

Pediatric Imaging Council FY22 Business Plan –June 2021 Value Initiative 2.0

The Pediatric Imaging Council (PIC) provides a conduit for the sharing and dissemination of information unique to pediatric nuclear medicine. It serves as a forum for individuals involved in pediatric scintigraphic and molecular imaging as well as therapy to meet and discuss common problems and experiences. Established to further advance the interests of pediatric imaging within the SNMMI, the council serves as a liaison to other pediatric imaging organizations, and to advance both research and education related to pediatric nuclear medicine.

The Pediatric Imaging Council is dedicated to the interchange of scientific and medical ideas among Society members who have interest in pediatric imaging using radiopharmaceuticals.

SNMMI Value Initiative 2.0 – Engagement of Councils and Centers of Excellence

In 2018, SNMMI launched its Value Initiative – a comprehensive strategic plan to advance the crucial role of nuclear medicine and molecular imaging in patient care and science ad discovery. The next step will become SNMMI's Value Initiative 2.0. As part of Value Initiative 2.0 SNMMI will continue to adjust our organization to the changing health care environment. Value Initiative 2.0 will also engage as many SNMMI members as possible through the work of various committees, working groups, SNMMI councils and centers of excellences and the SNMMI chapters.

As part of this inward focusing effort, councils and centers of excellence will be participating in Domain conference calls and working directly with the chairs from the six (6) domains to address the opportunities and develop strategies to meet them.

As a council, the Pediatric Imaging Council will be involved in every domain; Quality of Practice and Outreach. However, the council may be asked to or request to be involved in other domains as issues or opportunities arise.

Goals and Programs for FY2022

The Pediatric Imaging Council continues to be actively involved in the Image Gently campaign and the development of pediatric consensus guidelines for nuclear medicine procedures. The PIC develops educational activities for both the Annual and Mid-Winter Meetings focused on pediatric nuclear medicine and dose optimization topics. The PIC is actively involved in efforts within the SNMMI to educate physicians and technologists on current pediatric imaging techniques and practical dose reduction measures. Specific goals and objectives include:

1. Expand and optimize utilization of the SNMMI PIC website
2. 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 modify some of the existing dose recommendations.
 - c. Continue international participation with consensus development, especially with the EANM Pediatric Dose Card
 - d. Produce pediatric-specific CT protocol recommendations for hybrid imaging
3. Publicize optimal practice of pediatric nuclear medicine, including the recommendations of the Dose Reduction Workgroup
4. Provide more educational materials for the Image Gently campaign
5. Continue collaboration with the Image Gently program of the Alliance for Radiation Safety in Pediatric Imaging to promote methods of dose reduction

6. Encourage SNMMI membership and SNMMI Technologist Section membership to participate in the Image Gently program of the Alliance for Radiation Safety in Pediatric Imaging
7. Make recommendations for post-therapy care and home precautions for pediatric therapy patients and children of adult therapy patients
8. Participate in American College of Radiology Procedure Guideline review
9. Continue to sponsor Pediatric-related educational sessions at the SNMMI Annual meetings
10. Continue presentation of the Majd-Gilday Young Investigator Award annually and the Conway-Treves Senior Investigator Award every other year at the Annual meeting
11. Continue preparation of a Pediatric Imaging Council newsletter
12. Foster collaboration and harmonization of ideas among sites involved in and interested in I131 MIBG therapy.
13. Discuss the value of implementation of other therapies in the pediatric population such as Lutathera for neuroendocrine tumors.
14. Encourage collaboration in the development of novel radiopharmaceuticals.
15. Develop a mentoring program among the members of the PIC.
17. Create a pediatric nuclear medicine educational database.

Proposed FY22 Budget and Resource Requirements

1. Summary of Financial Needs

The attached budget summarizes the total resources needed to accomplish all of the goals set forth in the business plan.

2. Resource Requirements

No additional staff, materials, technology, or marketing support is required beyond the usual support provided by SNMMI headquarters.

Pediatric Imaging Council Background Overview

1. Mission

The mission of the Pediatric Imaging Council is to:

- Provide a forum for members to exchange ideas, concepts, techniques and practices related to pediatric nuclear medicine
- Provide expertise in pediatric nuclear medicine to the SNMMI membership
- Foster research and education in pediatric nuclear medicine
- Provide outreach to other professionals and organizations
- Encourage SNMMI membership and Pediatric Imaging Council membership in the pediatric nuclear medicine community
- Serve as a resource to the SNMMI leadership

2. Leadership

Officers

President: Lisa J. States, MD

Vice President: Reza Vali, MD

Secretary/Treasurer: Neha Kwatra, MD

Immediate Past-President: Victor Seghers, MD, PhD

Term

June 2021 – June 2023

June 2021 – June 2023

June 2021 – June 2023

June 2021 – June 2023

Board Members

Hollie Lai, MD

Kevin Edwards, RT(R)(N), CNMT, PET

Cassandra Dike, CNMT

Ian Kirkwood, MBBS, FRACP

Larry A. Binkovitz, MD, MA

Martin Charron, MD

Michael J. Gelfand, MD

Massoud Majd, MD

Helen R. Nadel, MD

Marguerite T. Parisi, MD, MS, Ed

Barry L. Shulkin, MD, MBA

Stephanie Spottswood, MD, MSPH

Ted Treves, MD

Fred Fahey, DSc

Fred Grant, MD

Ruth Lim, MD

July 2020 – June 2022

July 2020 – June 2022

June 2021 – June 2023

June 2021 – June 2023

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Non-Voting Member

Intern (non-voting)

Jennifer Gillman, MD, MSCI

June 2021-2023

4) Current Status

A. Financial

As of June 11, 2020, the PIC has a total revenue of \$7,821 and projected FY2021 expenses of \$923. This includes \$2,413 in member. Revenue is generated through annual membership dues, which are \$20.00 per member.

B. Membership

As of July 1, 2021, the PIC had 126 members which includes 100 physicians and scientists, and 26 technologists. PIC's membership history:

2020:	167
2019:	132
2018:	133
2017:	141

C. Member Benefits

- Pediatric NM list serve. Semi-annual Pediatric Imaging Council newsletter
- Annual Pediatric Imaging Council business meeting
- Participation in SNMMI continuing medical education activities and categorical courses
- Access to SNMMI Pediatric Imaging Council website with updates related to on-going Council activities
- Updates on dose optimization efforts in pediatric nuclear medicine (including PET/CT and SPECT/CT)

5) Accomplishments for FY2021

- Maintained an acceptable number of abstracts related to pediatric nuclear medicine for presentation at the SNMMI MWM and annual meeting.

- Sponsored the following continuing education sessions during the 2021 SNMMI MWM Meeting:

Pediatric Nuclear Medicine Applications: Common to Obscure

Updates on Radionuclide Therapies in Pediatrics: Current Status and Novel Applications (co-sponsored with the Therapy Center of Excellence)

- Sponsored the following continuing education sessions during the 2021 SNMMI AM

CE15: Common Pediatric Nuclear Medicine Applications

CE26: The Developing Brain: Can you Interpret Pediatric Brain Imaging? (co-sponsored with the Brain Imaging Council)

- Publication: Vali R et al. SNMMI Procedure Standard/EANM Practice Guideline on Pediatric 18F-FDG PET/CT for Oncology 1.0. Journal of Nuclear Medicine, Jan 2021, 62(1) 99-110; DOI <https://doi.org/10.2967/jnumed.120.254110>.