

Special Track Session 6

Cardiovascular Committee

Monday, October 6, 09:45 – 11:15

Session Title

Debate: Myocardial Perfusion Imaging: Should I Stay With SPECT or Go for PET?

Moderators

Johanna Diekmann (Hannover, Germany)

Fabien Hyafil (Paris, France)

Point of view: 'I should definitely stay with SPECT for myocardial perfusion imaging.'

Matthieu Bailly (Orléans, France)

Point of view: 'I should definitely move to PET for myocardial perfusion imaging.'

Parthiban Arumugam (Manchester, United Kingdom)

Educational Objectives

1. Provide an overview of the key information that can be obtain with SPECT-MPI for the management of patients with CAD
2. Provide an overview of the key information that can be obtain with SPECT-MPI for the management of patients with CAD
3. Understand the advantages and limitations of SPECT-MPI and PET-MPI

Summary

At a time when PET tracers are becoming more readily available in Europe, the experts selected for this session will debate on the advantages and limitations of PET-MPI compared to SPECT-MPI in terms of diagnostic performance and cost-effectiveness for the management of patients with coronary artery disease. They will also be challenged on whether SPECT-MPI will replace PET-MPI or if each imaging technique has its role and, if so, which patient profile may benefit the most from each technology.

Key Words

Myocardial perfusion imaging; SPECT; PET; coronary artery disease