



Ulm, 26-27 September 2024

Day 1 - Thursday September 26th, 2024

8.00 Registration

8.45 Opening remarks Welcome and Introduction

SESSION 1 • ANATOMY AND TECHNIQUE

9.00 Cardiac anatomy (CMR and CCT)	Christian Ritter/D
9.20 Coronary anatomy including anomalies	Steffen Klömpken/D
9.40 Cardiac MRI: patient preparation, determination of heart axes and protocols	Meinrad Beer/D
10.00 Cardiac CT: patient preparation, ce management, radiation issues and protocols	Meinrad Beer/D
10.20 Coronary artery disease: Calcium Score and Plaque imaging	Horst Brunner/D
10.40 Reporting including CAD-RADS	C. Hackenbroch/D
11.00 Coffee break	
11.20 Parametric Mapping (T1, T2, T2* mapping)	Hildo Lamb/NL
11.40 Interactive session 1 CMR and CCT case review: anatomy and technique	Whole Faculty
13.30 Lunch	

SESSION 2 • CCT AND CMR: TOP INDICATIONS. ISCHEMIC HEART DISEASE

14.30 CAD: guidelines and expectations on the part of cardiology	Ralf Birkemeyer/D
14.50 CMR in Ischemic Cardiomyopathy	M. Radermacher/D
15.10 CT in Ischemic Cardiomyopathy	Lukas Lehmkuhl/D
15.30 Imaging of revascularized patient (CCT/CMR)	Chr. Skrabal Ulm/D?
15.50 CCT perfusion/ FFR vs. stress CMR: pros and cons	A. Kallifatidis/GR
16.10 Interactive session 2 CMR and CCT case review: Imaging of CAD	Whole Faculty
18.00 End of session	

Day 2 - Friday September 27th, 2024

SESSION 3 • CMR: TOP INDICATIONS. NON ISCHEMIC HEART DISEASE

9.00 Non ischemic heart disease: guidelines and expectations on the part of cardiology	Dominik Buckert/D
9.20 LGE in non ischemic myocardial diseases plus ECV	Marco Francone/IT
9.40 Myocarditis: imaging up to date	Matthias Gutberlet/D
10.00 DCM, HCM and beyond	Maja Pirnat/SLO
10.20 Athletes heart	Alves Costa/PT
10.40 Heart failure (including iron overload etc.)	Meinrad Beer Ulm/D
11.00 Coffee break	
11.30 Interactive session 3 CMR and CCT case review: Imaging of non-IHD	Whole Faculty
13.30 Lunch	

SESSION 4 • CCT AND CMR: further APPLICATIONS and EMERGING APPLICATIONS

14.30 CMR and CCT: challenges, artifacts and solutions	Luigi Natale/IT
14.50 Imaging of Congenital Heart disease	Horst Brunner/D
15.10 Imaging in cardio-oncology	Jens Bremerich/CH
15.30 Valvular imaging including 4D Flow	G&U Reiter/AUT
15.50 Artificial intelligence in cardiac imaging	Hildo Lamb/NL
16.10 Interactive session 4 CMR and CCT CCT and CMR: further applications	Whole Faculty
17.30 Test	
18.00 End of session	

External and Internal Faculty

Internal

Department for Diagnostic and Interventional Radiology

Department for Internal Medicine II

Department for Cardio-Thoracic-Vascular Surgery

Prof. Dr. Meinrad Beer

Dr. Horst Brunner

Prof. Dr. Dominik Buckert

Steffen Klömpken

Dr. Michael Radermacher

PD Dr. Christian Skrabal

External

Prof. Dr. Ralf Birkemeyer/Ulm/D

Prof. Dr. Jens Bremerich/Basel/CH

Prof. Dr. Alves Costa/Porto/PT

Prof. Dr. Marco Francone/Milano/IT

Prof. Dr. Matthias Gutberlet/Leipzig/D

PD Dr. Carsten Hackenbroch/Ulm/D

Prof. Dr. Alexandros Kallifatidis/Thessalonik/GR

PD Dr. Oliver Klass/Köln/D

Prof. Dr. Hildo Lamb/Leiden/Netherlands

Prof. Dr. Lukas Lehmkuhl/Bad Neustadt/D

Prof. Dr. Luigi Natale/Roma/IT

Dr. Maja Pirnat/Maribor/SLO

Prof. Dr. Ursula Reiter/Graz/AUT

Prof. Dr. Gerd Reiter/Graz/AUT

Prof. Dr. Christian Ritter/Amberg/D

General Informations

Background: This course is part of an education initiative of twelve European universities, supported by the European Commission (ICP-92-B- 1071/12), aiming at the implementation of a standard course for the EC. The students are evaluated at the end of the courses and the Erasmus certificate is awarded to those who have successfully completed the entire series of courses within a three year period. The Erasmus Program is now incorporated in the SOCRATES program.

Course objectives: This course focuses on teaching of clinical applications of MR imaging of the heart and vascular system, with CT correlation. Issues relevant to daily clinical practice will be discussed in plenary sessions. Experts in the field using selected case material, displayed on workstations, provide more extensive individual teaching. The course is accessible for 50 participants.

Who should attend: Radiologists, Cardiologists, Residents in radiology and cardiology, and Physicists who currently are, or in the future will be working with cardiovascular MRI and CT are given the opportunity to get acquainted with basic as well as advanced applications of MRI and CT in cardiovascular diagnosis.

Certificate: Those who pass a written examination at the end of the course will receive a certificate.

EACCME: applicated

Course Venue: Ulm University Medical Center, Ulm, Germany. Follow signs to course registration at the UKU – Albert-Einstein-Allee 23, 89081 Ulm, or go to the reception at the main entrance and ask for directions

Course Fee: € 600 for the 2-day course onsite (trainees / residents € 400, have your status certified by your head of department), 300€ for online participation. The registration includes a handout, coffee, and lunches. Hotel is not included but we have a special hotel offer.

Cancellation: Refund of registration fee (minus 20%) will be made when cancellation is received at least 2 weeks prior to the course.

Course organization: Local: Meinrad Beer (Ulm, D)

Correspondance: Aanchal.Sunil@uniklinik-ulm.de

Ulm, 03th July 2024

Meinrad Beer on behalf of the Ulm organising team