



President's message

We head into a year of uncertainty that will be better than 2021. The members of the PIC continues to be active leaders contributing to the SNMMI. An important ongoing PIC project will be to develop a mentoring program that will provide the support and opportunities needed for career development for our members. It's never too late to join this initiative. I would also like to announce the initiation of the Pediatric Imaging Case Competition. The SNMMI Pediatric Imaging Council will be hosting its inaugural Imaging Case Competition at this year's SNMMI Annual Meeting, which takes place June 11-14, 2022, in Vancouver BC, Canada. Thanks to everyone who helped us in this journey. Special thanks to our members who have contributed their expertise, time, and effort to standardize practice for the imaging of children and share this information with the global community through publications and presentations. Thank you!!

2022 SNMMI Annual Meeting



Please Join Us for our Session

Sunday, June 12, 12:30 – 2:00 PM

CE14: Organ Transplant Scintigraphy (GCMNC/PIC)

Summary:

General history on organ transplantation will be presented. Key components of post-transplant scintigraphy for lung, liver and kidney will also be discussed.

Objectives:

1. Examine the rationale and imaging in lung transplants.
2. Describe the imaging findings in renal transplants.
3. Determine the rationale and imaging in liver transplants.

Presenters and topics:

1. History: Darlene Metter
2. Renal: Reza Vali (12:30 – 12:50 PM)
3. Liver: David Brandon (12:50 – 1:15 PM)
4. Lung: Darlene Metter (1:15 – 1:35 PM)
5. Q&A/ Panel Discussion

Please Join Us for our Session

Monday, June 13, 10:00 – 11:30 am
CE27: Pediatric PET Imaging – What's New?

Summary:

The purpose of this session is to provide up-to-date information and offer practical applications for the performance of PET imaging focused on the pediatric patient. New and emerging technologies and radiotracers will also be highlighted. The intended audience is physicians, technologists and physicists of all levels. This course will serve to unify the global practice of pediatric nuclear medicine. After attending this course, practitioners will have the knowledge to adopt new recommendations resulting in the delivery of improved care and outcomes for children with cancer.

Objectives:

1. Understand the role of PET imaging in children with cancer.
2. Apply knowledge to modify existing pediatric protocols.
3. Discuss the use of new radiotracers in children.

Presenters and topics:

1. Updates in Modern PET Technology and Dose Reduction: Adam Alessio (10:00 – 10:15 AM)
2. Utility of 18F-FDG PET in Staging Pediatric Tumors: Adina L. Alazraki (10:15 – 10:30 AM)
3. Applications of New Diagnostic Radiotracers in Pediatrics – Body: Andre T. Trout (10:30 – 10:45 AM)
4. Applications of Novel Radiotracers in Pediatrics – Brain: Neha Kwatra (10:45 – 11:00 AM)
5. Imaging Children with Cancer Predisposition Syndromes: Mary-Louise Greer (11:00 – 11:15 AM)
6. Q&A/Panel Discussion: (11:15- 11:30 AM)

Please Join Us for our Session

Tuesday, June 14, 3:00 – 4:40 PM
CE42: Radiopharmaceutical Therapy in Pediatrics

Summary:

The purpose of this course is to describe the increasing use of radiopharmaceutical therapy as an effective treatment for pediatric patients with cancer. The topics are focused on administration, outcomes and clinical research. The SNMMI Annual Meeting provides a forum for sharing experiences and the spreading of ideas. After attending this course, pediatric nuclear medicine practitioners will have the knowledge to start a successful program and/or will be able to improve processes for an existing program at their home institutions resulting in delivering therapeutic radiopharmaceuticals safely and effectively to children. The intended audience is physicians, technologists, and health physics personnel of all levels

Objectives:

1. Discuss the use of targeted radionuclide therapy in children.
2. Apply knowledge to modify existing pediatric protocols.
3. Understand the unique challenges of treating children with radiopharmaceuticals.

Presenters and topics:

1. Theranostic Tips and Challenges in Pediatrics: Michele Barasch (3:00 – 3:15 PM)
2. Thyroid I131 Therapy in Pediatrics: Frederick D. Grant (3:15 – 3:30 PM)
3. I131 MIBG in Neuroblastoma – Current Clinical Trials: Susan Sharp (3:30 – 3:45 PM)
4. ¹⁷⁷Lu-Dotatate Therapy in Children: Andrew Trout (3:45 – 4:00 PM)
5. CLR-Review and Applications: Reza Vali (4:00 -4:15 PM)
6. Q&A/Panel Discussion (4:15 – 4:30 PM)

2022 Mid-Winter Meeting Recap

Update pediatric guidelines

1. Joint EANM/SIOPE/RAPNO practice guidelines/SNMMI procedure standards for imaging of pediatric gliomas using PET with radiolabeled amino acids and 18F-FDG: version 1.0 has been submitted to EJNM
2. The revised SNMMI/EANM Guideline for DMSA Renal Cortical scintigraphy is published in the Journal for Clinical and Translational

Other:

1. To start SNMMI Pediatric Imaging Council (PIC) Imaging Case Competition
2. GU Made Simple/Nucs After Dark –performed on Sunday, February 27, 2022 (co-sponsored with GCNMC)
3. To discuss the mentorship program
4. Election: Call for Nominations will go out early February for two (2) PIC Board Members (two-year term)

SNMMI Pediatric Imaging Council (PIC) Imaging Case Competition



The SNMMI Pediatric Imaging Council will be hosting its inaugural Imaging Case Competition at this year's SNMMI Annual Meeting, which takes place June 11-14, 2022, in Vancouver BC, Canada.

Please refer to the website for an example of a case

Deadline: May 14, 2022

Case Criteria:

- Case competition submissions should include nuclear medicine studies in the pediatric population but can also include additional relevant diagnostic/interventional images.

- Types of cases to consider submitting range from classic cases, unusual/uncommon cases, interesting artifacts, or medication-effects, etc.
- There is no limit to the number of cases you can submit. You do not need to be an SNMMI member to submit cases.

Top 5 winning cases:

- Showcased at the 2022 SNMMI Annual Meeting
- Cash Prize: \$100 per case
- Chance to be published in either *Clinical Nuclear Medicine* Journal or the SNMMI PIC Newsletter
- Free membership to the SNMMI Pediatric Imaging Council
- Free registration to the 2022 SNMMI Annual Meeting

Pediatric Nuclear Medicine Mentor/Mentees program

Mentorship is a key component of professional development in our field. PIC initiated a mentor and mentorship program to help members for their career development, leadership guide, and collaboration. If you are interested to join as a mentor, mentee, or both, please contact Dr. Lisa States (STATES@chop.edu), or Dr. Reza Vali (reza.vali@sickkids.ca).

There are currently four (4) mentorship groups. All have a heterogenous mix. There is clearly a need for mentorship amongst non-physicians. SNMMI members from outside the PIC are also welcomed to join the PIC mentorship program.



Return to Vancouver for Annual meeting 2022

Hope to see you there!!!



Dose Optimization Working Group, SNMMI
Pan Pacific Hotel - Gallery Board Room
June 10, 2013, Vancouver, BC, Canada

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