

# 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

Thomas F. Lüscher, FRCP, FESC  
Richard Grocott–Mason, FRCP  
Kim Fox, FRCP, FESC

### Course Co-Directors

Bernard J. Gersh, FACC  
Peter Libby, FACC

### Programme Director

Ruth Amstein, FESC



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foundation for  
cardiovascular  
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> <ul style="list-style-type: none"> <li>· Learning objectives and assessment</li> </ul> <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>
		12:30	<b>Satellite Symposium</b>
13:00	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>
		16:30	<b>The Paul Hamilton Wood Lecture</b>
18:30	NETWORKING RECEPTION	17:00	ADJOURN

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

### 08:30 – 08:45 Welcome Address

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

08:40	Learning objectives and assessment	R. Amstein, Zurich
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### 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
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09:15	Opening Lecture 2: Environmental hazards and cardiovascular disease: A call for action	T. Münzel, Mainz
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### 09:45 – 10:15 COFFEE BREAK

### 10:15 – 13:00 Session 1: Risk Factors and Prevention

*Chairs:* M. D. Lobo, London; R. Grocott-Mason, London and R. F. Storey, Sheffield

10:15	Hypertension: Drugs or devices?	F. Mahfoud, Homburg / Saar
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10:35	Dyslipidaemias: How do the new ESC Guidelines affect my practice?	A. L. Catapano, Milan
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10:55	Genetic tools to treat lipid disorders: PCSK9 inhibition and beyond	K. Ray, London
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11:15	Lipoprotein (a), a new risk factor?	F. Mach, Geneva
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11:35	Diabetes: New ESC Guidelines, new treatments	F. Cosentino, Stockholm
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11:55	Cardiovascular risk management in diabetes	J. Deanfield, London
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12:15	The microbiome as a new CV risk factor	T. F. Lüscher, London / Zurich
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12:35	Panel discussion	All
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### 13:00 – 14:00 LUNCH BUFFET

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

*Chairs:* A. Baumbach, 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

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**16:15 – 16:45 COFFEE BREAK**

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**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

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**18:30 COCKTAIL RECEPTION**

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

### 08:30 – 10:30 Session 4: Valvular Heart Disease: Catheter-based or Open Surgery?

*Chairs:* J. J. Bax, Leiden; 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	M. Arsalan, 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

### 10:30 – 11:00 COFFEE BREAK

### 11:00 – 12:30 Session 5: Chronic Heart Failure

*Chairs:* M. Metra, Brescia and F. Mach, Geneva

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

### 12:30 – 13:00 Frontiers in Renal Nerve Ablation

Sponsored by Ablative Solutions

*Chairs:* B. Gersh, Rochester and T. F. Lüscher, London/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:* B. J. Gersh, Rochester and M. R. 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 / Zurich

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 / Zurich

Stefan D. Anker Berlin, DE	Kim Fox London, GB	Francesco Maisano Zurich, CH
Mani Arsalan Frankfurt am Main, DE	Paul A. Friedman Rochester MN, US	Mandeep R. Mehra Boston, US
Andreas Baumbach London, GB	Bernard J. Gersh Rochester MN, US	Marco Metra Brescia, IT
Jeroen J. Bax Leiden, NL	Richard Grocott-Mason London, GB	Thomas Münzel Mainz, DE
Carina Blomstrom-Lundqvist Uppsala, SE	Shouvik Haldar London, GB	Milton Packer Dallas, US
A. John Camm London, GB	Philip N. Hawkins London, GB	Bernard Prendergast London, GB
Alberico L. Catapano Milan, IT	Miriam Johnson Hull, GB	Lorenz Räber Berne, CH
John Cleland Glasgow, GB	Paulus Kirchhof Birmingham, GB	Kausik Ray London, GB
Sir Rory Collins Oxford, GB	Peter Libby Boston, US	Robert Smith London, GB
Francesco Cosentino Stockholm, SE	Melvin D. Lobo London, GB	Robert F. Storey Sheffield, GB
Martin Cowie London, GB	Thomas F. Lüscher London, GB and Zurich, CH	Thomas Suter Berne, CH
Filippo Crea Rome, IT	Alexander Lyon London, GB	William Wijns Galway, IE
Marisa G. Crespo Leiro La Coruña, ES	François Mach Geneva, CH	Stephan Windecker Berne, CH
Miles Dalby Harefield, GB	Ahmed Magdy Cairo, AE	Tom Wong London, GB
John E. Deanfield London, GB	Felix Mahfoud Homburg / Saar, DE	Sir Magdi Yacoub London, GB



### Organisation

**Zurich Heart House, Foundation for Cardiovascular Research**

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**Venue**

The Royal Society of Medicine,  
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**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 College 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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