

Course Faculty

PD Dr Valentina Puntmann

Goethe CVI, Frankfurt am Main

Prof Dr Eike Nagel

Goethe CVI, Frankfurt am Main

PD Dr Andreas Rolf

Kerckhoff Clinic, Bad Nauheim

Dr Rocio Hinojar Baydes,

Ramon Y Cajal Hospital, Madrid, Spain

Dr Heiner Latus

German Heart Centre, Munich

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

Course Sponsors

(each sponsor 500€, the total cost of the event 2000€)

TBC

Endorsements

TBC

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 will be awarded with
16 CME Credits Category A by LAEKH TBC.**

About the Course

This is a 2-day introductory course on tissue characterisation with focus on T1 and T2 mapping. The course is designed for clinicians, radiographers, CMR physicists and engineers. The course objective is to provide an overview of T1 and T2 mapping techniques and their current application in diagnosis and clinical management of heart disease, including heart failure, inflammatory, hypertrophic and infiltrative cardiomyopathies. The course consists of lectures, interactive clinical cases, live streaming from the scanner and post-processing sessions. We will link the theoretical knowledge with the application in the daily clinical routine. The participants will receive support with the exam-cards and access to online webinars.

The course is given in English.

Venue

Institute for Experimental and Translational
Cardiovascular Imaging
Goethe CVI Academy
University Hospital Frankfurt
Haus 25B (ground floor)
Theodor Stern Kai 7
60590 Frankfurt am Main

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: 310, - €

Online bank transfer:

IBAN: DE08 1101 0100 2042 3262 80

BIC: SOBKDE88XXX

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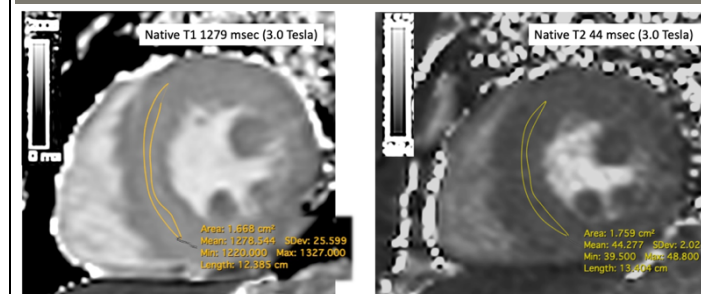


Goethe CVI

Institute for Experimental and Translational
Cardio Vascular Imaging
University Hospital Frankfurt

T1 and T2 mapping in everyday clinical practice

September 24th-25th 2020
Frankfurt am Main



Course directors and faculty:

PD Dr Valentina Puntmann

Prof Dr Eike Nagel;

PD Dr Andreas Rolf,

Dr Rocio Hinojar

Dr Heiner Latus

About the Faculty

Priv. Doz. Dr Puntmann, MD, PhD is Consultant Physician, Cardiologist and Clinical Pharmacologist. She is Deputy Head, Senior Clinical Investigator and the Fellowship Programme Lead at Goethe CVI. She is Principal Investigator of the International T1 Mapping Outcome Study (est. 2010) and has authored several key papers of the T1 and T2 mapping field. Her research focuses on translation of therapeutic algorithms supported by imaging biomarkers into clinical practice.

Prof. Dr. Nagel, MD, PhD is Director of the Institute for Experimental and Translational Cardiovascular Imaging at University Hospital Frankfurt. He was appointed a DZHK Professor in 2015. He leads the Interdisciplinary Cardiovascular Imaging Service (CMR and CT) jointly with Depts of Cardiology and Radiology, delivering 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 Rolf, MD is Deputy Director of Cardiology and Head of Cardiac Imaging at Kerckhoff Heart-Centre. He is Lecturer in Cardiovascular Imaging and General cardiology at the University of Gießen. His scientific interests include imaging biomarkers and imaging of pulmonary hypertension. He is Board Member of German Society of Cardiology CMR Section.

Dr Rocio Hinojar, MD, PhD is Clinical Lecturer in Cardiovascular Imaging, consultant cardiologist and research coordinator in the Cardiology department at Ramon y Cajal University Hospital, Madrid, Spain. Her research projects focus on the application of novel imaging biomarkers for the detection of cardiovascular disease particularly in the setting of inflammatory cardiac

conditions. She is Board Member of Spanish Society of Cardiology Cardiovascular Imaging Section.

Day 1

08:30-09:00 REGISTRATION

09:00-09:15 Welcome and Objectives

09:15-10:00 Overview – why tissue mapping?

10:00-10:30 Physics Essentials - T1 and T2

mapping I

10:30-11:00 Acquisition - T1 and T2 mapping

11:00-12:00 Live- scanner -session 1

12:30-13:45 Lunch Break

13:45-14:45 Essential Postprocessing and

interpretation (Normal/Abnormal Values)

14:45-15:45 Live- scanner -session 2

15:45-16:00 Tea/Coffee break

16:00 - 16:45 Hypertrophic Cardiomyopathies

16:45-17:45 Interactive Cases

17:45-18:00 Heart Failure

Day 2

08:30-09:30 Interactive Cases

09:30-10:30 T1 and T2 mapping in ACS

10:30-10:45 Tea/Coffee break/Sandwiches

10:45-11:45 Systemic Inflammatory Diseases

11:45-12:45 Interactive Cases

12:45-13:30 Infiltrative Cardiomyopathies

13:30-14:00 Cardiac Iron Overload

14:0-14:30 Advanced Physics - Quo Vadis

14:0-14:30 Self-evaluation

15:00 Course adjourn