

	Flow (ml/g/min)				Reserve	
	Stress		Rest		mean	std dev.
	mean	std dev.	mean	std dev.		
LAD	1.88	0.39	1.03	0.21	1.91	0.54
LCX	1.77	0.39	1.01	0.15	1.79	0.45
RCA	0.77	0.45	0.85	0.14	0.88	0.41
Global	1.59	0.61	0.98	0.19	1.63	0.65

CURRENT TRENDS IN NUCLEAR CARDIOLOGY VIRTUAL EVENT

HOSTED BY THE BIR IN ASSOCIATION WITH
AMERICAN SOCIETY OF NUCLEAR CARDIOLOGY (ASNC)

CPD: 3 CREDITS



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Welcome to the first joint BIR/ASNC Nuclear Cardiology Clinical Update 2021! This half-day virtual event will cover the existing and new exciting applications in the fields of PET myocardial perfusion, infection and inflammation imaging as well as SPECT in CAD and amyloidosis.

Our renowned international multidisciplinary faculty of expert imaging cardiologists and nuclear medicine physicians will provide a comprehensive overview of radionuclide PET and SPECT imaging in various cardiovascular diseases.

Attendees will be able to appreciate the strengths and understand the appropriate use of cardiovascular radionuclide imaging.

This virtual event will be of interest to all nuclear medicine physicians; radiologists – both consultants and trainees and cardiologists with special interest in imaging; trainees, clinical physicists, technologists and healthcare managers.

Educational aims:

- To understand the appropriate guidelines-based use of nuclear cardiology imaging for patients with known or suspected CAD using SPECT and PET.
- To understand the appropriate guidelines-based use of nuclear cardiology imaging for patients with suspected cardiac infection/inflammation and cardiac amyloidosis.
- At the conclusion of the webinar, the participant will have a better understanding of the role of nuclear cardiology in various clinical settings.

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Programme Organisers

Dr Parthiban Arumugam, Clinical Director and Consultant Nuclear Medicine Physician,
Manchester University NHS Foundation Trust, Manchester, UK

Dr Gopinath Gnanasegaran, Consultant Physician in Nuclear Medicine, Royal Free
London NHS Foundation Trust, London, UK

Dr Sharmila Dorbala, Immediate Past President-American Society of Nuclear
Cardiology; Associate Professor, Harvard Medical School and Brigham and Women's
Hospital, Boston, USA

Dr Randall C Thompson, President - American Society of Nuclear Cardiology
Saint Luke's Cardiovascular Consultants, Kansas City, USA

Moderators

Professor Jamshed Bomanji, Clinical Lead and Head of Department at the Institute of
Nuclear Medicine, University College London Hospitals NHS Foundation Trust, UK

Dr Gopinath Gnanasegaran, Consultant Physician in Nuclear Medicine, Royal Free
London NHS Foundation Trust, London, UK

- 14:00** **Welcome and introduction**
Dr Parthiban Arumugam, Clinical Director and Consultant Nuclear Medicine Physician, Manchester University NHS Foundation Trust, Manchester, UK
- 14:05** **Nuclear Cardiology Practice - Current guidelines: a European perspective**
Nik Sabharwal, MD, Oxford University Hospitals NHS Foundation Trust, UK
- 14:20** **Nuclear Cardiology Practice - Current guidelines: an American perspective**
Rupa Sanghani, MD, FASNC, Rush University Medical Center, Chicago, Ill
- 14:35** **MPI SPECT: Role in the era of hybrid imaging and quantitative PET**
Randall Thompson, MD, FASNC, ASNC President, Saint Luke's Mid America Heart Institute, Kansas City, MO
- 15:05** **Cardiac perfusion PET-CT: what can it offer beyond MPI SPECT**
Parthiban Arumugam, MD, Manchester University NHS Foundation Trust, UK
- 15:35** **Break**
- 15:40** **Molecular Imaging in Cardiac Sarcoidosis**
Edward J. Miller, MD, PhD, FASNC, Yale University School of Medicine, New Haven, CT
- 16:00** **Molecular Imaging in Cardiac Amyloidosis**
Brett Sperry, MD, Saint Luke's Mid America Heart Institute, Kansas City, MO
- 16:20** **Cardiac device infection and Infective endocarditis: when to use FDG PET-CT**
Sharmila Dorbala, MD, MASNC, ASNC, Immediate Past President, Brigham & Women's Hospital, Harvard Medical School, Boston, MA
- 16:40** **Break**
- 16:45** **Cases that effected patient management**
A Iain McGhie, MD, Saint Luke's Mid America Heart Institute, Kansas City, MO

Panithaya Chareonthaitawee, MD, Mayo Clinic, Rochester, MN

Jamieson Bourque, MD, MPH, FASNC, University of Virginia Health Systems Charlottesville, VA

Kshama Wechalekar MD, Royal Brompton and Harefield Hospitals, London, UK
- 17:15** **Closing remarks**
Dr Gopinath Gnanasegaran, Consultant Physician in Nuclear Medicine, Royal Free London NHS Foundation Trust, London, UK
- 17:20** **Close of event**

Programme Organisers



Dr Parthiban Arumugam



Dr Gopinath Gnanasegaran

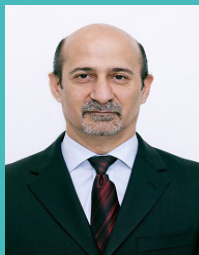


Dr Sharmila Dorbala



Dr Randall C Thompson

Moderators



Professor Jamshed Bomanji



Dr Gopinath Gnanasegaran

Detailed speaker biographies and photos can be found on the BIR event webpage

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