

# Cardiology Update

Royal Brompton & Harefield   
NHS Foundation Trust

 **ESC**  
European Society  
of Cardiology

18  
LONDON

## The 2<sup>nd</sup> Royal Brompton & Harefield Christmas Postgraduate Course

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

December 17<sup>th</sup>–18<sup>th</sup>, 2018

### Course Directors

Prof. Thomas F. Lüscher, FRCP, FESC

Dr. Richard Grocott–Mason, FRCP

Prof. Kim Fox, FRCP, FESC

### Scientific Coordination, Organisation

Dr. Ruth Amstein, FESC



**ZURICH  
HEART HOUSE**

foundation for  
cardiovascular  
research

**THE YEAR IN CARDIOLOGY REVIEW**

## Dear Colleagues

It is a real pleasure to announce the 2<sup>nd</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 renowned 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 operations. Thus, the course will give an up-to-date overview about current diagnosis and management of the most important cardiovascular conditions.

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

17 Monday, December 17 <sup>th</sup>		18 Tuesday, December 18 <sup>th</sup>	
08:30	<b>Welcome Address</b>  <b>Opening Lectures</b>	08:30	SESSION 4 <b>Valvular Heart Disease / ACS</b> <ul style="list-style-type: none"> <li>· TAVI: state of the art</li> <li>· Role of imaging</li> <li>· Patient selection</li> <li>· Percutaneous mitral valve repair</li> </ul>
10:00	COFFEE	10:30	COFFEE
10:45	SESSION 1 <b>Risk Factors and Prevention</b> <ul style="list-style-type: none"> <li>· Hypertension</li> <li>· Diabetes</li> <li>· Lipid management</li> <li>· Risk calculation</li> <li>· Life-time risk</li> <li>· Exercise training</li> <li>· Diet</li> <li>· Environmental risk</li> </ul>	11:00	SESSION 5 <b>Heart Failure: Classification, Assessment and Treatment</b> <ul style="list-style-type: none"> <li>· Congenital heart disease</li> </ul>
13:00	LUNCH BREAK	12:15	LUNCH BREAK
14:00	SESSION 2 <b>Angina and ACS / Cardio-Oncology</b> <ul style="list-style-type: none"> <li>· AMI-STEMI guidelines</li> <li>· Medical vs. interventional therapy</li> <li>· Myocardial revascularisation</li> <li>· DAPT therapy</li> </ul>	13:15	SESSION 6 <b>Heart Failure and Comorbidities</b> <ul style="list-style-type: none"> <li>· Classification</li> <li>· Comorbidities,</li> <li>· Treatment of HF (drugs and devices)</li> </ul>
16:00	COFFEE	14:45	COFFEE
16:30	SESSION 3 <b>Arrhythmias</b> <ul style="list-style-type: none"> <li>· Atrial fibrillation: medical treatment</li> <li>· Ablation</li> <li>· Stroke prevention</li> <li>· Syncope and SCD</li> </ul>	15:15	SESSION 7 <b>Cardiomyopathies</b> <ul style="list-style-type: none"> <li>· Acute and advanced HF</li> <li>· VADs</li> <li>· Heart transplantation</li> </ul>
		16:30	<b>The Paul Hamilton Wood Lecture</b>
18:30	NETWORKING RECEPTION	17:00	ADJOURN

## Monday, December 17<sup>th</sup>, 2018

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### 08:30 – 09:00 Welcome Address

08:30	The Royal Brompton & Harefield Hospital Trust	K. Fox, London T. F. Lüscher, London
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### 08:45 – 10:15 Opening Lectures: From the Past to the Future

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

08:45	Opening Lecture 1: Clonal Hematopoiesis: A potent newly recognized cardiovascular risk factor	P. Libby, Boston
09:15	Opening Lecture 2: Tailor-made decision making on surgical or percutaneous revascularisation based on non-invasive imaging and comorbidities	P. Serruys, Rotterdam
09:45	Opening Lecture 3: Heart failure 10 years from now: What are the expectations?	M. Packer, Dallas

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### 10:15 – 10:45 COFFEE BREAK

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### 10:45 – 13:00 Session 1: Risk Factors and Prevention

Chairs: J.J. Bax, P. Libby and J.M. Sha

10:45	Hypertension: the new ESC Guidelines	M. D. Lobo, London
11:05	Device-based therapies for hypertension	F. Mahfoud, Homburg, Saar
11:25	The ESC Guidelines on lipid management: What is valid and what needs to be changed?	U. Landmesser, Berlin
11:45	PCSK9 inhibition: From genetics to therapeutics	P. G. Steg, Paris
12:05	Diabetes and cardiovascular disease	N. Poulter, London
12:25	Discussion	

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### 13:00 – 14:00 LUNCH BUFFET

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**14:00 – 16:00 Session 2: Angina and ACS / Cardio-Oncology**

Chairs: U. Landmesser and K. Mohan

14:00	Cancer patients and HF	A. Lyon, London
14:20	The best imaging modalities to diagnose CAD	J.J. Bax, Leiden
14:40	PCI versus CABG in Stable CAD: Patient selection based on evidence	B. Gersh, Rochester
15:00	DAPT or anticoagulation: ESC Guidelines and the new field of thrombocardiology	P. G. Steg, Paris
15:20	Non-obstructive CAD, MINOCA	A. Lerman, Rochester
15:40	Discussion	

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**16:00 – 16:30** COFFEE BREAK

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**16:30 – 18:00 Session 3: Arrhythmias**

Chairs: B. Gersh, S. Haldar and A.G. Ballani

16:30	What is new in AF management? Antiarrhythmic drugs and NOACs	A. J. Camm, London
16:50	Atrial fibrillation ablation: expanding indications	S. Ernst, London
17:10	Towards precision medicine in the prevention of genetically-mediated sudden death	J. Brugada, Barcelona
17:30	Diagnosis and management of syncope: The new ESC Guidelines	M. Brignole, Lavagna
17:50	Discussion	

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**18:30** COCKTAIL RECEPTION

## Tuesday, December 18<sup>th</sup>, 2018

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### 08:30 – 10:30 Session 4: Valvular Heart Disease / ACS

Chairs: T.F. Lüscher and S. Windecker

08:30	The role of imaging	J.J. Bax, Leiden
08:50	TAVI: current indications and future developments	B. Prendergast, London
09:10	An interesting patient with aortic stenosis	O. Samara, London
09:25	Mitral valve repair: Surgery or intervention?	G. Nickenig, Bonn
09:45	Management of ACS today, including ESC Guidelines on myocardial revascularisation	S. Windecker, Berne
10:10	Discussion	

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### 10:30 – 11:00 COFFEE BREAK

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### 11:00 – 12:30 Session 5: Heart Failure: Classification, Assessment and Treatment

Chairs: M. Packer, M. Pfeffer and B.K. Mishra

11:00	Classification of heart failure according to the ESC Guidelines	J. Cleland, Glasgow
11:20	A clinical case of heart failure	H.O. Savage, Basildon
11:35	Treatment of heart failure: Drugs and devices	M. Cowie, London
12:00	Discussion	

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### 12:15 – 13:15 LUNCH BUFFET

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### 13:15 – 14:45 Session 6: Heart Failure and Comorbidities

Chairs: M. Cowie and A. Maisel

13:15	Diabetes and HF	M. Packer, Dallas
13:40	Atrial fibrillation and HF: An evil conspiracy	J. Cleland, Glasgow
14:05	Pharmacological management of HFrEF	M. Pfeffer, Boston
14:30	Discussion	

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**14:45 – 15:15** COFFEE BREAK

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**15:15 – 16:30** **Session 7: Cardiomyopathies**

Chairs: J. Cleland and P. Kalra

15:15	The role of biomarkers	A. Maisel, San Diego/Basel
15:35	Diabetic cardiomyopathy: Are the expectations higher than proof?	P. Seferovic, Belgrade
15:55	Hereditary cardiomyopathies and HF	S. Prasad, London
16:15	Discussion	

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

Chairs: K. Fox and T.F. Lüscher

16:30	Ventricular remodeling: A personal journey	M. Pfeffer, Boston
17:00	Wrap-up and Close	T. F. Lüscher, London

Anil G. Ballani Mumbai, IND	Thomas F. Lüscher London, GB / Zurich, CH
Jeroen J. Bax Leiden, NL	Alexander Lyon London, GB
Michele Brignole Lavagna, IT	Felix Mahfoud Homburg Saar, DE
Josep Brugada Barcelona, ES	Alan Maisel San Diego, US / Basel, CH
A. John Camm London, GB	Bijay K. Mishra Bhubaneswar, IND
John Cleland Glasgow, GB	Krishnamurthy Mohan Chennai, IND
Martin Cowie London, GB	Georg Nickenig Bonn, DE
Sabine Ernst London, GB	Milton Packer Dallas, US
Kim Fox London, GB	Marc Pfeffer Boston, US
Bernhard Gersh Rochester MN, US	Neil Poulter London, GB
Richard Grocott-Mason London, GB	Sanjay Prasad London, GB
Shouvik Haldar London, GB	Bernard Prendergast London, GB
Jay M. Sha Ahmedabad, IND	Osama Samara London, GB
Paul Kalra Portsmouth, GB	Henry Oluwasefunmi Savage Basildon, GB
Ulf Landmesser Berlin, DE	Petar Seferovic Belgrade, RS
Amir Lerman Rochester MN, US	Patrick Serruys Rotterdam, NL
Peter Libby Boston, US	P. Gabriel Steg Paris, FR
Melvin D. Lobo London, GB	Stephan Windecker Berne, CH



## Sponsors



## Co-Sponsor



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

**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)**

Regular registration fee	GBP	300
Early registration fee (until November 23, 2018)	GBP	250
Residents, students (age <35) regular fee*	GBP	150
Residents, students (age <35) early fee*	GBP	100
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 23, 2018)	GBP	210

Please contact Mrs. Nadine-Estelle Kaltheuner ([nadine-estelle.kaltheuner@zhh.ch](mailto:nadine-estelle.kaltheuner@zhh.ch)) at the Zurich Heart House to obtain further information.

**Organisation**

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

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**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 2018**, deposits will be refunded less 35% for administrative costs. After this date, no refund will be possible.

**Accreditation**

The Cardiology Update London has been approved by:

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