



British Nuclear Cardiology Society

Nuclear Cardiology: Core Curriculum

Venue: Mercure Hotel, Sheffield

Date and time: Wed 18th September 2024 09:00 – 17:00

Cost: £100, including refreshments and lunch

Registration: bsci.org.uk

Course organisers: Andrew Kelion*, Nik Sabharwal* & Andrew Crean†

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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 SPECT and PET MPS
- SPECT and PET acquisition, processing and display
- How to report SPECT and PET MPS
- SPECT and PET MPS cases:
 - Diagnosis and prognosis
 - Known CAD
 - Perils and pitfalls
 - Heart failure
- Other nuclear cardiology tests: ERNV, MIBG, DPD

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Programme

09:00 – 09:15	Welcome and Introduction	AK
09:15 – 09:30	Dynamic and pharmacological stress	NS
09:30 – 09:45	Radiopharmaceuticals for SPECT	NS
09:45 – 10:00	Radiopharmaceuticals for PET	AC
10:00 – 10:15	Gamma cameras, image acquisition and processing	AK
10:15 – 10:30	PET scanners, image acquisition and processing	AC
10:30 – 11:00	COFFEE	
11:00 – 11:15	How to report SPECT MPS	AK
11:15 – 12:45	SPECT MPS cases (1)	NS
12:45 – 13:30	LUNCH	
13:30 – 15:00	SPECT MPS cases (2)	AK
15:00 – 15:15	How to report PET MPS: The additional value of absolute perfusion	AC
15:15 – 15:45	TEA	
15:45 – 16:45	PET MPS cases	AC
16:45 – 17:00	Other nuclear cardiology investigations: ERNV, MIBG, DPD	NS