



Learn & Improve Professional Skills Session 12

Paediatrics Committee

Tuesday, October 22, 16:45 - 18:15

Session Title

Paediatric MSK: Pearls and Pitfalls

Chairpersons

Kiratli Pinar (Ankara, Turkey)

Pietro Zucchetto (Padova, Italy)

Programme

16:45 - 17:15 **Zvi Bar** (Petah Tikva, Israel):
Paediatric bone scintigraphy: when and how?

17:15 - 18:15 **Pietro Zucchetto** (Padova, Italy) & **Chiara Giraud** (Padova, Italy):
Hybrid imaging in paediatric MSK: balancing Radiology and Nuclear Medicine

Educational Objectives

1. The role of bone scintigraphy in pediatric age group in benign and malignant conditions
2. How to exploit the full potential of hybrid imaging (SPET/CT, PET/CT, PET/MR) in pediatric MSK
3. How to optimize hybrid imaging procedures in pediatrics MSK

Summary

The session will cover the main aspects of MSK scintigraphic imaging in the clinical practice, with an emphasis on the integration with radiology techniques in hybrid imaging. Clinical examples will show typical and less common patterns, including rare diseases.

The speakers will discuss the opportunities related to the introduction of whole-body SPECT/CT and LFOV PET/CT.

Key Words

Pediatrics; bone imaging; hybrid imaging; PET/CT; SPECT/CT; PET/MR