

**5th Annual Aneurysms Inside and Out:
Cerebrovascular & Endovascular Residents & Fellows Course
October 25-26, 2019 | Seattle Science Foundation**

AGENDA

**Friday, October 25, 2019
Open Surgery**

- 7:30 a.m. **Breakfast and change into scrubs**
- 7:55 a.m. **Introduction & Welcome**
Stephen Monteith, M.D.
- 8 a.m. **Techniques to Performing a Cerebral Bypass**
Stephen Monteith, M.D.
- 8:40 a.m. **Orbitozygomatic Craniotomy & Approach to Circle of Willis, Sylvian Fissure, and Basilar Tip**
Akshal Patel, M.D.
- 9:20 a.m. **Case Discussions: Nuances in Aneurysm Clip Management**
All Faculty
- 10 a.m. **Break & Exhibits** (*Head to Lab*)

- 10:15 a.m. **Live Demonstration Broadcast No. 1**
Orbitozygomatic Craniotomy
Vivek Deshmukh, M.D.
- Orbitozygomatic craniotomy
 - Splitting of Sylvian fissure
 - Anterior and posterior clinoid resection
 - Dissection of circle of Willis including basilar tip
 - Cerebral bypass practice

- 10:45 a.m. **Hands-on BioSkills Lab Session 1**
All Faculty
- Orbitozygomatic craniotomy
 - Splitting of Sylvian fissure
 - Anterior and posterior clinoid drilling
 - Dissection strategies for circle of Willis

- 12:45 p.m. **Break & Pick Up Lunch**
- 1 p.m. **Endovascular vs. Open Surgery Case Discussion** (*working lunch*)
All Faculty

1:45 p.m. **Far Lateral Craniotomy for PICA Aneurysms, Vertebro Basilar Junction**
Aaron Dumont, M.D.

2:30 p.m. **Live Demonstration Broadcast No. 2**
Far Lateral Craniotomy for PICA and Vertebral Basilar Junction
Aaron Dumont, M.D.

3:00 p.m. **Hands-on BioSkills Lab Session 2**
All Faculty

- Far lateral craniotomy for PICA and vertebral basilar junction
- Cerebral bypass practice

5 p.m. **Course Adjourns**

Saturday, October 26, 2019 Endovascular Surgery

7:30 a.m. **Arrival, breakfast, and change into scrubs**

8 a.m. **Angiographic Anatomy Review**
Yince Loh, M.D.

8:40 a.m. **Indications for Aneurysm Treatment**
Akshal Patel, M.D.

9:20 a.m. **Decision Making in Clipping vs. Coiling**
Aaron Dumont, M.D.

10:00 a.m. **Break & Exhibits**

10:15 a.m. **Hands-on BioSkills Lab Session**
All Faculty

- Endovascular Lab
- Coiling, stenting, and flow diversion with stents
- Intrasaccular flow diversion
- Endovascular simulators

12:15 p.m. **Break & Pick Up Lunch**

12:30 p.m. **Case Discussions** (*working lunch*)
All Faculty

1:10 p.m. **Aneurysms: Simple and Advanced Coiling Techniques**
Akshal Patel, M.D.

1:50 p.m. **Clipology**
Stephen Monteith, M.D.

- 2:30 p.m. **Aneurysms: Flow Diversion with Stents**
Vivek Deshmukh, M.D.
- 3:10 p.m. **Break & Exhibits**
- 3:25 p.m. **Intrasaccular Flow Diversion and Novel Devices**
Stephen Monteith, M.D.
- 4:05 p.m. **Endovascular vs. Open Surgery Case Discussion**
Swedish Cerebrovascular Fellows & All Faculty
- 5 p.m. **Adjourn**

ESTEEMED FACULTY

Stephen Monteith, M.D.

Course Chairman

Chief of Neurosurgery Medical Staff
Chief of Cerebrovascular and Endovascular Neurosurgery
Chief of Cherry Hill Surgery
Swedish Neuroscience Institute
Seattle, Washington

Vivek Deshmukh, M.D.

Chairman, Department of Neurosurgery
Providence Brain and Spine Institute
Portland, Oregon

Aaron Dumont, M.D., M.B.A.

Director, Center for Clinical Neurosciences
Tulane School of Medicine
New Orleans, Louisiana

Yince Loh, M.D.

Interventional Neuroradiologist & Neurointensivist
Swedish Neuroscience Institute
Seattle, Washington

Akshal Patel, M.D.

Neurosurgeon
Chief of Neurosurgical Quality and Outcomes
Cerebrovascular and Endovascular Neurosurgery
Swedish Neuroscience Institute
Seattle, Washington