

PROGRAM

DAY 1 |

14.30-14.45 Introduction and welcome

14.45-15.15 „What Would YOU Do?” - Dariusz Szarek, MD, PhD

Disaster management - what to do if everything fails.

15.15-15.45 Anatomical Perls - head in layers - Dariusz Szarek, MD, PhD

Anatomical details important for neurosurgical approaches to implant Yasargil clips, useage of ELAN 4 for approach, how to set up system, choosing of right burs and drills, tips@tricks

15.45-16.15 Anatomical Perls - brain vessels variants - Prof Bogdan Ciszek

Vascular anatomical variants influencing safe vascular microsurgery to implant Aesculap Yasargil Clips.

16.15-17.00 Lunch

17.00-17.30 Anatomical details - Arachnoid membranes and cisterns - Prof Bogdan Ciszek

Building safe way for clip application. How to use Yasargil anerysm clip applicator

17.30-17.50 Dissecting placenta - practicing a arachnoid dissection to get to ananeurysm. Tools applicable - hands-on session - Prof Gonzales Darder

Preseting tool and techniques, using of digital microscope Aesculap Aeos, miccro instruments Aesculap, Elan4 drill and retractors Aesculap

17.50-19.00 Where to start, which aneurysm is the „easiest”? Clips - how to put it and and tear the vessels/aneurysm sack, narrow an artery, crush an atherosclerotic plaque - hands-on session - Dariusz Szarek, MD, PhD

Positioning, brain relaxation, vascular control, retraction, basics of clip application, contingency planning Case based discussion - real angiograms - preentation and using of micro instrument Aesculap Sensantion, Yasargil and Noir product lines

DAY 2 |

8.00 Introduction and welcome

8.45-9.15 **What to think about MCA aneurysm - Prof Martin Sames**
Minipterional - classic pterional, everyone „own” pterional approach.

8.15-8.45 What to think about ACA and AcoA aneurysm - Prof Martin Sames Dissection with „mini” openings like LSO, supraorbital, interhemospheric. These head opening will not interfere or minimally interfere with further dissection with pterional and its extension.

9.15-10.15 **All Faculty show their Perls idea - Prof Bogdan Ciszek**
Case based and experience based discussion (we present angiograms of real aneurysm and discuss between lecturers how to reach with direct comments on cadaver). How to reach different approaches using Elan 4, how to do the good trepanation with the Aesculap perforator. Right technique for craniotomy, choosing of right drills and burs

10.15-13.15 Case presentation and dissection - hands-on session - Dariusz Szarek, MD, PhD
Usage of different Aesculap micro neurosurgery instruments from aesculap portfolio, bipolar forceps Aesculap Yasargil and suctions cannula Aesculap Yasargil and Raabe

13.15-14.00 Lunch

14.00-14.30 **What to think about Supracaloid ICA aneurysm, ICA top, Pcom, AChA aneurysm - Dr Daniel Walsh**
Ways to expand visibility in the depth of Sylvian fissure.

14.30-15.30 All Faculty show their Perls idea - hands-on session - Dr med. Felix Göhre, PhD
Case based and experience based discussion (we present angiograms of real aneurysm and discuss between Faculty how to reach with direct comments on cadaver). How to reach different approaches using Elan 4, digital microscope Aesculap Aeos, micro instrument Aesculap retractor system Layla by Aesculap

15.30-18.30 Case presentation and dissection - hands-on session - Daniel Pavlišta
Usage of different Aesculap micro neurosurgery instruments, Aesculap suction cannula, how to set up digital microscope Aesculap Aeos to reach all the possible angles with robotic arm, management and positioning in the

OR, set up, Tips@Tricks

PROGRAM

DAY 3 |

8.00 Introduction and welcome

8.15-8.45 What to think about Infraclinoid ICA aneurysm aneurysm aneurysm - Prof Bogdan Ciszek

Dissecting for clinoid to expand visibility of ICA and approach to interpuduncular fossa.

8.45-9.15 What to think about BA aneurysm - Prof Bogdan Ciszek

How to get to interpeduncular fossa and what to expect there.

9.15-10.15 All Faculty show their Perls idea - Prof Martin Sames

Case based and experience based discussion (we present angiograms of real aneurysm and discuss between lecturers how to reach with direct comments on cadaver). Which Aesculap Yasargil clip for what? Aesculap Yasargil clip tray, management in the OR, logistics and delivery aspects

10.15-13.15 Case presentation and dissection - hands-on session - Jan Drdla

Usage of different Aesculap Yasargil clips and Aesculap Yasargil clips applicators regarding of anatomical approach and patient positioning. Does retractor system Aesculap Layla helps?

13.15-14.00 Lunch

14.00-14.30 What to think about PICA aneurysm - Dr Daniel Walsh

Far lateral „enough” approach.

14.30-15.30 All Faculty show their Perls idea - hands-on session - Prof Gonzales Darder

Case based and experience based discussion (we present angiograms of real aneurysm and discuss between lecturers how to reach with direct comments on cadaver). How to close the skull base using Craniofix or neuroplating system or sutures, what to choose? Right suture technique for dura matter using by suture material by B. Braun Aesculap

15.30-18.30 Case presentation and dissection - hands-on session - Prof Bogdan Ciszek

Usage of different micro neurosurgery instruments, closing the skull base with Craniofix, neuroplating system, suture, benefits of NeuroPath and Lyoplant Only dura matter subs.

INFORMATION

COURSE DATE

27 - 29 October 2025

HANDLING FEE

As this training course is a course for safe application of our products, B. Braun will cover the occurring costs (including lectures, workshops, hotel accommodation, food n beverages).

COURSE DIRECTOR

Dariusz Szarek, MD, PhD - vice head of the Neurosurgery Department, Lower Silesia Specialist Hospital of T. Marciniak - Emergency Medicine Center in Wrocław

FACULTY

Prof Bogdan Cizek

head of the Normal and Clinical Anatomy, Warsaw Medical University; Department of Neurosurgery in J. Bogdanowicz Pediatric Hospital in Warsaw, Poland

Prof Gonzales Darder

Head of Neurosurgery Department, University Hospital in Valencia, Spain

Prof Martin Sames

Head of the Department of Neurosurgery, Hospital Ustí nad Labem, Czech Republic

Dr Daniel Walsh

Consultant Neurosurgeon, King's College Hospital NHS, Foundation Trust, London, England

Dr Dariusz Szarek

Neurosurgery Department, Lower Silesia Specialist Hospital of T. Marciniak - Emergency Medicine Center Wrocław, Poland

Dr med. Felix Göhre, PhD

Department of Neurosurgery, BG Hospital "Bergmannstrost" Halle, Germany Adjunct Professor of Neurosurgery University **of Helsinki**

Daniel Pavlišta

Senior Business Development Manager Neurosurgery Aesculap AG

Jan Drdla

Product Manager Robotic Surgery Aescul

