



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.

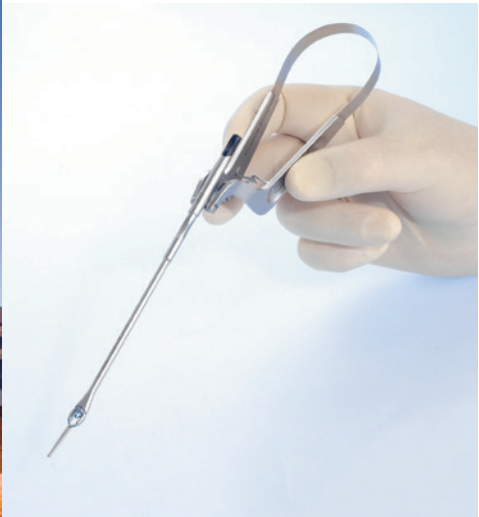
PREFACE

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.



Barrow Neurological Institute, Phoenix, AZ, USA



Aesculap XS Tube Shaft Clip Applier

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

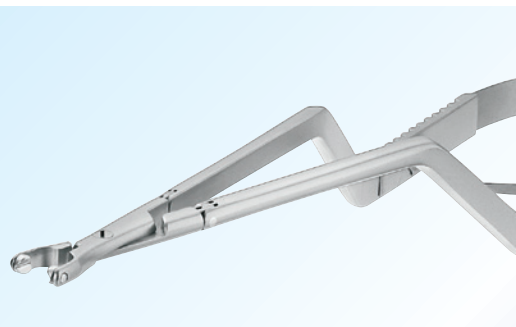
PROGRAM

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

INFORMATION

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 of 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.