



## 3rd Advanced Cardiac Imaging Course for Interventional Cardiologists

Royal College of Physicians, London

18 November 2010



*A full day course dedicated to cardiologists, cardiac imagers and cardiac surgeons from trainee to consultant.*

*This course is a joint venture between the London Chest Hospital, Lausanne University Hospital (CHUV), and, joining us this year, Yale University, USA.*

*Advanced cardiac imaging provides understanding of the disease process and enables optimal interventional strategy design. This course is designed to assist the interventionist in understanding different imaging technologies and integrating them into daily clinical practice.*

### Course Directors

Didier Locca / Martin Rothman / Anthony Mathur

### Registration:

To apply please email:  
admin@cvti.org.uk or visit [www.cvti.org.uk](http://www.cvti.org.uk)

A deposit of £50 is payable at the time of registration, but will be refunded at the meeting.  
Please note that delegates who register, but do not attend, will forfeit the deposit

### Course organisers:

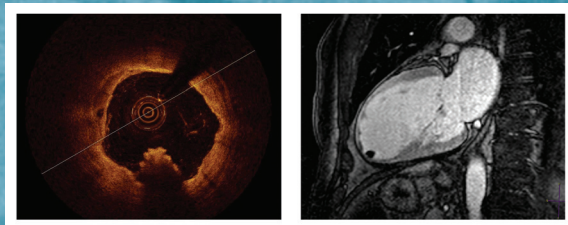
The Cardiovascular Training Institute,  
Barts and the London NHS Trust  
For more training activities visit us at:  
[www.cvti.org.uk](http://www.cvti.org.uk) or email [enquiries@cvti.org.uk](mailto:enquiries@cvti.org.uk)

By post to:  
CVTI, c/o BCOS Ltd  
P O Box 20710,  
London E3 5UE

Tel.: + 44 (0) 8980 0679 Fax: + 44 (0) 8980 0725

CME/CPD Accreditation has been applied for from the following institutions:

RCP, BCS, EAPCI, EBAC, EuroCMR



Royal College of Physicians  
11 St Andrews Place  
Regent's Park  
London NW1 4LE



## Programme:

08.00	Registration & Coffee	
08.15	Introduction, Welcome of Course Directors Chairmen: Dr P. Mills / Dr A. Jaussi	
08.20	Overview of imaging guided intervention in 2010	Prof F. Rademaker

### Session 1: Basic Principles of imaging techniques

Chairmen: Dr C. Knight / Dr A. Jaussi / Dr Mark Westwood

08.50	Echocardiography: from TTE to TOE and Intracardiac US	Dr A. Delabays
09.10	Cardiovascular Magnetic Resonance: from physics to clinic	Dr S. Petersen
09.30	Cardiovascular Magnetic Resonance: Coronary imaging	Prof M. Stuber

#### 09.50 Coffee Break

Chairmen: Prof A. Timmis / Dr C. Davies / Prof M. Rothman

10.10	Cardiac CT: what benefit for the interventional cardiologist?	Dr F. Pugliese
10.40	New developments in scintillation devices and hybrid (CT/PET; CT/SPECT) imaging	Dr A. Sinusas

### Session 2 : Basic Principles of advanced invasive techniques

Chairmen: Dr Akhil Kapur / Prof Pierre Vogt / Prof Carlo Di Mario

11.10	IVUS, image fusion, and the forward looking IVUS first in man program	Dr C. Thompson
11.40	Fractional Flow Reserve: the basic and more	Dr M. Hamilos
12.10	OCT: clinical or research tool?	Dr G. Ferrante

#### 12.40 Lunch

### Session 3: Ischaemic Heart Disease

Chairmen: Dr James Moon / Dr S. K Prasad/ Dr D. Locca

13.30	CMR perfusion : tips and tricks	Pr J. Schwitter
13.45	CMR cases	Dr P. Monney
14.00	CMR and intervention: short cases presentations	Dr C. Bucchiarelli- Ducci

### Session 4: Imaging in structural heart disease

Chairmen: Dr A. Delabays / Prof E. Eeckhout/ Dr E. Smith

14.30	Transcatheter ASD, PFO, and VSD closure – indications, imaging, procedural	Dr A. Jain
15.00	Transcatheter aortic valve replacement: indications, imaging, procedural case presentation	Dr S. Kennon
15.30	Percutaneous mitral valve repair: indications, imaging, procedural	Dr D. Messika-Zeitoun
16.00	HOCM – alcohol septal ablation in HOCM	Dr S. Mohiddin

### Session 5: Future in cardiac imaging and interventional cardiology

Chairmen: Prof John F. Martin/ Dr. D. Locca/ Prof A. Mathur

16.30	CMR guided catheterisation in 2010	Prof R. Razavi
17.00	Advanced imaging technique in translational research : bench to bedside	Bench: Dr S. Perruchoud Bedside: Dr. A. Taylor
17.40	Closure, Certificate	

## Course Directors

Didier Locca, Lausanne, CH  
Martin Rothman, London, UK  
Anthony Mathur, London, UK

## Course Co-Directors and Organizing Committee

Carlo di Mario, London, UK  
Charles Knight, London, UK  
Peter Mills, London, UK  
Juerg Schwitter, Lausanne, CH  
Adam Timmis, London, UK  
Pierre Vogt, Lausanne, CH  
Mark Westwood, London, UK

## Invited and Honorary Faculty

Rajiv Amersey, London, UK  
Andrew Archbold, London, UK  
Chiara Bucciarelli-Ducci, London, UK  
Alain Delabays, Lausanne, CH  
Ceri Davies, London, UK  
Rex Dawson, London, UK  
Andrew Deaner, London, UK  
Rodney de Palma, Lausanne, CH  
Duncan Dymond, London, UK  
Eric Eeckhout, Lausanne, CH  
Giuseppe Ferrante, Rome, Italy  
Martin Fromer, Lausanne, CH  
Gregoire Girod, Lausanne, CH  
Michalis Hamilos, Crete, Greece  
John Hogan, London, UK  
Roger Hullin, Lausanne, CH  
Ajay Jain, London, UK  
Andres Jaussi, Lausanne, CH  
Xavier Jeanrenaud, Lausanne, CH  
Akhil Kapur, London, UK  
Tat Koh, London, UK  
Simon Kennon, London, UK  
John Martin, London, UK  
David Messika-Zeitoun, Paris, France  
Stephane Mock, Lausanne, CH  
Saidi Mohiddin, London, UK  
Pierre Monney, Lausanne, CH  
James Moon, London, UK  
Olivier Muller, Lausanne, CH  
Thierry Pedrazzini, Lausanne, CH  
Stephanie Perruchoud, Lausanne, CH  
Steffen Petersen, London, UK  
Sanjay K Prasad, London, UK  
Francesca Pugliese, London, UK  
Frank Rademaker, Leuven, Belgium  
Rezza Razavi, London, UK  
Christan Roguelov, Lausanne, CH  
Alain Sinusas, Yale, USA  
Elliot Smith, London, UK  
Jean-Christophe Stauffer, Lausanne, CH  
Matthias Stuber, Lausanne, CH  
Andrew Taylor, London, UK  
Craig Thompson, Yale, USA  
David Wald, London, UK  
Andrew Wragg, London, UK  
Patrick Yerly, CH