

# SCMR Level 1

Course dates: 20<sup>th</sup> – 22<sup>nd</sup> May 2013

Venue: 3<sup>rd</sup> Floor, Lambeth Wing, St Thomas' Hospital

Course Directors: Prof Eike Nagel & Dr Valentina Puntmann

**KING'S**  
*College*  
**LONDON**

University of London

## About the course

We offer a 3-day CMR course directed towards SCMR level 1 accreditation. Attendants will receive the theoretical part (teaching and cases). In line with SCMR training guidelines, for complete SCMR level I accreditation the candidates will still need to fulfill the practical element, which includes one-month on-site training with a SCMR level III accredited supervisor. Further information about the Cardiovascular MRI training accreditation pathways is available online on [www.scmr.org](http://www.scmr.org).

This course will equip practicing physicians with understanding for its use, and practically, with knowledge on 'when to refer a patient for Cardiovascular MRI' (indications, strengths and clinical role). The 3 course-days consist of morning lectures and afternoon small group sessions (teaching, cases, and real-life scanning demonstration). It covers areas from the basic MRI physics to the use of CMR in every day clinical practice, such as diagnosis of myocardial ischaemia, cardiomyopathies and heart failure. It also includes induction into MRI safety issues and live scanning demonstration. The course will conclude with a comprehensive self-examination.

## Entry Requirements and fees

Attendance is open to medical graduates (physicians/surgeons), medical physicists and computational modelers with an interest in cardiovascular imaging.

The course fee is £350 for external candidates, £94.50 for internal candidates (KCL, GSTT and KCH).

Contact: [jasbir.bains@kcl.ac.uk](mailto:jasbir.bains@kcl.ac.uk) at the Division of Imaging Science and Biomedical Engineering, KCL.

Apply online using the following website:

<https://www.kcl.ac.uk/prospectus/shortcourses/index/name/scmr-level-1-may-2013/keyword/medicine>

Royal Colleges of Physicians CPD approved: 18 CPD points

## Department of Cardiovascular Imaging

The Department of Cardiovascular Imaging provides a state of the art clinical adult and paediatric CMR service with over 2000 yearly referrals. We are also an active research department for development of novel imaging techniques and their translation into robust clinical applications. Our broad clinical research interests cover all areas of cardiovascular disease, including myocardial ischaemia (coronary artery disease, heart attack), cardiomyopathy, heart failure (electrophysiology and device therapy) and congenital heart disease, central and peripheral vascular disease.

Course directors: Prof Eike Nagel, past president of SCMR, has a long standing history of teaching and training and is one of the world leaders of the field of CMR. His prime interest is in detection and quantification of myocardial ischaemia. Dr Valentina Puntmann is a Senior Lecturer in Translational Medicine and Cardiovascular Imaging. She is a keen promoter of training, education and translation of imaging methods through multimodality clinical research, including CMR and echocardiography.

Course faculty: Division of Imaging Sciences provides an exceptional faculty of internationally renowned experts in the field of cardiac MRI, covering areas from MRI physics to the use of CMR in diagnosis of myocardial ischaemia, cardiomyopathies and heart failure. This course is additionally reinforced by an experienced team of radiographers in clinical CMR imaging and also advanced cardiovascular applications. The course faculty is further supported by guest speaker with an exceptional tenure in SCMR courses - Dr Stephen Harden, Southampton and Dr Sven Plein, Leeds University.

For further information please refer to the department's website:

[www.kcl.ac.uk/medicine/research/divisions/imaging/departments/cardio/index.aspx](http://www.kcl.ac.uk/medicine/research/divisions/imaging/departments/cardio/index.aspx)

**PHILIPS**  
sense and simplicity

Industrial partners: course is supported by Philips Healthcare.

