APPLICATION SAFETY

BARROW LIVE ANEURYSM SURGERY
Microneurosurgery and hands-on course for safe clipping with Aesculap YASARGIL® Aneurysm Clips

March 8–11, 2020
Barrow Neurological Institute
350 West Thomas Road
Phoenix, AZ
USA

Endorsed by:
The clipping of a cerebral aneurysm requires a deep knowledge of the anatomy, as well as excellent skills. In a time where a substantial number of aneurysms are treated by endovascular methods, it becomes more challenging for a Neurosurgeon to gain and to improve the surgical skills necessary to safely clip an aneurysm.

The course is designed for neurosurgeons looking for advanced training in treating cerebrovascular aneurysm, cavernous malformations and bypasses. It provides theoretical, practical and surgical training and knowledge on the safe application of Aesculap Aneurysm Clips.

PREFACE

The course, led by Dr. Michael T. Lawton, of Barrow Neurological Institute (BNI) in cooperation with Aesculap, Inc., will showcase approaches and microsurgical techniques for various lesions in both live operations and hands-on sessions on models (aneurysms, AVMs, cavernous malformation, extrinsic and intrinsic tumors and EC/IC bypass surgery).

During the course, there will be several operations per day. Professors will discuss the cases and present microsurgical videos between and after the operations. The operative schedule runs every day, with simultaneous hands-on opportunities throughout the day on models, highlighting the safe application of aneurysm clips.
INFORMATION

COURSE DATE
March 8–11, 2020

FACULTY CHAIRMAN
Michael T. Lawton, MD
President and CEO
Professor and Chair, Department of Neurosurgery
Chief, Neurovascular Surgery
Barrow Neurological Institute

BARROW NEUROLOGICAL INSTITUTE FACULTY
Kaith Almefty, MD
Assistant Professor, Department of Neurosurgery

Andrew S. Little, MD
Associate Professor, Department of Neurosurgery
Surgical Director
Barrow Pituitary Center & Barrow Interdisciplinary Skull Base Program

Randall Porter, MD
Professor, Department of Neurosurgery
Director, Interdisciplinary Skull Base Program

Nader Sanai, MD
J.N. Harber Professor, Department of Neurosurgery
Director, Barrow Brain Tumor Research Center
Director, Division of Neurosurgical Oncology
Associate Director, Neurosurgery Residency Program

AESCULAP FACULTY
Rainer Emperle
Director of Marketing, Surgical Specialties
Aesculap, Inc.

Danielle Fletcher
Sr. Product Manager, Neurosurgery
Aesculap, Inc.

Harald Dreher
Sr. Business Manager, Neurosurgery
Aesculap Germany
PROGRAM

**SUNDAY | MARCH 8, 2020**
6:00 pm  Welcome Reception – Introductions and Course Overview
6:30 pm  Dinner & Clipping Case Presentations
  - Surgeon Faculty and Attendee Introductions
  - Your Cases: “What Would You Do?” Attendee Lead Case Review
  - Discussion: Approaches & Challenges in Safe Clipping
8:00 pm  Hands-On:
  - Choosing the Right Clip for the Right Aneurysm
  - Safe Loading and Application of Clips

**MONDAY | MARCH 9, 2020**
8:00 am  Open Remarks / Welcome & Housekeeping
8:15 am  Lecture
  - Seven Aneurysms: Tenets & Techniques for Clipping
  - Discuss Clipping Strategies and Prevention/Management of Intra-op Rupture
  - How Manufacturing of Aesculap Aneurysm Clips Impacts Patient Safety
9:30 am  Case Preview
  - Discuss Surgical Dissection & Clipping Strategy
10:00 am - 4:30 pm  
  **Live Surgery & Hands-On**
  - Live Surgery: Discuss Approach, Dissection and Live Clipping with Operating Surgeons
  - Hands-On: Safe Handling of Aesculap YASARGIL® Aneurysm Clips & Appliers on Model
    - Temporary vs. Permanent Clips
    - Clip Patterns (Specialty Clips, Mini, Standard)
    - Clip Appliers (Tube Shaft, Latch, Vario Appliers)
    - Clip & Appliers – Storage & Sterilization
4:30 pm  Summary Case Review
  - Discuss Clips Used and Clip Application Challenges
PROGRAM

TUESDAY | MARCH 10, 2020
8:00 am Open Remarks
8:15 am Lecture
- Seven AVMs: Tenets & Techniques for Resection
- Types of AVMs
- Best & Safe Approaches for AVM Surgery and Removal
- Portfolio of Aesculap YASARGIL® AVM Clips
9:30 am Case Preview
- Discuss Surgical Dissection & AVM Strategy
10:00 am - 4:30 pm Live Surgery & Hands-On
- Live Surgery: Discuss Approach, Dissection and Live Clipping with Operating Surgeons
- Hands-On: Safe Handling of Aesculap YASARGIL AVM Clips
  - AVM Clips & Appliers – Storage & Sterilization
4:30 pm Summary Case Review
- Discuss Clips Used and Clip Application Challenges
7:00 pm Dinner Reception

WEDNESDAY | MARCH 11, 2020
8:00 am Open Remarks
8:15 am Lecture
- Seven Bypasses: Tenets & Techniques for Revascularization
- Discuss Techniques and Bypass Strategies
- Importance & Requirements of Micro Instruments for Successful Bypass Surgery
  - Product Portfolio of Aesculap Micro Instruments for Bypass
9:30 am Case Preview
- Discuss Surgical Bypass Strategy
10:00 am - 4:30 pm Live Surgery & Hands-On
- Live Surgery: Discuss Approach, Dissection and Bypassing Technique
- Hands-On: Suturing Technique and Bypass on Model with Micro Instruments
4:30 pm Summary Case Review
- Discuss Safe Bypass Technique and Challenges
5:00 pm Closure of Course & Questionnaire
TO REGISTER:
The deadline to register is January 20, 2020. We cannot accept any additions after
the registration deadline. To register please contact Alyssa Bell at alyssa.bell@
aesculapusa.com.

INTENDED AUDIENCE
Attendance at this course is limited to the first 50 Neurosurgeon registrants.
Registration is on a first-come, first-serve basis.

AESCULAP ACADEMY TRAINING AND EDUCATION PROGRAM
The Aesculap Academy recognizes the importance of its relationship and
collaboration with healthcare professionals. Therefore, this educational activity is
designed to comply with the AdvaMed Code of Ethics as well as all applicable state
and federal laws pertaining to interactions with healthcare professionals.

Please note that the course dinners and beverage offerings (pre-selected beer
& wine only) have been thoughtfully selected by Aesculap in order to comply
with the AdvaMed Code and Pharma Code requirements. Since Aesculap is a
member of AdvaMed, we appreciate your supporting our commitment to follow
their requirements by limiting any exceptions to this menu. If, however, you
have a special dietary concern or restriction, please see an Aesculap Academy
representative for accommodation. Thank you for your commitment to compliance.

DISCLOSURE OF PAYMENTS
Under the provisions of Section 6002 of the Patient Protection and Affordable Care
Act, commonly known as the Sunshine Act and now known as Open Payments,
certain expenses related to your attendance and/or participation in this course
may require disclosure to the federal government. The law requires the disclosure
doctor certain payments or transfers of value provided to covered recipients by
pharmaceutical and medical device manufacturers, including: consulting fees, gifts
and entertainment, food and beverage, travel and lodging, education, research
payments, charitable contributions, educational grants, and some exhibit or space
rental fees. Aesculap will take all prudent measures to ensure that the information
we are required to report is fair and accurate. Note to healthcare professionals
licensed in the states of Massachusetts, Vermont, and Connecticut: State laws may
place additional restrictions and/or disclosure requirements on the provision of
certain items of value to healthcare professionals by pharmaceutical and medical
device manufacturers. Aesculap respects and complies with all state laws.

ADA STATEMENT
The Aesculap Academy staff is available to assist you with any special needs
(i.e. physical, dietary, etc.) Please contact Alyssa Bell at alyssa.bell@aesculapusa.com.
INFORMATION

COURSE VENUE
Barrow Neurological Institute
350 West Thomas Road
Phoenix, AZ 85013 | USA

HOTEL ACCOMMODATION
Please register for the course in order for us to confirm your guest room at the hotel.
Embassy Suites by Hilton Phoenix Downtown North
10 East Thomas Road
Phoenix, AZ 85012 | USA

LUNCH AND COURSE DINNER
Lunch is served daily at the facility. The course dinner reception takes place on Tuesday, March 10th. Non-participants are not included.
The Aesculap Academy is one of the leading medical forums for everyone who is professionally, passionately and ambitiously committed to people’s health. To those medical professionals we offer top quality knowledge transfer based on globally recognized quality criteria using innovative methods and technologies.

**DIALOGUE – DEDICATED TO LIFE.**

The Aesculap Academy has its roots in the company B. Braun, which has been protecting and improving people’s health for more than 175 years. With our courses, hands-on trainings and symposia we help to honor our B. Braun’s promise of SHARING EXPERTISE.

The courses at the Aesculap Academy offer participants who want to continue to learn in an inspiring environment knowledge transfer and teaching that are adapted to real life: lifelong learning, true-to-life training situations and realistic content for a better life for patients and medical staff.

**Aesculap Academy**
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The Aesculap Academy is a division of Aesculap, Inc.