

Cardiology Update

VIRTUAL COURSE

20
LONDON

Event endorsed by



The 4th Royal Brompton & Harefield Christmas Postgraduate Course

December 13th–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



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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 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 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 three days in London.

We would be most happy to welcome to enjoy three 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

13		14		15	
Sunday, December 13 th		Monday, December 14 th		Tuesday, December 15 th	
15:00	Welcome Address Opening Lectures <ul style="list-style-type: none"> Frontiers in cardiovascular science Gender aspects and genetics in CV medicine 	13:00	SESSION 2 Acute and Chronic Coronary Syndromes <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 	13:00	SESSION 5 COVID-19 and Cardiovascular Disease <ul style="list-style-type: none"> Virus infection and myocarditis Cardiovascular disease and COVID-19 RAAS inhibitors and COVID-19
				14:15	The Paul Hamilton Wood Lecture
15:55	COFFEE BREAK	14:45	COFFEE BREAK	14:45	COFFEE BREAK
16:00	SESSION 1 Risk Factors and Prevention <ul style="list-style-type: none"> Hypertension Dyslipidaemias Diabetes, obesity Triglycerides on the rise Sports Cardiology (ESC Position Paper) 	15:00	Satellite Symposium Lipid Management: "the lower the better" with new drugs	15:00	Satellite Symposium CRT Optimisation post-Covid
		15:45	SESSION 3 Arrhythmias <ul style="list-style-type: none"> Atrial fibrillation: (new ESC Guidelines) Stroke prevention in AF Arrhythmia pearls Personalised ICD implantation 	15:45	SESSION 6 INOCA / ESC Guidelines <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
		17:00	COFFEE BREAK	16:30	COFFEE BREAK
		17:15	SESSION 4 Valvular Heart Disease: <ul style="list-style-type: none"> Imaging of aortic stenosis Managing aortic valve disease Tricuspid regurgitation Mitral regurgitation 	16:45	SESSION 7 Chronic Heart Failure <ul style="list-style-type: none"> The clinical spectrum of HF New drugs for diabetes and HF New drugs for HFrEF
				18:00	WRAP-UP AND CLOSING REMARKS
17:30	ADJOURN	18:30	ADJOURN	18:15	END OF COURSE

Sunday, December 13th, 2020 (UK Time)

15:00 – 15:15 Welcome Address

Thomas F. Lüscher, London

15:15 – 15:50 Opening Lectures: Frontiers in Cardiovascular Science

Chairs: Thomas F. Lüscher, London and Kim Fox, London

15:15	Opening Lecture 1: Sex and gender aspects in cardiovascular medicine: An often-neglected variable	Vera Regitz-Zagrosek, Berlin
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15:35	Opening Lecture 2: Genetics of multifactorial cardiovascular diseases	Heribert Schunkert, Munich
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15:55 – 16:00 COFFEE BREAK

16:00 – 17:30 Session 1: Risk Factors and Prevention

Chairs: François Mach, Geneva and Heribert Schunkert, Munich

16:00	Heart-healthy cities	Thomas Münzel, Mainz
16:15	New lipid-lowering agents: Beyond the ESC Guidelines	Ulf Landmesser, Berlin
16:30	Diabetes and cardiovascular risk	John Deanfield, London
16:45	Triglycerides on the rise: Causal or confounded	Peter Libby, Boston
17:00	Sports cardiology and physical activity in patients with CV disease (new ESC position paper)	Sanjay Sharma, London
17:15	Panel Discussion	All

17:30 END OF DAY ONE

Monday, December 14th, 2020 (UK Time)

13:00 – 14:45 Session 2: Acute and Chronic Coronary Syndromes

Chairs: Richard Grocott-Mason, London and Peter Libby, Boston

13:00	NSTE ACS (new ESC Guidelines 2020)	Holger Thiele, Leipzig
13:15	A challenging patient with NSTEMI ACS: How to implement the new ESC Guidelines (interactive voting)	Lorenz Räber, Berne
13:30	Duration of DAPT and anticoagulation after ACS: A personalized approach	Philippe Gabriel Steg, Paris
13:45	PCI in patients with chronic coronary syndromes: Which strategy after ISCHEMIA?	Bernard Gersh, Rochester
14:00	Coronary CT: Role after the ISCHEMIA Trial	Stephan Achenbach, Erlangen
14:15	Left main disease: Resolving a heated controversy	Stephan Windecker, Berne
14:30	Panel discussion	All

14:45 – 15:00 COFFEE BREAK

15:00 – 15:45 Satellite Symposium: Lipid Management: "the lower the better" with new drugs

Sponsored by Daiichi-Sankyo*

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

15:00	Introduction	
15:05	What lipid targets do the ESC Guidelines expect?	François Mach, Geneva
15:20	A new add-on oral therapy to help to lower LDL-C	Kausik Ray, London
15:35	Panel discussion	All

15:45 – 17:00 Session 3: Arrhythmias

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

15:45	Atrial fibrillation (new ESC Guidelines 2020)	Gerhard Hindricks, Leipzig
16:00	Stroke prevention in AF	A. John Camm, London
16:15	Arrhythmia pearls / case presentations (interactive voting)	Sabine Ernst, London
16:30	Personalised ICD implantation: Who really benefits?	Lars Køber, Copenhagen
16:45	Panel discussion	All

17:00 – 17:15 COFFEE BREAK

17:15 – 18:30 Session 4: Valvular Heart Disease

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

17:15	Imaging of aortic stenosis	Jeroen J. Bax, Leiden
17:30	Managing aortic valve disease: TAVI vs. surgery	Bernard Prendergast, London
17:45	A challenging patient with double valve disease	Rob Smith, London
18:00	Tricuspid regurgitation: Outcomes and therapeutic interventions	Rick A. Nishimura, Rochester
18:15	Panel discussion	All

18:30 END OF DAY TWO

Tuesday, December 15th, 2020 (UK Time)

13:00 – 14:15 Session 5: COVID-19 and Cardiovascular Disease

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

13:00	Covid-19 as an endothelial disease	Peter Libby, Boston
13:15	Virus infection and myocarditis	Carsten Tschöpe, Berlin
13:30	A challenging patient with COVID-19 (interactive voting)	Alexander Lyon, London
13:45	RAAS inhibitors and COVID-19: Good or bad?	Ajay Shah, London
14:00	Panel discussion	All

14:15 – 14:45 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
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14:45 – 15:00 COFFEE BREAK

15:00 – 15:45 **Satellite Symposium: CRT Optimisation post-Covid**

Sponsored by Abbott

Chairs: Shouvik Haldar, London and Lars Køber, Copenhagen

15:00	Introduction	
15:05	CRT in heart failure: An update	Timothy Betts, Oxford
15:20	Digital health in HF: Integrating clinical and device data	Andrew Flett, Southampton
15:35	Panel discussion	All

15:45 – 16:30 **Session 6: ESC Guidelines**

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

15:45	The new ESC Guidelines 2020 on ACHD	Julie de Backer, Gent
16:00	Acute pulmonary embolism: Assessment and treatment including Covid-19 considerations and ESC Guidelines	Stavros Konstantinides, Mainz
16:15	Panel discussion	All

16:30 – 16:45 COFFEE BREAK

16:45 – 18:00 **Session 7: Chronic Heart Failure**

Chairs: Carsten Tschöpe, Berlin and Paul Kalra, Portsmouth

16:45	The clinical spectrum of HF: Has HFmrEF and HFpEF to be redefined?	Thomas F. Lüscher, London
17:00	Microcirculatory dysfunction as a cause of HFpEF?	Filippo Crea, Rome
17:15	New drugs for diabetes and HF	Milton Packer, Dallas
17:30	New drugs for HFrEF	Burkert Pieske, Berlin
17:45	Panel discussion	All
18:00	Wrap-up and Close	Thomas F. Lüscher, London

18:15 END OF COURSE

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

Christian Müller
Basel, 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

Simon Stämpfli
Lucerne, CH

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

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

*Daiichi Sankyo Europe have financially supported the Cardiology Update London 2020 meeting but have had no input into the agenda or speaker selection of the plenary sessions. Daiichi Sankyo Europe have a satellite symposium, entitled: 'Lipid Management: "the lower the better" with new drugs' and approved the content in accordance with ABPI Code of Conduct 2019

Venue

VIRTUAL COURSE

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 70
Regular registration fee	GBP 95
ESC associated members / Regular registration fee	GBP 80
Residents, students (age < 35)*	GBP 50

*ID proof required

Registration will be confirmed upon receipt of payment.

Please contact Mrs. Nadine-Estelle Kaltheuner (nadine-estelle.kaltheuner@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 **25th 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



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