The 2nd Royal Brompton & Harefield Christmas Postgraduate Course

The Royal Society of Medicine, 1 Wimpole St, Marylebone, London
December 17th–18th, 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

THE YEAR IN CARDIOLOGY REVIEW
Dear Colleagues

It is a real pleasure to announce the 2nd 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
Programme Overview

**Monday, December 17th**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topics</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Welcome Address</td>
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</tr>
<tr>
<td>Opening Lectures</td>
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<tr>
<td>10:00</td>
<td>COFFEE</td>
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</tbody>
</table>
| 10:45 | SESSION 1 | Risk Factors and Prevention  
· Hypertension  
· Diabetes  
· Lipid management  
· Risk calculation  
· Life-time risk  
· Exercise training  
· Diet  
· Environmental risk |
| 13:00 | LUNCH BREAK |  |
| 14:00 | SESSION 2 | Angina and ACS / Cardio-Oncology  
· AMI-STEMI guidelines  
· Medical vs. interventional therapy  
· Myocardial revascularisation  
· DAPT therapy |
| 16:00 | COFFEE |  |
| 16:30 | SESSION 3 | Arrhythmias  
· Atrial fibrillation: medical treatment  
· Ablation  
· Stroke prevention  
· Syncope and SCD |
| 18:30 | NETWORKING RECEPTION |  |

**Tuesday, December 18th**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topics</th>
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</thead>
</table>
| 08:30 | SESSION 4 | Valvular Heart Disease / ACS  
· TAVI: state of the art  
· Role of imaging  
· Patient selection  
· Percutaneous mitral valve repair |
| 10:00 | COFFEE |  |
| 10:45 | SESSION 1 | Risk Factors and Prevention  
· Hypertension  
· Diabetes  
· Lipid management  
· Risk calculation  
· Life-time risk  
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| 13:00 | LUNCH BREAK |  |
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· Medical vs. interventional therapy  
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| 16:30 | SESSION 3 | Arrhythmias  
· Atrial fibrillation: medical treatment  
· Ablation  
· Stroke prevention  
· Syncope and SCD |
| 18:30 | NETWORKING RECEPTION |  |

**Additional Events**

- 17:00 ADJOURN
- 18:30 The Paul Hamilton Wood Lecture
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 – 09:00</td>
<td>Welcome Address</td>
<td>K. Fox, London, T. F. Lüscher, London</td>
</tr>
<tr>
<td>08:45 – 10:15</td>
<td>Opening Lectures: From the Past to the Future</td>
<td>Chaired by K. Fox and R. Grocott-Mason, London</td>
</tr>
<tr>
<td>08:45</td>
<td>Opening Lecture 1: Clonal Hematopoiesis: A potent newly recognized cardiovascular risk factor</td>
<td>P. Libby, Boston</td>
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<tr>
<td>09:15</td>
<td>Opening Lecture 2: Tailor-made decision making on surgical or percutaneous revascularisation based on non-invasive imaging and comorbidities</td>
<td>P. Serruys, Rotterdam</td>
</tr>
<tr>
<td>09:45</td>
<td>Opening Lecture 3: Heart failure 10 years from now: What are the expectations?</td>
<td>M. Packer, Dallas</td>
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<tr>
<td>10:15 – 10:45</td>
<td>COFFEE BREAK</td>
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<tr>
<td>10:45 – 13:00</td>
<td>Session 1: Risk Factors and Prevention</td>
<td>Chaired by J. J. Bax, P. Libby and J. M. Shah</td>
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<tr>
<td>10:45</td>
<td>Hypertension: the new ESC Guidelines</td>
<td>M. D. Lobo, London</td>
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<td>11:05</td>
<td>Device-based therapies for hypertension</td>
<td>F. Mahfoud, Homburg, Saar</td>
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<tr>
<td>11:25</td>
<td>The ESC Guidelines on lipid management: What is valid and what needs to be changed?</td>
<td>U. Landmesser, Berlin</td>
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<td>11:45</td>
<td>PCSK9 inhibition: From genetics to therapeutics</td>
<td>P. G. Steg, Paris</td>
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<tr>
<td>12:05</td>
<td>Diabetes and cardiovascular disease</td>
<td>N. Poulter, London</td>
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<tr>
<td>12:25</td>
<td>Discussion</td>
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<tr>
<td>13:00 – 14:00</td>
<td>LUNCH BUFFET</td>
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<tr>
<td>Time</td>
<td>Session 2: Angina and ACS / Cardio-Oncology</td>
<td>Chair</td>
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<tr>
<td>14:00</td>
<td>Cancer patients and HF</td>
<td>A. Lyon</td>
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<td>14:00</td>
<td>The best imaging modalities to diagnose CAD</td>
<td>J. J. Bax</td>
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<tr>
<td>14:40</td>
<td>PCI versus CABG in Stable CAD: Patient selection based on evidence</td>
<td>B. Gersh</td>
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<td>15:00</td>
<td>DAPT or anticoagulation: ESC Guidelines and the new field of thrombocardiology</td>
<td>P. G. Steg</td>
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<td>15:20</td>
<td>Non-obstructive CAD, MINOCA</td>
<td>A. Lerman</td>
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<tr>
<td>15:40</td>
<td>Discussion</td>
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| Time     | 16:00 – 16:30 COFFEE BREAK                  |             |                          |

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 3: Arrhythmias</th>
<th>Chair</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>16:30</td>
<td>What is new in AF management? Antiarrhythmic drugs and NOACs</td>
<td>A. J. Camm</td>
<td>London</td>
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<tr>
<td>16:50</td>
<td>Atrial fibrillation ablation: expanding indications</td>
<td>S. Ernst</td>
<td>London</td>
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<tr>
<td>17:10</td>
<td>Towards precision medicine in the prevention of genetically-mediated sudden death</td>
<td>J. Brugada</td>
<td>Barcelona</td>
</tr>
<tr>
<td>17:30</td>
<td>Diagnosis and management of syncoes: The new ESC Guidelines</td>
<td>M. Brignole</td>
<td>Lavagna</td>
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<tr>
<td>17:50</td>
<td>Discussion</td>
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</tbody>
</table>

| Time     | 18:30 COCKTAIL RECEPTION                   |             |                          |
Tuesday, December 18th, 2018

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

10:30 – 11:00  COFFEE BREAK

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

12:15 – 13:15  LUNCH BUFFET

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
## 14:45 – 15:15  COFFEE BREAK

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Location</th>
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<tbody>
<tr>
<td>15:15</td>
<td>The role of biomarkers</td>
<td>A. Maisel</td>
<td>San Diego/Basel</td>
</tr>
<tr>
<td>15:35</td>
<td>Diabetic cardiomyopathy: Are the expectations higher than proof?</td>
<td>P. Seferovic</td>
<td>Belgrade</td>
</tr>
<tr>
<td>15:55</td>
<td>Hereditary cardiomyopathies and HF</td>
<td>S. Prasad</td>
<td>London</td>
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<tr>
<td>16:15</td>
<td>Discussion</td>
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## 16:30 – 17:00  The Paul Hamilton Wood Lecture

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<tr>
<td>16:30</td>
<td>Ventricular remodeling: A personal journey</td>
<td>M. Pfeffer</td>
<td>Boston</td>
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<tr>
<td>17:00</td>
<td>Wrap-up and Close</td>
<td>T. F. Lüscher</td>
<td>London</td>
</tr>
</tbody>
</table>
Teaching Faculty

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

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

<table>
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<tr>
<th>Fee Type</th>
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<tbody>
<tr>
<td>Regular registration fee</td>
<td>GBP 300</td>
</tr>
<tr>
<td>Early registration fee (until November 23, 2018)</td>
<td>GBP 250</td>
</tr>
<tr>
<td>Residents, students (age &lt;35) regular fee*</td>
<td>GBP 150</td>
</tr>
<tr>
<td>Residents, students (age &lt;35) early fee*</td>
<td>GBP 100</td>
</tr>
<tr>
<td>Day ticket</td>
<td>GBP 150</td>
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* ID proof required
Registration will be confirmed upon receipt of payment.

Group Registration
For group registrations a minimum of 10 participants is required.

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<tr>
<th>Fee Type</th>
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<tbody>
<tr>
<td>Regular registration fee</td>
<td>GBP 260</td>
</tr>
<tr>
<td>Early registration fee (until November 23, 2018)</td>
<td>GBP 210</td>
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Please contact Mrs. Nadine-Estelle Kalthéuner (nadine-estelle.kalthéuner@zhh.ch) at the Zurich Heart House to obtain further information.

Organisation
Zurich Heart House, Foundation for Cardiovascular Research
Dr. Ruth Amstein (ruth.amstein@zhh.ch)
Nadine-Estelle Kalthéuner (nadine-estelle.kalthéuner@zhh.ch)
Hottingerstrasse 14, CH-8091 Zurich, Switzerland
Phone +41 (0) 44 250 40 95, Fax +41 (0) 44 250 40 90
www.cardiologyupdate.uk

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 1st 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

In collaboration with

Royal Brompton & Harefield NHS Foundation Trust

MAYO CLINIC

BRIGHAM HEALTH

BRIGHAM AND WOMEN’S HOSPITAL

University of Zurich

Under the Auspices of

European Society of Cardiology

ZURICH HEART HOUSE

foundation for cardiovascular research