Council Report to the SNMMI Board of Directors
January 2021

PEDIATRIC IMAGING COUNCIL

Council Mission: The Pediatric Imaging Council is a group within The Society of Nuclear Medicine and Molecular Imaging, Inc., hereafter referred to as the Society, dedicated to the interchange of scientific and medical ideas among Society members who have interest in pediatric imaging using radiopharmaceuticals. The overall mission of the Pediatric Imaging Council is to:

(a) provide a forum for members with similar interests
(b) provide expertise in the field of interest to the membership
(c) foster research and education in pediatric imaging using radiopharmaceuticals
(d) provide outreach to other professionals and organizations
(e) nurture new membership into the Society
(f) serve as a resource to SNMMI Leadership

Council Mission and SNMMI’s Strategic Plan: The work of the Pediatric Imaging Council applies to the following goals and objectives in SNMMI’s Strategic Plan:

Goal A: SNMMI members are known for high-quality, value-driven performance and delivery of patient-centered nuclear medicine practice.
   Objective 1: Increase the development and dissemination of clinical guidance documents, including appropriate use criteria.
   a. Develop appropriate use criteria and procedure standards for NM/MI scans, therapies, and other procedures.
   b. Collaborate with clinical decision support mechanism vendors to ensure proper implementation of AUC.
   c. Review systematic review outsourcing and/or collaboration with other societies.
   d. Ensure volunteer engagement to review AUC recommendations for clinical decision support.

Goal C: There is an appropriate number of qualified professionals working in the field of nuclear medicine.
   Objective 3: Increase recognition of SNMMI as the professional home of all nuclear medicine professionals.
   a. Ensure that educational programs provide value to current and potential members.
   b. Use innovative and novel methods for providing educational content to members and non-members.
   c. Support professional development and member engagement in the society.

Goal E: Patients and the medical community recognize the value of nuclear medicine, molecular imaging and radionuclide therapy.
   Objective 4: Increase SNMMI’s outreach efforts and resources within the imaging community.
   a. Offer presentations at chapter meetings, at the Annual and Mid-Winter meetings, and via webinars.
   b. Disseminate information about current initiatives to smaller NM/MI chapters to reach those who don’t attend the Annual Meeting.
Goal F: SNMMI has the organizational strength and sustainability to lead the field in a dynamic healthcare landscape.

Objective 1: Strengthen membership numbers.
   d. Ensure enthusiasm.
      iii. Create a sense of community and networking opportunities among our members.

PIC Council President: Victor Seghers, MD, PhD

PIC Intern/Mentor: Justin Brown/Ted Treves and Fred Fahey

Date of Last meeting: January 19, 2021

Date of Next meeting: June 2021

Update on Council Programs:

2021 SNMMI Virtual MWM CE Session:
   • Pediatric Nuclear Medicine Applications-Common to Obscure
   • Updates on Radionuclide Therapies in Pediatrics: Current Status and Novel Applications

2020 SNMMI Virtual Annual Meeting CE Session:
   • Pediatric PET/MR
   • Pediatric Read with the Experts
   • SPECT/CT Applications in Pediatrics

Action Items in Progress/Pending:

• Preparation for 2021 Annual Meetings
• Selection of 2021-2023 PIC Intern
• 2021 PIC Awards
   o Conway-Treves Senior Investigator Award: Helen Nadel, MD, FRCPC
   o Majd-Gilday Young Investigator Award: TBD
• 2019-2021 PIC Intern Project on creating an expandable web tool to allow the user to scale administered activity of the simulated scan, so the user may see the image quality as a function of administered activity has begun. In addition, Dr Brown co-authored two papers with Drs Treves and Fahey
   o Dosimetric Considerations of 99mTC-MDP uptake within the epiphyseal plates of long bones of pediatric patients
   o Body morphometry appropriate computational phantoms for dose and risk optimization in pediatric renal imaging with 99mTC-DMSA and 99mTC-99m-MAG3
• Published Joint SNMMI/EANM Pediatric FDG PET/CT for Oncology Procedure Standard
• Updating Joint SNMMI/EANM Pediatric DMSA Renal Scintigraphy Procedure Standard
• Continuing longitudinal contributions to Image Gently Campaign and pediatric nuclear medicine dose optimization

Action Items Completed: See programs above

Recommendations/Questions for the Board of Directors: N/A

Other Comments: N/A