

Course Faculty

Prof Dr Eike Nagel

Goethe CVI, Frankfurt am Main

PD Dr Valentina Puntmann

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PD Dr Andreas Rolf

Kerckhoff Clinic, Bad Nauheim

Dr Heiner Latus

German Heart Centre, Munich

With support from the
Departments of Cardiology and Radiology,
University Hospital Frankfurt

Course Sponsors



The scientific director and the speakers confirm the product neutrality of the program and the presentations. Potential conflicts of interest will be announced prior to each presentation.

The course is expected to be awarded with
10 CME Credits (LAEHK)



**SCMR level 1
certification course**

Venue

Institute for Experimental and Translational
Cardiovascular Imaging

Goethe CVI

University Hospital Frankfurt

Haus 25B (ground floor)

Theodor Stern Kai 7

60590 Frankfurt am Main

How to get there:

From Frankfurt Hauptbahnhof:
Tram 12 or 21 (direction: Stadion; station:
Universitätsklinikum)

How to register:

Email: cvi-courses@kgu.de
Website: www.cardiac-imaging.org
Telephone +49-69-6301-86763
Fax: +49-69-6301-7983

Course Fee: 200, - €

Online bank transfer:

IBAN: DE 32 5005 0201 0000 3799 99

BIC: HELADEF1822

Reference: 9405309 (important!)

Free of charge for Members of DZHK Rhein-Main,
cardiologists, radiologists and students from Frankfurt,
Bad Nauheim and Mainz

Course is given in English



Institute for Experimental and Translational
Cardio Vascular Imaging
University Hospital Frankfurt

Cardiac magnetic resonance in everyday clinical practice

December 10th-11th 2018
Frankfurt am Main



Course directors and faculty:

Prof Dr Eike Nagel

PD Dr Valentina Puntmann

PD Dr Andreas Rolf

Dr Heiner Latus

About the Course

This is a 2-day introductory course on CMR for everyone: Clinicians (cardiologists, radiologists, physicians-internal medicine), cardiac radiographers, CMR physicists and engineers. The course objective is to outline the role of CMR in diagnosis and clinical management of heart disease, including ischemia and heart failure, cardiomyopathies, congenital heart disease, in guiding medical treatment, coronary intervention and the use of medical devices. Lectures, interactive clinical cases, live cases and post-processing sessions will link the theoretical knowledge with the application in the daily clinical routine. **The course is given in English.**

About the Faculty

Prof Nagel is Director of the Institute for Experimental and Translational Cardiovascular Imaging at University Hospital Frankfurt (Goethe CVI). In 2015, he was appointed DZHK Professor. He leads the Interdisciplinary Cardiovascular Imaging in the Departments of Cardiology and Radiology at the University Hospital Frankfurt, supporting a state-of-the art clinical service and translation of research findings into clinical routine. He is founding member and Past President of the SCMR.

PD Dr Puntmann is Deputy Head of Goethe CVI and senior clinical investigator. Her research focuses on biomarker and drug discovery in non-ischaemic cardiomyopathies (T1 and T2 mapping) and has years of experience in CMR teaching and training.

PD Dr Rolf is Deputy Director of Cardiology and head of cardiac imaging at Kerckhoff Heart-Centre. He is lecturer on cardiovascular imaging and general cardiology at the University of Gießen. His scientific interest are imaging bio- markers and imaging of pulmonary hypertension.

Dr Latus is a paediatric cardiologist and CMR Fellow in paediatric and congenital heart disease at the German Heart Centre Munich. His research focuses on CMR on pathophysiology of RV failure, pulmonary hypertension and single-ventricle circulation. He is a member of the German Paediatric Pulmonary Vascular Disease Network AEPC working group in Pulmonary Hypertension and Heart Failure.

MONDAY December 10th 2018

08:30-09:00 REGISTRATION

09:00-09:15 Welcome and Objectives

09:15-10:00 From Physics to protocols

10:00-10:30 CMR Planning and scanning

10:30-11:00 CMR post-processing

11:00-12:00 LV/RV Post processing

12:30-13:30 Lunch Break

13:30-14:30 Introduction into LGE

14:30-15:30 CMR in Chest Pain

15:30-16:30 Interactive Cases

16:30-16:45 Tea/Coffee break

16:45-17:30 Tissue contrast mapping: T1/T2 mapping

17:30-18:00 CMR in heart failure

18:00-19:00 Cardiomyopathies



TUESDAY December 11th 2018

08:00-09:00 Clinical indications and Outcome

09:00-09:45 Live-scanner session 1

09:45-10:00 Tissue contrast mapping: T2* mapping

10:00-10:15 Tea/Coffee break

10.15-11:00 Live-scanner session 2

11:00-12:30 Interactive Cases

12:30-13:30 Lunch Break

13:30-14:30 Congenital Heart Disease I

14:30-15:30 Congenital Heart Disease II

15:30-16:15 Tea/Coffee Break

16:15-16:30 Clinical CMR service setup

16:30-17:00 CMR in a multimodality clinical practice

17:00-18:00 Self-evaluation and mock exam

18:00 Course Adjourn

