating a CMS task force within the PET CoE. (Updated: 12/08/2015)

Next Steps: ACTION ITEMS: planning for CE sessions at MWM and AM; liaise between ISMRM and PET CoE for development of material/content “between meetings” (Updated: 12/08/2015)

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<td><strong>Goal 6: (10% Completed)</strong></td>
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| **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:** Erik Mittra, MD, PhD and Katherine Zukotynksi, BASc, MD, FRCPC are co-chairs of this taskforce, with Delphine Chen, MD and Helen Nadel, MD serving as members as well. The goal of the task force is to provide information on tumor type data that is already available and provide that information in a summary document on treatment response for certain cancers. The first topic for the task force was on lymphoma; a CME article summarizing currently available response criteria has been drafted and is in process of submission to JNM for peer review and eventual publication. Ideas suggested for future contributions include summary of novel generic response parameters (e.g., MTV/TLG) and immunotherapy response criteria. (Updated: 12/08/2015) |
| **Next Steps:** ACTION ITEMS: submission of lymphoma CME paper to JNM; research and determine next topic. (Updated: 12/08/2015) |
| **Goal 7: (5% Completed)** | Ga-68 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 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:** At most recent PET CoE BOD retreat, it was agreed to form a new taskforce devoted to education regarding utilization of Ga-68 labeled compounds, specifically DOTATATE/-TOC/-NOC for which commercial availability is imminent, but with eye toward potential future agents including PSMA. It was determined that our membership desires education with respect to clinical translation including guidance on scan interpretation. (Updated: 12/08/2015)
| **Next Steps:** Taskforce has been created - Recruit members to the working group - Create standard protocols for these new agents - Educational offerings (perhaps in the form of CME article in JNM or similar) with respect to scan interpretation. (Updated: 12/08/2015) |