

# Cardiology Update

19  
LONDON

Event endorsed by



## The 3<sup>rd</sup> Royal Brompton & Harefield Christmas Postgraduate Course

The Royal Society of Medicine,  
1 Wimpole St, Marylebone, London

December 16<sup>th</sup>-17<sup>th</sup>, 2019

### Course Directors

Prof. Thomas F. Lüscher, FRCP, FESC  
Dr. Richard Grocott-Mason, FRCP  
Prof. Kim Fox, FRCP, FESC

### Course Co-Directors

Bernard J. Gersh, FACC  
Peter Libby, FACC

### Programme Director

Dr. Ruth Amstein, FESC



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research



THE YEAR IN CARDIOLOGY REVIEW

## Dear Colleagues

It is a real pleasure to announce the 3<sup>rd</sup> 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 two days in London.

We would be most happy 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



**Dr. Bernard J. Gersh**  
FACC



**Dr. Peter Libby**  
FACC

16 Monday, December 16 <sup>th</sup>		17 Tuesday, December 17 <sup>th</sup>	
08:30	<b>Welcome Address</b>  <b>Opening Lectures</b> <ul style="list-style-type: none"> <li>Frontiers in cardiovascular science</li> </ul>	08:30	SESSION 4 <b>Valvular Heart Disease: Catheter-based or Open Surgery?</b> <ul style="list-style-type: none"> <li>Aortic stenosis</li> <li>Mitral regurgitation</li> <li>Tricuspid regurgitation</li> </ul>
09:45	COFFEE	10:30	COFFEE
10:15	SESSION 1 <b>Risk Factors and Prevention</b> <ul style="list-style-type: none"> <li>Hypertension</li> <li>Dyslipidaemias (new ESC Guidelines)</li> <li>New risk factors</li> <li>Diabetes (new ESC Guidelines)</li> </ul>	11:00	SESSION 5 <b>Chronic Heart Failure</b> <ul style="list-style-type: none"> <li>Management of HF<sub>r</sub>EF</li> <li>HF<sub>p</sub>EF / HF<sub>m</sub>rEF</li> <li>Resynchronisation therapy</li> </ul>
12:15	<b>Satellite Symposium</b>	12:30	<b>Satellite Symposium</b>
13:15	LUNCH BREAK	13:00	LUNCH BREAK
14:00	SESSION 2 <b>Acute and Chronic Coronary Syndromes</b> <ul style="list-style-type: none"> <li>Chronic coronary syndromes (new ESC guidelines)</li> <li>MINOCA</li> <li>Secondary prevention</li> </ul>	13:45	SESSION 6 <b>Acute and Advanced Heart Failure</b> <ul style="list-style-type: none"> <li>New drugs in acute HF</li> <li>Mechanical circulatory support</li> <li>Heart transplantation</li> </ul>
16:15	COFFEE	15:15	COFFEE
16:45	SESSION 3 <b>Arrhythmias</b> <ul style="list-style-type: none"> <li>Atrial fibrillation: medical therapy / ablation</li> <li>Supraventricular tachycardias (new ESC Guidelines)</li> <li>The Apple Heart Study</li> </ul>	15:30	SESSION 7 <b>Cardio-oncology</b> <ul style="list-style-type: none"> <li>Cancer and CV disease</li> <li>Cardiac amyloidosis</li> </ul>
18:30	NETWORKING RECEPTION	16:30	<b>The Paul Hamilton Wood Lecture</b>
		17:00	ADJOURN

## Monday, December 16<sup>th</sup>, 2019

### 08:30 – 09:00 Welcome Address

T. F. Lüscher, London, K. Fox, London and R. Grocott-Mason, London

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

*Chairs:* K. Fox, London and R. Grocott-Mason, London

08:45	Opening Lecture 1: Artificial intelligence: What does it provide for medicine?	P. A. Friedman, Rochester
09:15	Opening Lecture 2: Environmental hazards and cardiovascular disease: A call for action	T. Münzel, Mainz

### 09:45 – 10:15 COFFEE BREAK

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

*Chair:* M. D. Lobo, London / *Panelists:* R. Grocott-Mason, London; F. Mach, Geneva; and R. F. Storey, Sheffield

10:15	Hypertension: Drugs or devices?	F. Mahfoud, Homburg / Saar
10:35	Dyslipidaemias: How do the new ESC Guidelines affect my practice?	A. L. Catapano, Milan
10:55	Genetic tools to treat lipid disorders: PCSK9 inhibition and beyond	K. Ray, London
11:15	Diabetes: New ESC Guidelines, new treatments	F. Cosentino, Stockholm
11:35	Cardiovascular risk management in diabetes	J. Deanfield, London
11:55	Panel Discussion	All

### 12:15 – 13:15 Oral Anticoagulation in Atrial Fibrillation: Optimising Patient Management

Sponsored by Daiichi-Sankyo, *Chair:* A. J. Camm, London

12:15	Introduction	A. J. Camm, London
12:20	Anticoagulation in high-risk patients	D. Lane, Liverpool
12:40	Edoxaban in AF ablation: The ELIMINATE-AF Trial	S. Hohnloser, Frankfurt
13:00	Panel discussion	All
13:10	Key messages and closing remarks	A. J. Camm, London

**13:15 – 14:00** LUNCH BUFFET

**14:00 – 16:15 Session 2: Acute and Chronic Coronary Syndromes**

*Chair:* A. Baumbach, London / *Panelists:* J. Hill, London and A. Magdy, Cairo

14:00	A reassessment of the mechanisms of the acute coronary syndromes	P. Libby, Boston
14:20	Chronic coronary syndromes: Revascularization strategies (new ESC Guidelines)	W. Wijns, Galway
14:40	Chronic coronary syndromes: Diagnostic aspects and noninvasive testing (new ESC Guidelines)	J. J. Bax, Leiden
15:00	A patient with chronic coronary syndromes: How to implement the new ESC Guidelines (interactive voting)	L. Räber, Berne
15:20	«INOCA» and «MINOCA»: Prevalence, prognosis and diagnostic assessment	F. Crea, Rome
15:40	Long-term secondary prevention after MI: DAPT, DATT or antiplatelet monotherapy?	R. F. Storey, Sheffield
16:00	Panel discussion	All

**16:15 – 16:45** COFFEE BREAK

**16:45 – 18:30 Session 3: Arrhythmias**

*Chairs:* S. Haldar, London and T. Wong, London

16:45	Supraventricular tachycardias: How to implement the new ESC Guidelines into clinical practice	C. Blomstrom-Lundqvist, Uppsala
17:05	Pathophysiology and management of clinically silent AF	B. J. Gersh, Rochester
17:25	Atrial fibrillation: Medical therapy or ablation?	A. J. Camm, London
17:45	The Apple Heart Study: Will the smartwatch replace the doctor?	P. Kirchhof, Birmingham
18:05	Panel discussion	All

**18:30** COCKTAIL RECEPTION

## Tuesday, December 17<sup>th</sup>, 2019

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**08:30 – 10:30 Session 4: Valvular Heart Disease: Catheter-based or Open Surgery?**  
*Chair:* J. J. Bax, Leiden / *Panelists:* M. Dalby, Harefield and M. Packer, Dallas

	<i>Debate:</i> Aortic stenosis: What is left for surgery?	
08:30	Very little	S. Windecker, Berne
08:45	Quite a lot	T. Walther, Frankfurt
09:00	Rebuttals	
09:10	Mitral regurgitation: Mitraclip vs. surgery	B. Prendergast, London
09:30	A challenging patient with mitral regurgitation (interactive voting)	R. Smith, London
09:50	Tricuspid regurgitation: The new frontier	F. Maisano, Zurich
10:10	Panel discussion	All

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**10:30 – 11:00 COFFEE BREAK**

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**11:00 – 12:30 Session 5: Chronic Heart Failure**  
*Chairs:* F. Mach, Geneva and M. Metra, Brescia

11:00	Management of HFrEF: From diuretics to ARNI and beyond	M. Packer, Dallas
11:20	Evidence-based therapies in HFpEF	M. Cowie, London
11:40	New drugs for diabetes and HF	S. Anker, Berlin
12:00	Which patients benefit from CRT?	J. Cleland, Glasgow
12:20	Panel discussion	All

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**12:30 – 13:00 Frontiers in Renal Nerve Ablation**  
Sponsored by Ablative Solutions, *Chairs:* B. Gersh, Rochester and T. F. Lüscher, Zurich

12:30	Renal nerve ablation: Current evidence and future perspectives	M. Lobo, London
12:40	Alcohol ablation of renal nerves: A new concept of hypertension management?	F. Mahfoud, Homburg / Saar
12:50	Panel discussion	All

**13:00 – 13:45** LUNCH BUFFET

**13:45 – 15:15** **Session 6: Acute and Advanced Heart Failure**

*Chairs:* M. Yacoub, London and J. Cleland, Glasgow

13:45	Optimal medical treatment for acute and advanced HF	M. Metra, Brescia
14:05	Mechanical circulatory support: Indications and outcome	M. R. Mehra, Boston
14:25	Heart transplantation: For whom?	M. G. Crespo Leiro, La Coruña
14:45	Palliation and advanced care planning in HF	M. Johnson, Hull
15:05	Panel discussion	All

**15:15 – 15:30** COFFEE BREAK

**15:30 – 16:30** **Session 7: Cardio-oncology**

*Chairs:* M. Cowie, London and Mandeep Mehra, Boston

15:30	Cancer and cardiovascular disease	T. Suter, Berne
15:50	Cardiotoxicity of chemotherapy: Which drugs matter?	A. Lyon, London
16:10	Amyloidosis: Novel treatment options	P. N. Hawkins, London

**16:30 – 17:00** **The Paul Hamilton Wood Lecture**

*Chairs:* K. Fox, London and T. F. Lüscher, London

16:30	UK Biobank: A powerful tool to gain novel insights into cardiovascular disease	R. Collins, Oxford
17:00	Wrap-up and Close	T. F. Lüscher, London

Stefan D. Anker  
Berlin, DE

Andreas Baumbach  
London, GB

Jeroen J. Bax  
Leiden, NL

Carina  
Blomstrom-Lundqvist  
Uppsala, SE

A. John Camm  
London, GB

Alberico L. Catapano  
Mailand, IT

John Cleland  
Glasgow, GB

Sir Rory Collins  
Oxford, GB

Francesco Cosentino  
Stockholm, SE

Martin Cowie  
London, GB

Filippo Crea  
Rome, IT

Marisa G. Crespo Leiro  
La Coruña, ES

Miles Dalby  
Harefield, GB

John E. Deanfield  
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Kim Fox  
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Rochester MN, US

Bernard J. Gersh  
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Richard Grocott-Mason  
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Shouvik Haldar  
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Philip N. Hawkins  
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Jonathan Hill  
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Alexander Lyon  
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François Mach  
Geneva, CH

Ahmed Magdy  
Cairo, AE

Felix Mahfoud  
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Francesco Maisano  
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Mandeep R. Mehra  
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Marco Metra  
Brescia, IT

Thomas Münzel  
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Milton Packer  
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Bernard Prendergast  
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Robert F. Storey  
Sheffield, GB

Thomas Suter  
Berne, CH

Thomas Walther  
Frankfurt am Main, DE

William Wijns  
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Stephan Windecker  
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Tom Wong  
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[www.cardiologyupdate.uk](http://www.cardiologyupdate.uk)

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### Venue

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

### Registration

**Registrations can be made exclusively online on our website:**

**[www.cardiologyupdate.uk](http://www.cardiologyupdate.uk)**

Early registration fee (until November 15, 2019)	GBP	250
ESC associated members / Early registration fee (until November 15, 2019)	GBP	230
Regular registration fee	GBP	300
ESC associated members / Regular registration fee	GBP	280
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.

### Group Registration

**For group registrations a minimum of 10 participants is required.**

Regular registration fee	GBP	260
Early registration fee (until November 15, 2019)	GBP	210

Please contact Mrs. Nadine-Estelle Kaltheuner ([nadine-estelle.kaltheuner@zhz.ch](mailto: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 **1<sup>st</sup> of November 2019**, 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 approved by:

- Federation of the Royal Colleges of Physicians of the United Kingdom for CPD credits  
**12 category 1 (external) CPD credits**
- EACCME-UEMS  
European Accreditation Council for Continuing Medical Education (EACCME®)  
with **11 European CME credits** (ECMEC®s)



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- British Cardiovascular Society



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