British Nuclear Cardiology Society

Nuclear Cardiology: Core Curriculum

Venue:	Keble College, Oxford OX1 3PG
Date and time:	Sunday 12th September 2021 09:00 – 17:00
Cost:	£100, including refreshments and lunch
Registration:	bsci.org.uk

Course organisers: Andrew Kelion & Nik Sabharwal
Oxford University Hospitals

This course is aimed at cardiology and radiology trainees requiring core (level 1) training in nuclear cardiology. Essential technical aspects will be covered, but there will be a heavy emphasis on case-based learning.

The programme will cover:

- Radiopharmaceuticals and cardiac stress for MPS
- SPECT acquisition, processing and display
- How to report MPS
- Indications for MPS in 2020
- MPS cases:
    - Diagnosis and prognosis
    - Known CAD
    - Perils and pitfalls
    - Heart failure
- Nuclear cardiology beyond MPS

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Programme

09:00 – 09:10	Welcome and Introduction	AK
09:10 – 09:30	Dynamic and pharmacological stress	NS
09:30 – 09:50	Radiopharmaceuticals and radiation protection	NS
09:50 – 10:10	Gamma cameras, image acquisition and processing	AK
10:10 – 10:30	How to report MPS	AK
10:30 – 11:00	COFFEE	
11:00 – 12:00	Cases (1)	NS
12:00 – 13:00	Cases (2)	AK
13:00 – 13:45	LUNCH	
13:45 – 14:45	Cases (3)	NS
14:45 – 15:45	Cases (4)	AK
15:45 – 16:15	TEA	
16:15 – 17:00	Beyond MPS: ERNV, MIBG, DPD, PET	NS

This course provides 7 CPD credits in accordance with the CPD Scheme of the Royal College of Radiologists

Learning outcomes

Understand the principles of choosing and performing safe dynamic and pharmacological stress testing for MPS

Understand the tracers and protocols used in MPS, and their strengths and weaknesses

Understand the principles of gamma camera imaging, and SPECT processing and interpretation

Know the indications for MPS, and its strengths and weaknesses in different clinical situations

Be able to interpret simple SPECT studies and know some of the pitfalls

Have a knowledge of nuclear cardiology investigations other than MPS