

Cardiology Update

Royal Brompton & Harefield 
NHS Foundation Trust

22
LONDON

Event endorsed by



The 6th Royal Brompton & Harefield Christmas Postgraduate Course

The Royal Society of Medicine,
1 Wimpole St, Marylebone, London
December 12th–13th, 2022

Course Directors

Prof. Thomas F. Lüscher, FRCP, FESC
Dr. Richard Grocott–Mason, FRCP
Prof. Kim Fox, FRCP, FESC
Prof. Bernard J. Gersh, FACC
Dr. Peter Libby, FACC

Scientific Coordination

Dr. Ruth Amstein, FESC



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HEART HOUSE
LONDON
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THE YEAR IN CARDIOLOGY REVIEW

Dear Colleagues

It is a real pleasure to welcome you to the 6th Christmas Postgraduate Course of the Royal Brompton and Harefield NHS Foundation Trust & Imperial College, the Cardiology Update London.

Cardiology and cardiovascular medicine in general is a rapidly expanding field with impressive developments and innovations over the last years. For physicians, be it general practitioners, cardiologists or cardiac surgeons, it is therefore important to keep pace with a challenging environment. To that end, we have designed a postgraduate course, the Cardiology Update London, to summarize, at the end of the year, the most important new developments, innovations, but also failures that will all affect cardiovascular diagnosis and management in our everyday practice.

We have selected an international Faculty of high standing experts both from the Trust and worldwide, covering the broad spectrum of cardiovascular medicine from prevention to intervention, from valvular heart disease to heart failure, and from conservative management to intervention and surgical operations. Thus, the course will give an up-to-date overview about current diagnosis and management of the most important cardiovascular conditions during two days in London.

We are delighted to welcome you at the Royal Society of Medicine in central London to enjoy two days of interactive education for the benefit of your practice and your patients.

Yours sincerely,



Prof. Thomas F. Lüscher
MD, FRPC, FESC



Dr. Richard Grocott-Mason
MD, FRCP



Prof. Kim Fox
MD, FRCP, FESC



Dr. Ruth Amstein
FESC



Prof. Bernard J. Gersh
FACC



Dr. Peter Libby
FACC

12		13	
Monday, December 12 th (UK Time)		Tuesday, December 13 th (UK Time)	
08:30	Welcome Address Opening Lectures <ul style="list-style-type: none"> Frontiers in cardiovascular science 	08:30	SESSION 4 Arrhythmias, Sudden Cardiac Death <ul style="list-style-type: none"> The ESC Guidelines on Ventricular Arrhythmias and SCD Myocardial fibrosis and SCD Long Covid, PODS Atrial fibrillation 2022
09:45	COFFEE	10:30	COFFEE
10:15	SESSION 1 Risk Factors and Prevention <ul style="list-style-type: none"> Dyslipidaemias Lipoprotein(a) Heart age 	11:00	SESSION 5 Valve Disease <ul style="list-style-type: none"> Advanced imaging in aortic stenosis TAVI, the default option in AS? Mitral valve disease Tricuspid regurgitation
12:30	Satellite Symposium	12:30	Satellite Symposium
13:15	LUNCH BREAK	13:15	LUNCH BREAK
14:00	SESSION 2 Acute and Chronic Coronary Syndromes <ul style="list-style-type: none"> Diagnostic procedures and imaging What is predictive in CCS? Acute management of ACS Antithrombotic therapy 	14:00	The Paul Hamilton Wood Lecture The HF Saga (M. Packer)
		14:30	SESSION 6 Heart Failure: Established and Novel Drugs/Advanced Stage <ul style="list-style-type: none"> Guideline-directed medical therapy New and emerging therapies Mechanical circulatory support for destination therapy
16:15	COFFEE	15:45	COFFEE
16:45	Satellite Symposium		
17:15	SESSION 3 The new ESC Guidelines <ul style="list-style-type: none"> Pulmonary Hypertension Cardiovascular Management of patients with non-cardiac surgery Cardio-Oncology 	16:00	SESSION 7 Heart, Kidney and Amyloidosis <ul style="list-style-type: none"> Kidney protection by SGLT2 Inhibitors Clinical use of biomarkers in HF Transthyretin amyloidosis
18:30	NETWORKING RECEPTION	17:15	ADJOURN

Monday, December 12th, 2022 (UK time)

Venue: The Royal Society of Medicine

08:30 – 08:45		
Welcome Address		
08:30	Welcome by the ESC President-Elect	Thomas F. Lüscher, London
08:40	Learning objectives and assessment	Ruth Amstein, Zurich
08:45 – 09:45		
Opening Lectures: Frontiers in Cardiovascular Science		
Chairs: Thomas F. Lüscher, London and Filippo Crea, Rome		
08:45	Opening Lecture 1: The vulnerable patient: Imaging residual inflammatory cardiovascular risk	Charalambos Antoniades, Oxford
09:15	Opening Lecture 2: Digital health in current clinical practice	Martin Cowie, London
09:45 – 10:15		
COFFEE BREAK		
10:15 – 12:30		
Session 1: Risk Factors and Prevention		
Chairs: Mahmoud Barbir, Harefield and Ulf Landmesser, Berlin		
10:15	Mischief in the marrow: A root of cardiovascular diseases	Peter Libby, Boston
10:35	RNA interference to treat hyperlipidaemia	Ulf Landmesser, Berlin
10:55	Novel antilipidaemic drugs	François Mach, Geneva
11:15	Lipoprotein(a) – the Cinderella of lipid management (Apollo Trial)	Børge Nordestgaard, Copenhagen
11:35	Heart age: A new concept to implement prevention	John Deanfield, London
11:55	Panel Discussion	
12:30 – 13:15		
Industry Sponsored Symposium		
13:15 – 14:00		
LUNCH BUFFET		
14:00 – 16:15		
Session 2: Acute and Chronic Coronary Syndromes		
Chairs: Richard Grocott-Mason, London and Peter Libby, Boston		
14:00	Which imaging modality to diagnose ischemia? (PACIFIC and DISCHARGE Trials)	Ibrahim Danad, Amsterdam
14:15	What is predictive in CCS: Ischemia or coronary anatomy?	Bernard J. Gersh, Rochester MN
14:30	Supported PCI in cardiogenic shock (interactive voting)	Mohammed Majid Akhtar, London

14:45	Inflammation and ACS	Filippo Crea, Rome
15:00	Acute management of ACS: What we think we know and what we would like to know in the future	Adrian Banning, Oxford
15:15	Effects of PCSK9 inhibition on coronary atherosclerosis and AMI (PACMAN AMI Trial)	Lorenz Räber, Berne
15:30	Towards personal antithrombotic management in ACS	Thomas F. Lüscher, London
15:45	Panel discussion	

16:15 – 16:45 COFFEE BREAK

16:45 – 17:15 Industry Sponsored Symposium

17:15 – 18:30 Session 3: The new ESC 2022 Guidelines

Chairs: François Mach, Geneva and Bernard J. Gersh, Rochester MN

17:15	Pulmonary Hypertension	Stephan Rosenkranz, Cologne
17:30	Q & A	
17:40	Cardio-Oncology	Alexander Lyon, London
17:55	Q & A	
18:05	Cardiovascular management of patients with non-cardiac surgery	Julinda Mehilli, Landshut-Achdorf
18:20	Q & A	

18:30 GET TOGETHER RECEPTION

Tuesday, December 13th, 2022 (UK time)

08:30 – 10:30 Session 4: Arrhythmias, Sudden Cardiac Death

Chairs: A. John Camm, London and Vias Markides, London

08:30	2022 ESC Guidelines on Ventricular Arrhythmias and SCD	Jacob Tfelt-Hansen, Copenhagen
08:50	My patient with ventricular arrhythmias (interactive voting)	Shouvik Halder, London
09:10	Myocardial fibrosis and SCD	Sanjay Prasad, London

09:30	Long Covid, PODS and other conditions	Betty Raman, Oxford
09:50	Atrial fibrillation 2022	Gerhard Hindricks, Leipzig
10:10	Panel discussion	

10:30 – 11:00 COFFEE BREAK

11:00 – 12:30 **Session 5: Valve Disease**
Chairs: Miles Dalby, London and Volkmar Falk, Berlin

11:00	Advanced imaging in aortic stenosis	Jeroen J. Bax, Leiden
11:20	TAVI, the default option in aortic stenosis?	Stephan Windecker, Berne
11:40	Mitral valve disease: Knife or clip?	Francesco Maisano, Milano
12:00	Tricuspid regurgitation, a new therapeutic target	Georg Nickenig, Bonn
12:20	Panel discussion	

12:30 – 13:15 **Industry Sponsored Symposium**

13:15 – 14:00 LUNCH BUFFET

14:00 – 14:30 **The Paul Hamilton Wood Lecture**
Chairs: Bernard J. Gersh, Rochester MN and Thomas F. Lüscher, London

	The Heart Failure Saga	Milton Packer, Dallas
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14:30 – 15:45 **Session 6: Heart Failure: Established and Novel Drugs/Advanced Stage**
Chairs: Paul Kalra, Portsmouth and Giuseppe Rosano, London

14:30	Guideline-directed medical therapy in HFrEF	Theresa McDonagh, London
14:50	New and emerging therapies in HF: Cyclic GMP activation and beyond	Piotr Ponikowski, Wroclaw
15:10	Mechanical circulatory support for destination therapy	Volkmar Falk, Berlin
15:30	Panel discussion	

15:45 – 16:00 COFFEE BREAK

16:00 – 17:15	Session 7: Heart, Kidney and Amyloidosis	
	Chairs: Bernard J. Gersh, Rochester and Antonis Pantazis, London	
16:00	Kidney protection by SGLT2 inhibitors	Christoph Wanner, Würzburg
16:20	Clinical use of biomarkers in HF	Alan Maisel, San Diego
16:40	Transthyretin amyloidosis: Diagnosis and outcome	Martha Grogan, Rochester MN
17:00	Panel discussion	
17:15	WRAP-UP AND ADJOURN	
	Thomas F. Lüscher, London	

Satellite Symposia

Monday, December 12th, 2022

12:30 – 13:15	Industry Sponsored Symposium: Cardio-renal disease	
	This is a promotional symposium sponsored and organised by AstraZeneca	
12:30 – 13:15	Improving outcomes for your patients with cardio-renal disease	Carol Whelan, London
16:45 – 17:15	Industry Sponsored Symposium: Hereditary Transthyretin-Mediated Amyloidosis: New horizons with RNAi therapeutics	
	Sponsored by Alnylam Chair: Carol Whelan, London	
16:45	Efficacy of patisiran on cardiac structure and function in hATTR amyloidosis: The APOLLO-B Study	Martha Grogan, Rochester MN
17:00	Beneficial effect of Vutrisiran on cardiac parameters and optimised dosage schedule (HELIOS-A Study)	Carol Whelan, London

Tuesday, December 13th, 2022

12:30 – 13:15	Industry Sponsored Symposium: CRT	
	Sponsored by Abbott	
12:30 – 13:15	CRT results are great – but could they be better?	Niraj Varma, London

Mohammed Majid Akhtar
London, UK

Charalambos Antoniades
Oxford, UK

Adrian Banning
Oxford, UK

Mahmoud Barbir
London, UK

Jeroen J. Bax
Leiden, NL

A. John Camm
London, UK

Martin Cowie
London, UK

Filippo Crea
Rome, IT

Miles Dalby
London, UK

Ibrahim Danad
Amsterdam, NL

John E. Deanfield
London UK

Volkmar Falk
Berlin, DE

Kim Fox
London, UK

Bernard J. Gersh
Rochester MN, USA

Richard Grocott-Mason
London, UK

Martha Grogan
Rochester MN, USA

Shouvik Haldar
London, UK

Gerhard Hindricks
Leipzig, DE

Paul Kalra
Portsmouth, UK

Ulf Landmesser
Berlin, DE

Peter Libby
Boston, USA

Thomas F. Lüscher
London, UK

Alexander Lyon
London, UK

François Mach
Geneva, CH

Francesco Maisano
Milan, IT

Alan S. Maisel
San Diego, USA

Vias Markides
London, UK

Theresa A. McDonagh
London, UK

Julinda Mehilli
Landshut, DE

Georg Nickenig
Bonn, DE

Børge Nordestgaard
Herlev, NL

Milton Packer
Dallas, USA

Antonis Pantazis
London, UK

Piotr Ponikowski
Wroclaw, PL

Sanjay Prasad
London, UK

Lorenz Räber
Berne, CH

Betty Raman
Oxford, UK

Giuseppe Rosano
London, UK

Stephan Rosenkranz
Cologne, DE

Jacob Tfelt-Hansen
Copenhagen, DK

Niraj Varma
London, UK

Christoph Wanner
Würzburg, DE

Carol Whelan
London, UK

Stephan Windecker
Berne, CH

Registration

Registrations can be made exclusively online on our website: www.cardiologyupdate.uk

Early registration fee (until November 11, 2022)	GBP 250
Regular registration fee	GBP 300
Residents, students (age < 35) early fee*	GBP 100
Residents, students (age < 35) regular fee*	GBP 150
Day ticket	GBP 150

* ID proof required

Registration will be confirmed upon receipt of payment.

ESC / Association Members

Early fee ESC / Association Members (until November 11, 2022)	GBP 200
Regular fee ESC / Association Members	GBP 250

Group Registration

For group registrations a minimum of 10 participants is required.

Regular registration fee	GBP 260
Early registration fee (until November 11, 2022)	GBP 210

Please contact Mrs. Nadine-Estelle Abea (nadine-estelle.abea@zhz.ch) at the Zurich Heart House to obtain further information.



Modification & Cancellation

All modifications or cancellations must be notified in writing (by mail, fax or e-mail) to the Zurich Heart House. For each modification requested by the participant, GBP 50 will be charged for administrative costs. In case of cancellation up to **1th of November 2022**, deposits will be refunded less 35% for administrative costs. After this date, no refund will be possible.

Accreditation

The Cardiology Update London is recognised by the following institutions as accredited continuing education:

- Federation of the Royal Colleges of Physicians of the United Kingdom for CPD credits
13 category 1 (external) CPD credits
- EACCME-UEMS
European Accreditation Council for Continuing Medical Education (EACCME®)
13 European CME credits (ECMEC®s)



Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

- British Cardiovascular Society



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Venue

The Royal Society of Medicine,
1 Wimpole St, Marylebone, London W1G 0AE, United Kingdom

Organisation

Zurich Heart House, Foundation for Cardiovascular Research

Dr. Ruth Amstein (ruth.amstein@zhh.ch)

Nadine-Estelle Abea (nadine-estelle.abea@zhh.ch)

Hottingerstrasse 14, CH-8032 Zurich, Switzerland

Phone +41 (0) 44 250 40 95, Fax +41 (0) 44 250 40 90

www.cardiologyupdate.uk

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