



## Learn & Improve Professional Skills Session 3

Thyroid Committee

**Sunday, October 5, 15:00 – 16:30**

### Session Title

**Imaging Challenges in Nuclear Endocrinology**

### Chairpersons

**Murat Tuncel** (Ankara, Türkiye)

**Petra Petranović Ovčariček** (Zagreb, Croatia)

### Programme

- 15:00 – 15:30 **Petra Petranović Ovčariček** (Zagreb, Croatia): Challenges in scintigraphic imaging of hyperparathyroidism
- 15:30 – 16:00 **David Taïeb** (Marseille, France): Challenges in staging and restaging of sporadic and MEN-related MTC
- 16:00 – 16:30 **Seyfettin Ilgan** (Ankara, Türkiye): Challenges in Nuclear Endocrinology resolved by ultrasonography

### Educational Objectives

1. To learn and discuss the ultrasonographic correlates of scintigraphy in endocrine imaging.
2. To learn and discuss the pitfalls of scintigraphic imaging in parathyroid imaging.
3. To learn and discuss the added value of ultrasonography in addressing challenges in Nuclear Endocrinology.
4. To learn and discuss the role of scintigraphic imaging in medullary thyroid cancer.
5. To discuss the added value and limitations of ultrasonography in endocrine imaging.
6. To review medullary thyroid cancer and parathyroid imaging cases using new PET tracers.
7. To discuss the role of hybrid imaging in Nuclear Endocrinology.

### Summary

This session will discuss challenging cases and pitfalls in Nuclear Endocrinology. The main focus will be on medullary thyroid cancer and parathyroid imaging. Attendees will be shown cases depicting challenging scenarios in nuclear endocrinology.

New PET tracers for medullary thyroid cancer and parathyroid imaging will also be discussed. Additionally, the problem-solving role of correlative ultrasonography in challenging cases will be addressed.

### Key Words

Ultrasonography; medullary thyroid cancer; parathyroid imaging; PET; Scintigraphy