



Ulm, 26-27 September 2024 – first announcement

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)

9.20 Coronary anatomy including anomalies

9.40 Cardiac MRI: patient preparation, determination of heart axes and protocols

10.00 Cardiac CT: patient preparation, contrast agent management, radiation issues and protocols

10.20 CMR and CCT: challenges, artifacts and solutions

10.40 Coffee break

11.00 Coronary artery disease: Calcium Score and Plaque imaging

11.20 Reporting including CAD-RADS

11.40 Interactive session 1 | CMR and CCT mentored case review: anatomy and technique

13.30 Lunch

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

14.30 CAD: guidelines and expectations on the part of cardiology

14.50 CMR in Ischemic Cardiomyopathy

15.10 CT in Ischemic Cardiomyopathy

15.30 Imaging of revascularized patient (CCT/CMR)

15.50 CCT perfusion/ FFR vs. stress CMR: pros and cons

16.10 Interactive session 2 | CMR and CCT mentored case review: Imaging of Ischemic Heart Disease

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
- 9.20 LGE in non ischemic myocardial diseases plus ECV
- 9.40 Parametric Mapping (T1, T2, T2* mapping)
- 10.00 Myocarditis: imaging up to date
- 10.20 DCM, HCM and beyond
- 10.40 Heart failure, storage disease and Iron Overload
- 11.00 Coffee break
- 11.30 Interactive session 3 | CMR and CCT mentored case review: Imaging of non Ischemic Heart Disease
- 13.30 Lunch

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

- 14.30 Imaging of Congenital Heart disease
- 14.50 Imaging in cardio-oncology
- 15.10 Valvular imaging including 4D Flow
- 15.30 Regional function including strain
- 15.50 Artificial intelligence in cardiac imaging
- 16.10 Interactive session 4 | CMR and CCT mentored CCT and CMR: further applications
- 17.30 Test
- 18.00 End of session

External and Internal Faculty

Internal

Department for Diagnostic and Interventional Radiology

Department for Cardiology

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, lunches and a social event. 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)

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Ulm, 14th December 2023