



Joint Symposium 6

Neuroimaging Committee / European Academy of Neurology (EAN)

Wednesday, September 13, 08:00 – 09:30

Session Title

Progress in Multimodal Imaging of Parkinson's Disease

Chairpersons

Henryk Barthel (Leipzig, Germany)

Elsmarieke van de Giessen (Amsterdam, Netherlands)

Programme

08:00 - 08:30 **Elsmarieke van de Giessen** (Amsterdam, Netherlands): Novel MR Techniques to Image Parkinson's Disease

08:30 - 09:00 **Rezzak Yilmaz** (Ankara, Türkiye): Transcranial Sonography to Image Parkinson's Disease

09:00 - 09:30 **Ian Law** (Copenhagen, Denmark): Novel PET Tracers to Image Parkinson's Disease

Educational Objectives

1. Understand the need for imaging in Parkinson's disease
2. Get an overview on the different imaging novelties currently developed to improve Parkinson's disease diagnosis
3. Discuss the Pros & Cons of the different novel Parkinson's disease imaging techniques

Summary

Parkinson's disease is one of the most prevalent neurodegenerative disorders. Imaging-based diagnosis is considered as very helpful especially for early disease detection and differential diagnosis. In this context, novel MR imaging techniques, transcranial sonography and novel PET imaging tracers are currently evaluated. In this symposium, these promising tools will be discussed.

Key Words

Parkinson, MRI, sonography, dopamine, PET