

LIPS Session 2
Cardiovascular Committee
Sunday, October 18, 09:45–11:15

Session Title
Tips and Tricks to Set Up a Cardiac PET Program on MPI

Chairpersons
Samia Massalha (Haifa, Israel)
Federico Caobelli (Bern, Switzerland)

Programme
09:45–10:05 **Fabien Hyafil** (Paris, France): The Physician Point of View
10:05–10:25 **Marta Coelho** (Essen, Germany): The Technician Point of View
10:25–10:45 **Mark Lubberink** (Uppsala, Sweden): The Physicist Point of View
10:45–11:05 **Fabien Hyafil** (Paris, France): The Radiopharmacist Point of View
11:05–11:15 Round Table

Educational Objectives
1. To understand the clinical, technical and organisational prerequisites for establishing a cardiac PET myocardial perfusion imaging service.
2. To recognise the practical workflow, infrastructure, quality assurance and multidisciplinary collaboration needed for implementation in routine practice.
3. To identify common pitfalls and practical solutions from the perspectives of the physician, technician, physicist and radiopharmacist.

Summary
Cardiac PET myocardial perfusion imaging is becoming increasingly relevant in contemporary cardiovascular imaging, but successful implementation requires coordinated expertise across multiple professional domains. This LIPS session offers a practical roadmap for setting up a cardiac PET MPI programme, covering clinical indications and reporting, patient workflow and handling, scanner physics and quantitative aspects, and radiopharmaceutical production and logistics. By integrating the perspectives of the physician, technician, physicist and radiopharmacist, the session aims to help centres translate cardiac PET from concept to safe and efficient clinical practice.

Key Words
Cardiac PET; Myocardial Perfusion Imaging; Implementation; Workflow; Physics; Radiopharmacy; Quality Assurance; Multidisciplinary Team