

CTE Session 1

Technologists Committee / Society of Nuclear Medicine and Molecular Imaging ([SNMMI](#))

Sunday, October 16, 08:00-09:30

Session Title

Tech Guide Launch

Chairpersons

Christelle Terwinghe (Leuven, Belgium)

David Gilmore (Boston, United States of America / SNMMI)

Programme

08:00 - 08:15 **David Gilmore** (Boston, United States of America / SNMMI): The Role of a Nuclear Medicine Technologist in Radionuclide Therapy Management

08:15 - 08:50 **Chloee Wendorf** (San Diego, United States of America / SNMMI): Pre- and Post-Therapy Imaging

08:50 - 09:30 **Luisa Roldao Pereira** (Royal Turnbridge Wells, United Kingdom): Hospitalisation During Radionuclide Therapy Assessment

Educational Objectives

1. Describe the role of a Nuclear Medicine Technologist in Radionuclide therapy management
2. Explain the importance of post-imaging scanning
3. Compare the settings for pre- and post-therapy scanning of ¹³¹I capsules, SIRT, PRRT and illustrate with some examples
4. Overview what is needed in RNT rooms: i.e. ventilation, lead, toilets, and what needs to be done: before and after hospitalisation
5. Describe in which conditions the patient can be dismissed and what actions are needed to be done with the room before it can be used again

Summary

Because of the increase of Radionuclide Therapy assessments, the Nuclear Medicine Technologist faces new fields of expertise and specific needs in daily practice.

Beside the diagnostic procedures which is in the technical field of expertise for the Nuclear Medicine Technologist, additional tasks in radionuclide therapy management need attention.

The EANM Technologist Committee took the opportunity to support the Nuclear Medicine Technologist in the daily management of Radionuclide therapy procedures and dedicated the Tech Guide 2022 to this specific topic.

During the session, the Tech Guide will be launched, and some chapters will be presented by the authors.

The role of the technologist in the Radionuclide management will be discussed.

In the process of Radionuclide therapy, imaging still has a crucial role in pre- and post-therapy scans and will be illustrated during the session.

Finally, the hospitalisation of the patient is an additional concern during some Radionuclide therapy procedures and request some specific needs which will be illustrated.

Key Words

Radionuclide Therapy, Hospitalisation, Post-therapy imaging