



Deutsche Akademie
für Mikrotherapie

DAFMT

International School of Image-Guided Interventions

User-Workshop SIEMENS Artis eego / Zee

Maximum number of participants: 8

Tutors Jens Ricke
Julian Jürgens

Duration: 1 or 2 days, second practical day can be booked additionally, Practical section optionally using phantom or a large animal model

Course fee: on request

Day 1 – Theoretical part (9:00-16:00)
Experimentelle Fabrik, Magdeburg
Hands-on part with use of phantom models
(Aneurysm vascular model, spine model)

9:00 System operation – theory (20 min)

- Use of the operation panel, simulation of examinations, post-processing and quantification

9:20 System operation – hands-on (40 min)

- Practical exercises for console operation and image post-processing and quantification

10:00 Overview of advanced applications– theory (15 min)

- Syngo DynaCT, syngo InSpace 3D (3D Angio), syngo iGuide, syngo iPilot, syngo iDentify, PBV

10:15 The syngo X-Workplace – theory (45 min)

- Syngo patient list, syngo viewing, loading a 3D volume, techniques of 3D data set reconstruction (ZYNA-CT, InSpace 3D/3D Angio), dual volume visualization, vessel analysis, PACS archiving

11:00 coffee break

11:15 Rotational angiography – theory (30 min)

- Workflow of DR-DYNAVISON, DSA-DYNAVISON, 3D DR & 3D DSA
- Clinical examples

11:45 Rotational angiography – hands-on I (1 h 15 min)

- Practical exercises on the use of DR-Dynavision, DSA- Dynavision, DR 3D, 3D DSA and iPilot on a vascular aneurysm model
- Practical exercises on imaging post-processing with the syngo X-Workplace

13:00 lunch together



13:30 Rotational angiography – hands-on II (1 h 15 min)

- Practical exercises on the use of DR-Dynavision, DSA- Dynavision, DR 3D, 3D DSA and iPilot on a vascular aneurysm model
- Practical exercises on imaging post-processing with the syngo X-Workplace

14:15 iGuide Needle-Guidance – theory (15 min)

- Workflow of iGuide Needle Guidance, clinical examples

14:30 iGuide Needle-Guidance – hands-on (60 min)

- Practical exercises using iGuide needle guidance on the spine model

Day 2 – Practical Part (9:00-16:00); Experimentelle Fabrik, Magdeburg Hands-on course with use of a large animal model

9:00 General Radiology (3 hours)

- Practical exercises on the operation panel, image post-processing
- Practical exercises on the use of DR-Dynavision, Dynavision DSA, 3D and 3D DSA, i-Pilot
- Practical exercises using iGuide needle guidance
- Practical exercises on image reconstructions using the syngo X-Workplace

12:00 lunch together

Neuroradiology

12:30 Theory (20 min)

- step-by-step examination workflow
- clinical examples: cerebral aneurysm coiling after SAH, aneurysm follow-up, stent visualization, DYNA-CT of the temporal bone, PBV in acute stroke

13:00 Hands-on (3 hours)

- Practical exercises on the use of 3D DSA, iPilot, identify the neurocranium
- Practical exercises on DYNA-CT of the temporal bone & PBV measurements
- Practical exercises on image reconstructions using the syngo X-Workplace

Further information: www.dafmt.com

Deutsche Akademie für Mikrotherapie e.V.
Leipziger Straße 44
39120 Magdeburg
www.dafmt.de • info@dafmt.de

Wissenschaftl. Leiter: PD Dr. med. Max Seidensticker
Kursmanagement: Annika Kral
Tel.: +49 (0)391 671 55 61
Fax: +49 (0)391 671 30 29

Steuernummer: 102/142/10903
Deutsche Bank
IBAN: DE59810700240502097900
BIC: DEUTDE33HAN