

AD-LEARN Mini-course for Techs and Nurses: The Value and Challenges of Brain SPECT in PET in Neurocognitive disorders	duration	speaker
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Facilitators: Markus Köhner (MK)
Daniela Ribeiro Fonseca (DRF)
Valentina Mautone (VM)

Day 1

Tuesday, May 20, 2025			
Session I – Labeling and Managing AD and MCI Radiotracers for SPET and PET			
13:00-13:20	Welcome and Introduction: The Role of Radiopharmaceuticals in AD and MCI Imaging	20	MK
13:20-14:20	Fundamentals of Radiolabelling: Techniques, Safety	60	MK
14:20-14:40	Fundamentals of Radiolabelling: Best Practices	30	MK
14:40-15:10	Advancements in SPET and PET Radiotracers for Neurocognitive Disorders: labelling and managing	30	MK
Coffee Break			10
15:20-16:10	Advancements in PET Radiotracers for Neurocognitive Disorders: labelling and managing	50	MK
16:10-16:30	Clinical applications of SPET and PET tracers for AD and MCI diagnosis	20	MK
16:30-17:10	Interactive talk: Waste Management in Nuclear Medicine: a glimpse at the European overview	40	MK
17:10-17:30	Wrap up	20	MK
End of Day 1			

Day 2

Wednesday, May 21, 2025			
Session II – AD and MCI Patients and caregivers management: technologists' role in SPET Acquisitions			
09:00-09:20	Understanding AD and MCI: Patient Care and Imaging Considerations	20	DRF
09:20-10:20	SPECT Imaging in AD and MCI Diagnosis	60	DRF
Coffee Break			10
10:30-10:50	Optimizing SPECT Protocols for Neurodegenerative Disease Assessment	20	DRF
10:50-11:20	Interactive Session: Challenges in Patient and Caregiver Management	30	DRF
11:20-11:40	The Technologists' Role in SPECT Acquisition and Image Optimization	20	DRF
11:40-12:40	Advanced Case Reading: Clinical Scenarios and Best Practices	60	DRF
Session III – AD and MCI Patients and caregivers management: technologists' role in PET/CT and PET/MR Acquisitions			
12:40-13:00	Fundamentals of PET/CT and PET/MR in AD and MCI Imaging	20	VM
13:00-13:30	Interactive Discussion: Managing Patients and Caregivers in Hybrid Imaging	30	VM
Lunch Break			30
14:00-14:20	Optimizing PET/CT and PET/MR Acquisition Protocols for Neurodegenerative Disorders	20	VM
14:20-14:50	Interactive Session: Overcoming Challenges in PET Imaging for AD and MCI	30	VM
14:50-15:10	Technologists' Role in Imaging Quality and Artifact Reduction in PET/MR	20	VM
15:10-16:10	PET/CT and PET/MR Applications in AD and MCI Diagnosis	60	VM
16:10-16:30	Wrap up	20	VM
End of Day 2			