

Cardiology Update

Royal Brompton & Harefield 
NHS Foundation Trust

20
LONDON

Event endorsed by



VIRTUAL MEETING

The 4th Royal Brompton & Harefield Christmas Postgraduate Course

December 14th– 15th, 2020

Course Directors

Thomas F. Lüscher, MD, FRCP, FESC

Richard Grocott–Mason, MD, FRCP

Kim Fox, MD, FRCP, FESC

Bernard J. Gersh, MD, FACC

Peter Libby, MD, FACC

Programme Director

Ruth Amstein, PhD, FESC



ZÜRICH
HEART HOUSE
LONDON
HEART HOUSE



THE YEAR IN CARDIOLOGY REVIEW

Dear Colleagues

It is a real pleasure to announce the 4th 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 cardio vascular 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 entire spectrum of cardiovascular medicine from prevention to intervention, from valvular heart disease to heart failure, and from conservative management to intervention and surgical procedures. Thus, the course will give an up-to-date overview about current diagnosis and management of the most important cardiovascular conditions during two days.

We would be most happy to welcome you 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



Dr. Bernard J. Gersh
FACC



Dr. Peter Libby
FACC

14 Monday, December 14 th		15 Tuesday, December 15 th	
08:30	<p>Welcome Address</p> <ul style="list-style-type: none"> Learning objectives and assessment <p>Opening Lectures</p> <ul style="list-style-type: none"> Frontiers in cardiovascular science Gender aspects and genetics in CV medicine 	08:30	<p>SESSION 4</p> <p>Valvular Heart Disease:</p> <ul style="list-style-type: none"> Imaging of aortic stenosis Managing aortic valve disease Tricuspid regurgitation Mitral regurgitation
09:45	COFFEE	10:00	COFFEE
10:15	<p>SESSION 1</p> <p>Risk Factors and Prevention</p> <ul style="list-style-type: none"> Hypertension Dyslipidaemias Diabetes, obesity Triglycerides on the rise Sports Cardiology (ESC Position Paper) 	10:30	<p>SESSION 5</p> <p>COVID-19 and Cardiovascular Disease</p> <ul style="list-style-type: none"> Virus Infection and myocarditis Cardiovascular disease and COVID-19 RAAS inhibitors and COVID-19
12:15	Satellite Symposium	12:15	Satellite Symposium
13:00	LUNCH BREAK	13:00	LUNCH BREAK
14:00	<p>SESSION 2</p> <p>Acute and Chronic Coronary Syndromes</p> <ul style="list-style-type: none"> NSTE ACS (new ESC Guidelines) Duration of DAPT and anticoagulation PCI and chronic coronary syndromes Coronary CT Left main disease 	13:45	The Paul Hamilton Wood Lecture
		14:15	<p>SESSION 6</p> <p>Chronic Heart Failure</p> <ul style="list-style-type: none"> The clinical spectrum of HF New drugs for diabetes and HF New drugs for HFrEF
16:15	COFFEE	15:45	COFFEE
16:45	<p>SESSION 3</p> <p>Arrhythmias</p> <ul style="list-style-type: none"> Atrial fibrillation: (new ESC Guidelines) Stroke prevention in AF Arrhythmia pearls Personalised ICD implantation 	16:00	<p>SESSION 7</p> <p>INOCA/ ESC Guidelines</p> <ul style="list-style-type: none"> Management of INOCA patients New ESC Guidelines 2020 on ACHD Acute pulmonary embolism including COVID-19 considerations and ESC Guidelines
18:30	NETWORKING RECEPTION	17:00	ADJOURN

Monday, December 14th, 2020

08:30 – 08:45 Welcome Address

Thomas F. Lüscher, London

08:35	Cardiology post Covid-19: The ESC President's view	Stephan S. Achenbach, Erlangen
-------	--	--------------------------------

08:45 – 09:45 Opening Lectures: Frontiers in Cardiovascular Science

Chairs: Stephan S. Achenbach, Erlangen and Kim Fox, London

08:45	Opening Lecture 1: Sex and gender aspects in cardiovascular medicine: An often-neglected variable	Vera Regitz-Zagrosek, Berlin
09:15	Opening Lecture 2: Genetics of multifactorial cardiovascular diseases	Heribert Schunkert, Munich

09:45 – 10:15 COFFEE BREAK

10:15 – 12:15 Session 1: Risk Factors and Prevention

Chairs: François Mach, Geneva and Heribert Schunkert, Munich

10:15	Heart-healthy cities	Thomas Münzel, Mainz
10:35	New lipid-lowering agents: Beyond the ESC Guidelines	Ulf Landmesser, Berlin
10:55	Diabetes and cardiovascular risk	John Deanfield, London
11:15	Triglycerides on the rise: Causal or confounded	Peter Libby, Boston
11:35	Sports cardiology and physical activity in patients with CV disease (new ESC position paper)	Sanjay Sharma, London
11:55	Panel Discussion	All

12:15 – 13:00 Satellite Symposium: Lipid Management: "the lower the better" with new drugs

Sponsored by Daiichi-Sankyo

Chairs: Peter Libby, Boston and Thomas F. Lüscher, London

12:15	Introduction	
12:20	What lipid targets do the ESC Guidelines expect?	François Mach, Geneva
12:35	Bempedoic Acid: A new option to reach LDL target	Kausik Ray, London
12:50	Panel discussion	All

13:00 – 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	NSTE ACS (new ESC Guidelines 2020)	Holger Thiele, Leipzig
14:20	A challenging patient with NSTE ACS: How to implement the new ESC Guidelines (interactive voting)	Lorenz Räber, Berne
14:40	Duration of DAPT and anticoagulation after ACS: Personalized approach	Philippe Gabriel Steg, Paris
15:00	PCI in patients with chronic coronary syndromes: Which strategy after ISCHEMIA?	Bernard Gersh, Rochester
15:20	Coronary CT: Role after the ISCHEMIA Trial	Stephan Achenbach, Erlangen
15:40	Left main disease: Resolving a heated controversy	Stephan Windecker, Berne
16:00	Panel discussion	All

16:15 – 16:45 COFFEE BREAK

16:45 – 18:30 Session 3: Arrhythmias

Chairs: S. Bernard Gersh, Rochester and Shouvik Halder, London

16:45	Atrial fibrillation (new ESC Guidelines 2020)	Gerhard Hindricks, Leipzig
17:05	Stroke prevention in AF	A. John Camm, London
17:25	Arrhythmia pearls / case presentations (interactive voting)	Sabine Ernst, London
17:45	Personalised ICD implantation: Who really benefits?	Lars Køber, Copenhagen
18:05	Panel discussion	All

18:30 COCKTAIL RECEPTION

Tuesday, December 15th, 2020

08:30 – 10:10 Session 4: Valvular Heart Disease

Chairs: Thomas F. Lüscher, London and Holger Thiele, Leipzig

08:30	Imaging of aortic stenosis	Jeroen J. Bax, Leiden
08:50	Managing aortic valve disease: TAVI vs. surgery	Bernard Prendergast, London
09:10	A challenging patient with double valve disease	Rob Smith, London
09:30	Tricuspid regurgitation: Outcomes and therapeutic interventions	Rick A. Nishimura, Rochester
09:50	Panel discussion	All

10:00 – 10:30 COFFEE BREAK

10:30 – 12:15 Session 5: COVID-19 and Cardiovascular Disease

Chairs: Jeroen J. Bax, Leiden and Stavros Konstantinides, Mainz

10:30	Covid-19 as an endothelial disease	Peter Libby, Boston
10:50	Virus infection and myocarditis	Carsten Tschöpe, Berlin
11:10	A challenging patient with COVID-19 (interactive voting)	Alexander Lyon, London
11:30	RAAS inhibitors and COVID-19: Good or bad?	Ajay Shah, London
11:50	Panel discussion	All

12:15 – 13:00 Satellite Symposium: CRT Optimisation post-Covid

Sponsored by Abbott

Chairs: Shouvik Haldar, London and Lars Køber, Copenhagen

12:15	Introduction	
12:20	CRT in heart failure: An update	Timothy Betts, Oxford
12:35	Digital health in HF: Integrating clinical and device data	Andrew Flett, Southampton
12:50	Panel discussion	All

13:00 – 13:45 LUNCH BUFFET

13:45 – 14:15 The Paul Hamilton Wood Lecture

Chairs: Bernard Gersh, Rochester and Thomas F. Lüscher, London

From AF to VF ablation: Common mechanisms and potential applications	Michel Haïssaguerre, Bordeaux
---	----------------------------------

14:15 – 15:45 Session 6: Chronic Heart Failure

Chairs: Carsten Tschöpe, Berlin and Paul Kalra, Portsmouth

14:15	The clinical spectrum of HF: Has HFmrEF and HFpEF to be redefined?	Thomas F. Lüscher, London
14:35	Microcirculatory dysfunction as a cause of HFpEF?	Filippo Crea, Rome
14:55	New drugs for diabetes and HF	Milton Packer, Dallas
15:15	New drugs for HFrEF	Burkert Pieske, Berlin
15:35	Panel discussion	All

15:45 – 16:00 COFFEE BREAK

16:00 – 17:00 Session 7: ESC Guidelines

Chairs: Michael Gatzoulis, London and Thomas F. Lüscher, London

16:00	The new ESC Guidelines 2020 on ACHD	Julie de Backer, Gent
16:20	Acute pulmonary embolism: Assessment and treatment including Covid-19 considerations and ESC Guidelines	Stavros Konstantinides, Mainz
16:40	Panel discussion	All
17:00	Wrap-up and Close	Thomas F. Lüscher, London

Stephan Achenbach
Erlangen, DE

Jeroen J. Bax
Leiden, NL

Timothy Betts
Oxford, GB

A. John Camm
London, GB

Filippo Crea
Rome, IT

Julie De Backer
Gent, BE

John E. Deanfield
London, GB

Sabine Ernst
London, GB

Andrew Flett
Southampton, GB

Kim Fox
London, GB

Michael Gatzoulis
London, GB

Bernard J. Gersh
Rochester MN, US

Richard Grocott-Mason
London, GB

Michel Haïssaguerre
Bordeaux, FR

Shouvik Haldar
London, GB

Gerhard Hindricks
Leipzig, DE

Paul Kalra
Portsmouth, GB

Lars Køber
Copenhagen, DK

Stavros Konstantinides
Mainz, DE

Ulf Landmesser
Berlin, DE

Peter Libby
Boston, US

Thomas F. Lüscher
London, GB/Zurich, CH

Alexander Lyon
London, GB

François Mach
Geneva, CH

Thomas Münzel
Mainz, DE

Rick A. Nishimura
Rochester MN, US

Milton Packer
Dallas, US

Burkert Pieske
Berlin, DE

Bernard Prendergast
London, GB

Lorenz Räber
Berne, CH

Kausik Ray
London, GB

Vera Regitz-Zagrosek
Berlin, DE

Heribert Schunkert
Munich, DE

Ajay Shah
London, GB

Sanjay Sharma
London, GB

Robert Smith
London, GB

Philipp G. Steg
Paris, FR

Holger Thiele
Leipzig, DE

Carsten Tschöpe
Berlin, DE

Stephan Windecker
Berne, CH

Organisation

Zurich Heart House, Foundation for Cardiovascular Research

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

Nadine-Estelle Kalthener (nadine-estelle.kalthener@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

Acknowledgement

Supported by an Educational Grant of H. H. Sheikh Khalifa

Bin Hamad Al-Thani.

Platinum Sponsors



Silver Sponsors



The sponsoring grants are used exclusively for the organisation of the scientific programme.

Registration

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

Early registration fee (until November 20, 2020)	GBP	80
ESC associated members / Early registration fee (until November 20, 2020)	GBP	75
Regular registration fee	GBP	95
ESC associated members / Regular registration fee	GBP	85
Residents, students (age < 35) *	GBP	50
Day ticket	GBP	55

* ID proof required (nadine-estelle.kaltheuner@zh.ch)

Registration will be confirmed upon receipt of payment.

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 **17th of November 2020**, deposits will be refunded less 35% for administrative costs. After this date, no refund will be possible.

Disclaimer

Please note that photographs may be taken during the event. By attending you give us permission to use any general crowd photos you appear in. These can be used by the Zurich Heart House for marketing and publicity in our publications, on our website and in social media or in any third party publication.

Accreditation

The Cardiology Update London has been submitted to:

- 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®)



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

- British Cardiovascular Society



In collaboration with



Event endorsed by

Under the Auspices of



