



Special Track Session 12

Neuroimaging Committee

Tuesday, October 20, 16:45–18:15

Session Title

Debate: Early Amyloid and Tau (Perfusion) vs FDG PET

Moderators

Donatienne Van Weehaeghe (Gent, Belgium)

Igor Yakushev (Munich, Germany)

Point of view: Early amyloid and Tau Perfusion Imaging Can be Reliably Used as a Proxy for FDG

Silvia Morbelli (Turin, Italy)

Point of view: Early Amyloid and Tau Perfusion Imaging Cannot be Substitute of FDG

Henryk Bartel (Dessau-Roßlau, Germany)

Educational Objectives

1. How to acquire early phase amyloid and tau scans?
2. How do early phase amyloid/tau scans differ from FDG scans?
3. Are early phase amyloid/tau scans interchangeable? When to use which?

Summary

Early perfusion amyloid-and tau scans reflect cerebral perfusion and can be used as a FDG proxy. It is emerging as a valuable tool to potentially capture patients' neurodegeneration patterns together with the amyloid or tau status, allowing same-day, same-tracer categorization of two biomarkers. However, subtle variations between early phase and FDG PET scans are observed, mainly in the subcortical and occipital regions and may complicate interpretation. During this session we will discuss the acquisition and interpretation of early phase scans and debate when to use them.

Key Words

Tau; Amyloid; FDG; Early Phase