Pre-Congress Symposium 12
Technologists Committee
Wednesday, Oct 13, 14:00-17:00

Session Title
PET/MR - The Cross Path of Morphology and Functionality

Chairperson
Rie Strand Olsen (Copenhagen, Denmark)

Programme
14:00 - 14:05 Intro by Chairperson
14:05 - 14:50 Thomas Lund Andersen (Copenhagen, Denmark): The PET/MR
14:50 - 15.15 Louise Grønnemark (Aarhus, Denmark): Performing PET/MR
15:15 - 15:40 Steven Stienaers (Leuven, Belgium): Onsite Experience with PET/MR
15:40 - 15:55 Break
15:55 - 16:25 Melanie Ganz-Benjaminsen (Copenhagen, Denmark): PET/MR Motion Correction
16:25 - 16:55 Ambros Beer (Ulm, Germany): Interpretation of PET/MR
16:55 - 17:00 Summary by Chairperson

Educational Objectives
1. Understand the scanner components and PET/MR technology in general
2. To raise awareness of how to perform PET/MR scans and understand the importance of proper patient preparation.
3. Explanation of onsite experience with PET/MR: from research to routine
4. Prospective motion correction on cerebral PET/MR
5. To raise awareness of artefacts and pitfalls during image acquisition and processing in PET/MR; the best picture for the most correct diagnosis.

Summary
In the nuclear medicine community, great enthusiasm was generated by the introduction of the positron emission tomography (PET) combined with computed tomography (CT), and the enthusiasm has not declined ever since. By the introduction of magnetic resonance imaging (MRI or MR) with PET we’re at the edge of a whole new nuclear medicine era. With the increase of the PET/MR scanners throughout Europe; makes this pre congress a valuable tool to improve the knowledge of PET/MR imaging.

In this pre-congress session the viewer will get basic knowledge of PET/MR functionality, how to perform PET/MR, motion correct head scans, first experience from a technologist perspective, and lastly the viewer will get an idea of the interpretation of PET/MR with artefacts and pitfalls in mind.

Key Words
PET/MR, Scanner components, Routine, onsite experience, prospective motion correction