



APPLICATION SAFETY

ADVANCED CRANIAL APPROACHES

Product training for safe application of Aesculap Aeos®

25 – 26 March 2024
Tuttlingen | Germany

Microsurgery of the central nervous system vessels is one of the most sophisticated and technically demanding parts of neurosurgery. It necessitates a deep knowledge, experience and continuous practice of surgical skills for different cranial approaches in order to achieve the optimal results. This is especially important for advanced cranial approaches to complex lesions for which microsurgical treatment becomes challenging. The development of microsurgical technics is nowadays supported by many technological solutions such as digital visualization. The connection of deep anatomical knowledge and surgical skills combined with the benefits of comprehensive intraoperative visualization are an essential factor to diminish complexity.

PREFACE

The objective of the course is to familiarize the participants with advanced cranial approaches and the safe application of the Aesculap Aeos® digital microscope in microsurgical treatment of vascular lesions.

The training is oriented on practical hands-on sessions of cranial approaches on human specimens for experienced neurosurgeons. The participants will have the opportunity to take part in lectures focusing on advanced approaches, visualization and dedicated equipment for microsurgery. Each technique will be presented by an expert and demonstrated in the practical hands-on sessions. The lectures and hands-on workshops will be followed by discussions on decisions making and clinical challenges.

Fady T. Charbel, MD
University of Illinois Chicago

Radim Lipina, MD
University of Ostrava

Martin Lehecka, MD
University of Helsinki

Harald Dreher
Aesculap AG

PROGRAM

MONDAY, 25 MARCH 2024

8.30 am	Introduction & Welcome	All
8.45 am	Latero-supraorbital approach & minipterional approach: comparison and advantages	M. Lehecka
9.15 am	Introduction of equipment and lab housekeeping ■ Aesculap Aeos® ■ ELAN 4 ■ MINOP® TEAM – endoscope-assisted neuroendoscopy	R. Lipina H. Dreher
9.45 am	Coffee break	
10.00 am	1.1 Practical hands-on approach with Aesculap Aeos® and ELAN 4 ■ Latero-supraorbital approach	M. Lehecka
11.15 am	1.2 Practical hands-on approach with Aesculap Aeos® and ELAN 4 ■ Minipterional approach	M. Lehecka
12.30 pm	Lunch	
1.30 pm	Showroom visit	
2.00 pm	Anterior clinoidectomy	F. T. Charbel
2.15 pm	2.1 Practical hands-on approach with Aesculap Aeos® and ELAN 4 ■ Anterior clinoidectomy	F. T. Charbel
3.45 pm	Coffee break	
4.00 pm	2.2 Practical hands-on approach with Aesculap Aeos® and ELAN 4 ■ Extending the approach to the cavernous sinu	F. T. Charbel
5.30 pm	End of day	
5.30 pm	Optional: Museum visit	
7.00 pm	Course dinner	

PROGRAM

TUESDAY, 26 MARCH 2024

8.00 am	Optional: Factory tour aneurysm clip and micro-instrument production	
9.00 am	Subtemporal approach	M. Lehecka
9:15 am	3. Practical hands-on approach with Aesculap Aeos® and ELAN 4 ■ Subtemporal approach	M. Lehecka
10.45 am	Coffee break	
11.00 am	3. Continuation practical hands-on approach with Aesculap Aeos® and ELAN 4 ■ Subtemporal approach	M. Lehecka
12.30 pm	Lunch	
1.30 pm	Suboccipital approach – posterior fossa	R. Lipina
1.45 pm	4. Practical hands-on approach with Aesculap Aeos® and MINOP® TEAM ■ Suboccipital approach in semi sitting	R. Lipina
3.15 pm	Coffee break	
3.30 pm	4. Continuation practical hands-on approach with Aesculap Aeos® and ELAN 4 ■ Suboccipital approach in semi sitting	R. Lipina
4.45 pm	Closing remarks & wrap-up	
5.00 pm	End of course	



INFORMATION

FACULTY

Martin Lehecka, MD

University of Helsinki | Finland

Radim Lipina, MD

University of Ostrava | Czech Republic

SPECIAL GUEST

Fady T. Charbel, MD

University of Illinois Chicago | USA

INTERNAL EXPERT

Harald Dreher

Senior Business Development Manager Neurosurgery | Aesculap AG | Tuttlingen

VENUE

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INFORMATION

HANDLING FEE

As this training course is a course for safe application of our products, B. Braun might cover the occurring reasonable costs (including lectures, workshops, hotel accommodation, food & beverages). Reasonable costs have to be interpreted as the appropriate standard for the given location and must comply with the local laws, regulations and ethical standards of the participant.

If you are interested that one of your healthcare professionals should participate at the course, we kindly ask to contact your B. Braun contact person for registration.

COMPLIANCE

We would like to inform you, that B. Braun – being a full member of Med Tech Europe – has adopted as well the Code of Ethical Business Practice. We are committed to the following guidelines for all the events that we organize centrally. We also apply these guidelines in the direct interaction with healthcare professionals irrespective of their nationalities. We are neither permitted to cover meals, nor travel, accommodation or other expenses for spouses or guests of healthcare professionals. The travelling schedule has also to be directly related to the event. We kindly ask you to bear that in mind. Please find attached the link to the relevant Code of Ethical Business Practice for further information.

<https://www.medtecheurope.org/wp-content/uploads/2017/06/medtech-europe-code-of-ethical-business-practice-2022.pdf>

DATA PROTECTION

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For more information on data protection at the Aesculap Academy, please visit our [website](#).

Aesculap Aeos®



The Aesculap Academy® connects people who want to develop their skills in the healthcare sector. Medical excellence is redefined with innovative discoveries and developments – in the operating room, clinics, outpatient care and in healthcare management.

CONNECT. EXCHANGE. ENABLE.

We connect these healthcare professionals through advances in new technologies and methods so that they can exchange insights across our global network. We connect people face-to-face and digitally so that they can share experiences, perspectives, and theories.

Everyday life in hospitals and clinics can be challenging. Our goal is to empower the individuals that work in this sector with innovative, real-life education concepts. These concepts comprise cutting-edge research, improved simulation, insightful training, and significant content that shapes the future of medical care worldwide.

Aesculap Academy – part of the B. Braun Group

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