COURSE AGENDA
CT Advanced Clinical Options *(part № CT8OPT)*

This course is designed for both **Physicians and Technologists**. The course curriculum will provide a comprehensive review with the latest Computer Tomography post-processing computer technology. The course content is chosen to allow the students to learn advanced concepts and software options in a systematic and coherent fashion using Multi Modality Workplaces (formerly known as the Leonardo). A combination of classroom based exercises and hands on training provide ample instruction in a superior learning atmosphere. 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 and participants
- Explanation of course content and course objectives
- Discussions on **protocol optimization** for CTA Imaging
- Lecture on Basic principles of 3D Post Processing Programs with demonstration of **MPR, MIP, SSD, Object Editor and VRT**

Day 2:

- **InSpace including Bone Removal and Advanced Vessel Analysis** with demonstration
- **Colonography** with demonstration
- **Lung Care** with demonstration
- **Perfusion CT** with demonstration
- **Neuro DSA** with demonstration

Day 3:

- **Calcium Scoring** with demonstration
- ***syngo*** **Circulation** (Quantitative Coronary Analysis, Left Ventricular Volume Measurements) with demonstration
- **3D Fly-through** with demonstration
- **Dental** with demonstration
- **Dynamic Evaluation** with demonstration
- **Osteo** with demonstration

The order of the course may change to accommodate the requirements of the attendees.

COURSE SCHEDULE
Advanced *syngo* *(part № CT83DADV)*

This course, for the **Physicians and Technologists**, will provide a comprehensive review with the latest post-processing computer technology in **3D Vascular Imaging**. The course content is chosen to allow the students to learn advanced concepts in a systematic and coherent fashion. A combination of classroom based exercises and hands-on training provide ample instruction in a superior learning atmosphere. The classroom setting provides an optimal environment for learning without distractions and many opportunities for questions and answers.

Day 1 (half day):

- Welcome and Introduction to course and participants
- Explanation of course content
- Overview of course objectives
- Discussions on **protocol optimization** for CTA Imaging
- Lecture on Basic principles of 3D Post Processing Programs
- Demonstration of **MPR, MIP, SSD, Advanced Editor**

Day 2:

- Continuation of 3D Demonstration of **MPR, MIP, SSD, Advanced Editor**
- **Volume Rendering Technique** with demonstration
- **InSpace** with demonstration

Day 3:

- Continuation of **InSpace including Bone Removal and Advanced Vessel Analysis**
- **Fly Trough** with demonstration
- **Dynamic Evaluation** with demonstration