

Pitfalls & Artefacts 6

Paediatrics Committee

Thursday, October 29, 16:35-18:05

Session Title

Pitfalls and Artefacts in Paediatric Nuclear Medicine

Chairperson

Pietro Zucchetto (Padova, Italy)

Programme

- 16:35 - 17:04 Catia Olianti (Florence, Italy): Paediatric Nuclear Medicine Specificities and Image Artefacts
- 17:04 - 17:33 Ana Isabel Santos (Almada, Portugal): Imaging Artefacts in Paediatric Nuclear Medicine - Planar Imaging
- 17:33 - 18:02 Pietro Zucchetto (Padua, Italy): Imaging Artefacts in Paediatric Nuclear Medicine - SPET/CT, PET/CT and PET/MR

Educational Objectives

1. Recognize the most frequent artefacts in planar and tomographic images in Paediatric Nuclear Medicine
2. Prevent and correct the causes of image artefacts in Paediatric Nuclear Medicine.

Summary

The session will cover the artefacts most frequently seen in Paediatric Nuclear Medicine.

A discussion of the peculiarities of paediatric imaging will precede a detailed analysis of selected clinical cases, where the speakers will show how to detect the artefacts and how to correct/prevent them, from planar imaging to advanced hybrid imaging, including PET/MR.

Key Words

Paediatrics, Artefacts, Pitfalls, Planar imaging, Tomographic imaging, SPECT/CT, PET/CT, PET/MR