

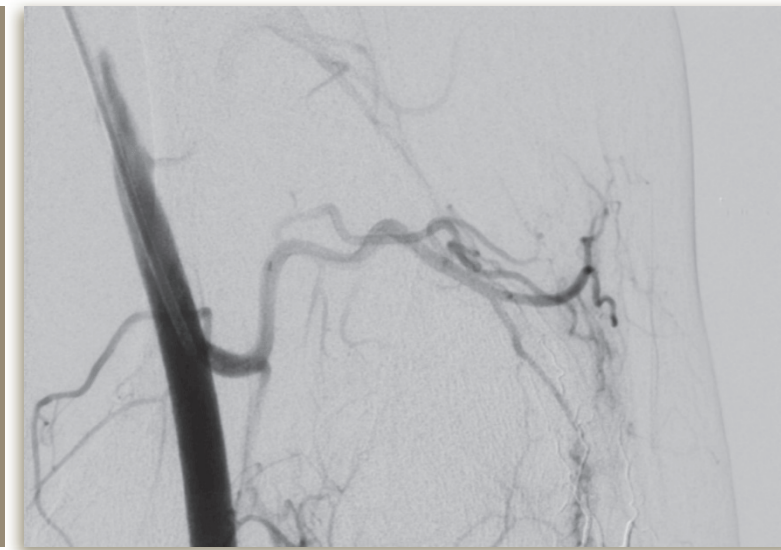


exclusive training programmes in minimally invasive treatment techniques

interdisciplinary teaching

modern hands-on trainings in small groups (using phantoms or animal models)

individualised workshops on request



Course directors:



Walter Wohlgemuth, Professor and Head of the interdisciplinary center for vascular anomalies
University Hospital Regensburg



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Master class: Onyx embolisation of vascular malformations and Endoleak repair after EVAR

Date: 8-9 December 2016

With kind support of





Course objective

Conquering vascular malformations is somewhat the holy grail of the interdisciplinary interventional community. Vascular malformations can be extremely demanding to manage and although non-malignant, they are frequently associated with hereditary syndromes, aggressive growth and a tendency to recurrence despite all preventing efforts. In addition, vascular malformations are rare and their individual properties make each of these tumours unique.

Aortic endoleaks after EVAR are a frequent challenge for IRs. The first question is if this particular endoleak even needs to be treated and if so, what is the best therapeutic approach?

For both clinical issues the key to success for each interventionalist is in-depth knowledge, experience in microcatheter techniques and the use of liquid embolics. Among those, Onyx® embolisation has proven to be a popular choice.

In this training course, participants will not only gain theoretical knowledge of the appropriate diagnosis and classification of vascular malformations and endoleaks in particular, but also valuable hands-on experience. Divided into small groups, participants train the use of Onyx, sclerosants, plugs and coils using a large animal model. To incorporate the theoretical knowledge into a clinical setting, real clinical cases will be discussed and AVM embolisation cases as well as endoleak repair after EVAR will be observed.

CURRICULUM

Master Class: Onyx embolisation of vascular malformations and Endoleak repair after EVAR

Day 1 (08:00-16:30)

Hands-on day

Meeting venue:

Institute of Medical Technology and Research, Rottmersleben (<http://www.imtr.de>)

08:00 Fundamentals of AVM embolisation with Onyx (all)

09:00 Participants will be divided into 2 groups.
Group 1: Hands-on using a large animal model with simultaneous access to 2 workplaces
Group 2: Basics
Vascular malformations

- Classification of vascular malformations
- Diagnostic workup of vascular malformations and associated syndromes: clinical assessments and imaging
- Specifics of AVMs
- Embolisation techniques for AVM
- Indications for treatment, treatment endpoints
- Sclerosants and embolic agents, catheters, plug and push techniques

Endoleak embolisation

- Classification of endoleaks after EVAR
- Diagnostic workup
- Current data and treatment indications
- Technical choices: vascular or translumbar?
- Embolics, coils or else?

Case discussions

(Vascular malformations, Endoleaks)

13:00 Lunch break

13:30 Group 1, 2: 13:30 – 16:00 switch between groups

16:00 Q&A, wrap up

19:30 Dinner and social programme (tbd)

Day 2 (08:00 – 15:00)

Clinical case demonstrations

Meeting venue:

University Hospital Magdeburg, Department of Radiology and Nuclear medicine, Interventional suite

08:00 Clinical cases: AVM and endoleak embolisation with Onyx

in between Coffee break, working lunch

14:00 Question & answers, course evaluation, performance test

15:00 End

Max. no. of participants: 8-10

Course duration: 2 days (Thu + Fri)

Target group: Interventional radiologists with experience in microcatheter and embolisation techniques, as well as their “team mates” from their home institution