

## Seminar / Webinar

# Optimizing the Diagnostic Value of Postsurgical I-123 SPECT Thyroid Imaging and Applying Patient-Specific Dosimetry for Radioiodine Ablation of Thyroid Remnants



14 December 2021, 19:35 - 21:00 pm  
Seminar Room 1, Frederick University, Nicosia, Cyprus

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|---------------|--|
| 19:35 - 19:45 | Overview of the Project<br>Dr Yiannis Parpottas, Frederick Research Center & Frederick University  |
| 19:45 - 19:55 | Development of a neck-thyroid phantom with variable sizes of thyroid remnants<br>Constantinos Michael, Bank of Cyprus Oncology Center          |
| 19:55 - 20:10 | Open-Access Partial Volume Correction & Volume Calculation Algorithms<br>Elena Ttofi, German Oncology Center, Limassol, Cyprus                 |
| 20:10 - 20:25 | Open Access Triple-Energy-Window Correction & Dosimetric Algorithms<br>Dr Theodoros Leontiou, Frederick Research Center & Frederick University |
| 20:25 - 20:40 | Results: Volume calculation of Thyroid Remnants & I-131 Activity for Ablation<br>Dr Anastasia Hadjiconstanti, Fredrick Research Center         |
| 20:40 - 20:50 | Evaluation: Phantom & Open-Access Software<br>Dr Yiannis Iakovou, Department of Nuclear Medicine, Aristotle University of Thessaloniki, Greece |
| 20:50 - 21:00 | Discussion   |



The project was co-funded by the European Regional Development Fund and the Republic of Cyprus through the Research and Innovation Foundation (Project: EXCELLENCE /1216/0088).

All measures to limit the spread of the COVID-19 pandemic will be applied as announced by the Cyprus Government.

### Face-to-face Attendance

Free Registration including Coffee & Snacks/Sweets

Register at <https://bionuclearmed.com/seminars-registration-14dec21/>

### Online Attendance

<https://frederick.zoom.us/j/99214680947> and/or Meeting ID: 992 1468 0947 (Free Registration)

### Certificate of Attendance

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