



Cardiac PET Study Day

This course is aimed at anyone who wishes to learn about the role of PET in cardiology, with a particular emphasis on assessment of coronary artery disease. It is suitable for trainees and consultants in nuclear medicine, radiology and cardiology, as well as radiographers and technologists.

Venue: Keble College, Oxford OX1 3PG

Date and time: Wednesday 25th March 2020 09:00 – 17:00

Cost: £100, including refreshments and lunch

Course organiser: Parthi Arumugam Manchester University NHS FT

Perfusion PET – Chair Dr P Arumugam

09.00 – 09.30 *PET, MBF and beyond - basic physics of radionuclide cardiac PET imaging* – Matthew Memmott, Senior Physicist, Nuclear Medicine Centre, MUFT, Manchester

09.30 -10.00 *PET myocardial perfusion imaging - overview of protocols and indications* – Dr Parthi Arumugam, Nuclear Medicine Physician, Nuclear Medicine Centre, MUFT, Manchester

10.00 – 10.20 *-CT in Nuclear Medicine - But WHY!* – Matthew Memmott, Senior Physicist, Nuclear Medicine Centre, MUFT, Manchester

Coffee break

11.00- 12.30 - *Learn with cases - Myocardial perfusion PET in clinical practice*

Lunch Break

Cardiac Inflammation and Infection imaging with PET – Chair Dr K Wechalekar

13.30 to 14.00 *-FDG PET in cardiac imaging - promising or problematic - tracer characteristics, patient preparation and imaging protocols* Dr Kshama Wechalekar, Consultant Nuclear Medicine Physician, Royal Brompton Hospital

14.30 to 15.30 *-Cardiac sarcoidosis - Use of PET imaging - learn with cases* – Dr William Moody, Consultant Cardiologist, Queen Elizabeth Hospital Birmingham and Dr K Wechalekar

Coffee break

16.00 to 16.30 - *Cardiac device infection and Prosthetic valve endocarditis - When to use FDG PET* – Dr Fozia Ahmed, Consultant Cardiologist, MUFT, Manchester

16.30 – 16.50 - *Role of NaF PET in atherosclerosis and valve disease* – Prof David Newby, Centre of Cardiovascular Science, Edinburgh