IAEA/ESNM Webinar Series on basic NM

Introduction to Nuclear Medicine in Neurology:
bases for clinical use

Take home messages

• Standardization of PET/SPECT procedures is needed (first step for a correct interpretation of the data in nuclear neurology)
• Qualitative-visual imaging reading ➔ to be supported by semiquantitative/objective methods (softwares/comparison with CTR group)
• Brain PET/SPECT imaging allows identification of disease patterns in preclinical stage of neurodegenerative diseases
• High sensitivity and functional nature of Brain PET/SPECT imaging allow identification of functional alterations in case of inconclusive structural imaging findings (i.e. epilepsy, brain tumors)