

Barcelona, Spain

Annual Congress of the
European Association of Nuclear Medicine

October 12 – 16, 2019
Barcelona, Spain

Teaching Session 5 - Interactive
Neuroimaging Committee
Tuesday, October 15; 14:30-16:00

Session Title
Neuroimaging - Before Reading PET Scans

Chairpersons
Özgül Ekmekcioglu (Istanbul, Turkey)
Elsmarieke van de Giessen (Amsterdam, Netherlands)

Programme

- 14:30 - 15:00 John Dickson (London, United Kingdom): Introduction to PET/CT Acquisition of the Brain
- 15:00 - 15:30 Roland Boellaard (Amsterdam, Netherlands): Quantification for Dummies
- 15:30 - 16:00 Elsmarieke van de Giessen (Amsterdam, Netherlands): MRI and CT - Abnormal Findings Relevant for PET Reading

Educational Objectives

1. Learn the main acquisition parameters influencing brain PET results
2. Learn which different level of quantification should guide brain PET interpretation
3. Learn how multimodal imaging including CT and MRI should guide brain PET interpretation

Summary

The session will provide an overview of the relevant aspects of PET acquisition that impact PET reading, of the types and level of quantification that can and should support brain PET interpretation and on the strategies to integrate morphological and functional CT and MRI brain imaging to guide brain PET clinical reading.

Key Words

Acquisition, quantification, multimodal imaging, brain PET, brain CT, brain MRI