9th SALZBURG HANDS-ON WORKSHOP
ON MICRO SURGICAL AND ENDOVASCULAR TECHNIQUES, WITH LIVE ANIMALS

DECEMBER 09 TO 12, 2020

Christian Doppler Medical Center, Research Laboratory for Microsurgical Neuroanatomy
Course Director: Rahman A. Al-Schameri, M.D.
Course Secretary: S. Thakur, M.D.
Chairman: Peter A. Winkler, M.D., Ph.D
GOALS & CONCEPT
HANDS-ON WORKSHOP
ON MICROSURGICAL AND ENDOVASCULAR TECHNIQUES, WITH LIVE ANIMALS

HOW TO MAKE DECISION
HOW TO CLIP COIL/STENT
HOW TO AVOID COMPLICATIONS

COMPLEX CEREBRAL ANEURYSMS
9th SALZBURG HANDS-ON WORKSHOP

TOPICS

Basics
- Basics of microsurgical techniques
- Basics of endovascular techniques – Aneurysm / Stroke
- Basics of cerebral revascularization
- Surgical revascularization - bypass
- Endovascular revascularization - Stroke
- Hands on technique on live animal
- Nerve cooptation

Lectures & update
- Neurosurgical /endovascular management of cerebral aneurysms
- Neurosurgical /endovascular management of acute and chronic stroke
- Management of giant aneurysms
- Intra-extracranial stenosis, stent & carotid endarterectomy
- Complications avoidance

Educatioinal Objektives
- Overview about diagnostik and therapeutically options in CVD
- Improvement of microsurgical skills
- Principle and philosophy of endovascular surgery – Case discussion
- Risk assessment
- Establishment of M&M conference
Modern micro neurosurgery-training should enable the neurosurgeon to work easily and effortlessly through the operating microscope. In order to accomplish this it is essential that adequate laboratory animal training is available and can be used. The first step in microsurgery is to acquire skill and proficiency in the handling of the mobile operating microscope. This includes the understanding of basic optical and mechanical construction of the microscope as well as its principles as applied to neurosurgical procedures. Preparation, practice, and proficiency with microsurgical instruments are also indispensable for developing skills for precisely manipulating magnified tissue structures. Additionally the increasing demand of understanding the principle of endovascular technique by the treatment of many cerebrovascular diseases oblige the neurosurgeons to be educated not only in the open surgical field as well as in the endovascular surgery, this provides the safety and gives you the ability to choose without bias the best treatment option for your patient. The ultimate success in clinical microsurgery depends on acquisition and application of these special skills. For that very reason the Research Laboratory for Microsurgical Neuroanatomy at the Department of Neurosurgery has been established at the Christian Doppler Medical Center, Paracelsus Medical University Salzburg. We invite you to join our 9th Salzburg Hands-on Workshop on Microsurgical and Endovascular Techniques for Cerebral Revascularization and we are looking forward to spending very interesting and stimulating days in Salzburg with you.
The tuition fee and registration amounts to Euro 750,00. You will receive an invoice after registration.

Tuition fee includes the following:
1. Course materials including Anastomosis Training Kit®
2. Microscope, suture, micro-instruments
3. Hands-on workshop with live animals,
4. Gloves, syringes and needles, sterile fluids
5. Surgical gowns
6. IT-equipments and Auditorium facilities
7. Refreshment breaks and lunch
8. Dinner on Friday
9. Certificates

Location:
Christian Doppler Medical Center
Research Laboratory for Microsurgical Neuroanatomy (Haus 15)
Ignaz Harrer Str. 79
5020 Salzburg

Für das Diplom-Fortbildungs-Programm der Österreichischen Ärztekammer wurden 36 DFP-Punkte beantragt.