

Pediatric Imaging Council Goals

Goal 1: (10% Completed)

Expand and optimize utilization of the SNMMI PIC website

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: Organization and planning phase in progress. Ideas for increasing content include transferring the current pediatric nuclear medicine listserve to the website (see goal #2), providing a list of current pediatric nuclear medicine publications, and increasing the number of links to relevant pediatric nuclear medicine websites. (Updated: 01/05/2015)

Next Steps: Finish the organization and planning phase and implement changes to the website. (Updated: 01/05/2015)

Goal 2: (10% Completed)

Transfer Pediatric NM list serve from Yahoo to the SNMMI website

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: Michael Gelfand has contacted the head of SNMMI IT to coordinate the transfer. (Updated: 01/05/2015)

Next Steps: Continue to work with SNMMI IT to move the current listserve to the SNMMI website. (Updated: 01/05/2015)

Goal 3: (60% Completed)

Further refine the consensus guidelines for pediatric nuclear medicine as part of the Image Gently dose reduction initiative

- a. Expand the consensus guidelines to include recommendations for additional radiopharmaceuticals
- b. Assess effectiveness of initial dose recommendations and consider possible modifications of some existing dose recommendations
- c. Continue to encourage international participation with consensus development, especially with the EANM Paediatric Dose Card
- d. Produce pediatric-specific CT protocol recommendations for hybrid imaging

SNMMI Strategic Plan Goals that relates to this goal:

- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.

Current Progress: a. Expansion of the consensus guidelines to include recommendations for additional

radiopharmaceuticals is under way (adding Tc-99m-ECD, Tc-99m-sestamibi, I-123, Tc-99m-RBC, and Tc-99m-WBC). b. Boston did a survey to assess effectiveness of initial dose recommendations. Publication of guidelines and associated PR program appear to have had a positive effect in regards to dose optimization and procedure standardization in pediatric nuclear medicine. c. EANM and North American guidelines were "harmonized" prior to this summer. The new version of "harmonized" Consensus Guidelines were published (Lassmann M, Treves ST. Eur J Nucl Med Mol Imaging, 2014;41:1036-1041. and Treves ST, Lassmann, M. J Nucl Med 2014;55:869-870). Poster "Update to the North American Guidelines" appeared in the first page of the J Nucl Med issue in August 2014 and in Dec 2014 issue of JNMT. d. No "official" program yet under way to produce CT protocol recommendations. May be difficult as new CT scanners use much lower doses, and not everyone has a new scanner. (Updated: 01/05/2015)

Next Steps: Continue progress on current efforts. (Updated: 01/05/2015)

Goal 4: (80% Completed)

Publicize optimal practice of pediatric nuclear medicine, including the recommendations of the Dose Reduction Workgroup

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: The new version of "harmonized" Consensus Guidelines were published (Lassmann M, Treves ST. Eur J Nucl Med Mol Imaging, 2014;41:1036-1041. and Treves ST, Lassmann, M. J Nucl Med 2014;55:869-870). Poster "Update to the North American Guidelines" appeared in the first page of the J Nucl Med issue in August 2014 and in Dec 2014 issue of JNMT. (Updated: 01/05/2015)

Next Steps: Continue to publicize dose reduction efforts as further updates occur. (Updated: 01/05/2015)

Goal 5: (50% Completed)

Provide more educational materials for the Image Gently campaign

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.
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- Goal E: Support and enhance the professional workforce and environment.

Current Progress: Added links to "Pediatric Injected Activity Tool" and "Nuclear Medicine Radiation Dose Tool". The PIC intern (Neha Kwatra) has been working with Image Gently to increase the educational materials available. (Updated: 01/05/2015)

Next Steps: Continue to collaborate with the Image Gently campaign to provide educational resources. (Updated: 01/05/2015)

Goal 6: (80% Completed)

Continue collaboration with the Image Gently program of the Alliance for Radiation Safety in Pediatric Imaging to promote methods of dose reduction

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: Members of the PIC continue to actively collaborate with the Image Gently campaign, including involvement by Ted Treves and Fred Fahey. (Updated: 01/05/2015)

Next Steps: Continue collaboration. (Updated: 01/05/2015)

Goal 7: (50% Completed)

Encourage SNMMI membership and SNMMI Technologist Section membership to participate in the Image Gently program of the Alliance for Radiation Safety in Pediatric Imaging

SNMMI Strategic Plan Goals that relates to this goal:

- 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: We continue to promote awareness of and participation in both Image Gently and the Alliance for Radiation Safety at PIC educational sessions and events. (Updated: 01/05/2015)

Next Steps: Continue efforts. (Updated: 01/05/2015)

Goal 8: (0% Completed)

Make recommendations for post-therapy care and home precautions for pediatric therapy patients and children of adult therapy patients

SNMMI Strategic Plan Goals that relates to this goal:

- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.

Current Progress: Still in planning phase. (Updated: 01/05/2015)

Next Steps: No data entered.

Goal 9: (100% Completed)

Participate in American College of Radiology Procedure Guideline review

SNMMI Strategic Plan Goals that relates to this goal:

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- Goal E: Support and enhance the professional workforce and environment.

Current Progress: Members of the PIC continue to participate in ACR procedure guideline reviews. For example, Helen Nadel recently participated in the Meckel Scintigraphy, Diuretic Renography, and Cardiac Scintigraphy guidelines. (Updated: 01/05/2015)

Next Steps: Continue to participate in reviews relevant to pediatric practice. (Updated: 01/05/2015)

Goal 10: (30% Completed)

Begin presentation of the recently approved Conway-Treves Senior Investigator Award

SNMMI Strategic Plan Goals that relates to this goal:

- 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: Budgeting in place for certificate. Awards committee to be headed by the PIC immediate past president. (Updated: 01/05/2015)

Next Steps: Move forward with selection of recipient and presentation of award. (Updated: 01/05/2015)

Goal 11: (30% Completed)

Continue presentation of the recently approved Majd-Gilday Young Investigator Award

SNMMI Strategic Plan Goals that relates to this goal:

- 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: Budget in place for award. Award committee to be headed by the PIC immediate past president. (Updated: 01/05/2015)

Next Steps: Recipient selection and award presentation. (Updated: 01/05/2015)

Goal 12: (30% Completed)

Continue preparation of a Pediatric Imaging Council newsletter

SNMMI Strategic Plan Goals that relates to this goal:

- 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: A Fall 2014 PIC newsletter was written and submitted to the SNMMI. However, it was never published or distributed to the membership. (Updated: 01/05/2015)

Next Steps: Follow up with SNMMI regarding impediments to newsletter publication and distribution. (Updated: 01/05/2015)

Goal 13: (0% Completed)

Develop, maintain, and update materials for a pediatric module for maintenance of certification (MOC), as part of the SNMMI goal of Lifelong Learning; also provide pediatric materials for other MOC modules (Renal & GI)

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- Goal E: Support and enhance the professional workforce and environment.

Current Progress: Still in planning phase. (Updated: 01/05/2015)

Next Steps: Continue efforts. (Updated: 01/05/2015)