

Teaching Session 3

Saturday, October 24, 09:00-10:30

Session Title

A Practical Guide to MR When Interpreting PET/MR

Chairperson

Onofrio Antonio Catalano (Boston, United States of America)

Programme

- 09:00 - 09:22 Caroline A. Field Galán (Madrid, Spain): Non-Prostate Oncologic Body PET/MR. MR Needs and Expectation. The Nuclear Medicine's Perspective
- 09:22 - 09:44 Onofrio A. Catalano (Boston, United States of America): Non-Prostate Oncologic Body PET/MR. MR Needs and Expectation. The MR Expert's Perspective
- 09:44 - 10:06 Hanna Bernstine (Tel Aviv, Israel): Prostate PET/MR. MR Needs and Expectation. The Nuclear Medicine's Perspective
- 10:06 - 10:28 Liran Domachevsky (Tel Aviv, Israel): Prostate PET/MR. MR Needs and Expectation. The MR Expert's Perspective

Educational Objectives

1. Understand clinically relevant basic MR principles
2. Understand how to structure the MR portion of a PET/MR protocol
3. Understand strengths, weaknesses and interpretive principles for different MR sequences

Summary

1- Non-Prostate Body Oncology

First, a nuclear medicine physician will provide their perspective, including expectations and challenges in approaching the MR portion of PET/MR in body oncology (non prostate), as well as weaknesses of PET that might benefit from inclusion of MR. Then, a radiologist MR expert will discuss the complementary value of MR, MR protocol selection, and MR interpretation.

2- Prostate Oncology

First, a nuclear medicine physician will provide their perspective, including expectations and challenges in approaching the MR portion of PET/MR in prostate cancer, as well as weaknesses of PET that might benefit from inclusion of MR. Then, a radiologist MR expert will discuss the complementary value of MR, MR protocol selection, and MR interpretation.

Key Words

PET/MR, MRI, Oncology, Prostate, Cancer Imaging