

COURSE SCHEDULE

Cardiac CT Imaging with Multi-Slice (*part № CT8CARDIO*)

This two-day course is designed for **Technologists**. The course will emphasize the principles, clinical applications, and latest advances of cardiac CT imaging. It is intended to assist you in applying protocol techniques, enhancing your post-processing practice skills, and providing you with current and future developments.

The course format is a combination of lectures, video demonstrations of the entire scanning procedure and 3D post-processing hands-on sessions.

The classroom setting provides an optimal environment for learning without distractions and many opportunities for questions and answers.

Day 1:

- Welcome and Introduction to course
- Introduction of all participants
- Explanation of course content
- Overview of course objectives
- Lecture on **Cardiac CT Fundamentals** and discussion including
 - CT scanner requirements
 - Cardiac Image Reconstruction
 - Patient preparation
- **Examination** demonstration (video) and discussion
- Lecture on **Cardiac CT Anatomy** with demonstration on Multi Modality Workplace
- Lecture on **Standard Coronary Projections and Cardiac Views** with demonstration
- **Post-processing methods VRT and InSpace** with demonstration

Day 2:

- **Calcium Scoring** with demonstration
- Lecture on **Cardiac Artifacts** and discussion
- Lecture on stenosis quantification and LV function evaluation with demonstration on **syngo Circulation** software
- Labs and **basic image interpretation**
- Review and Quiz on all topics discussed