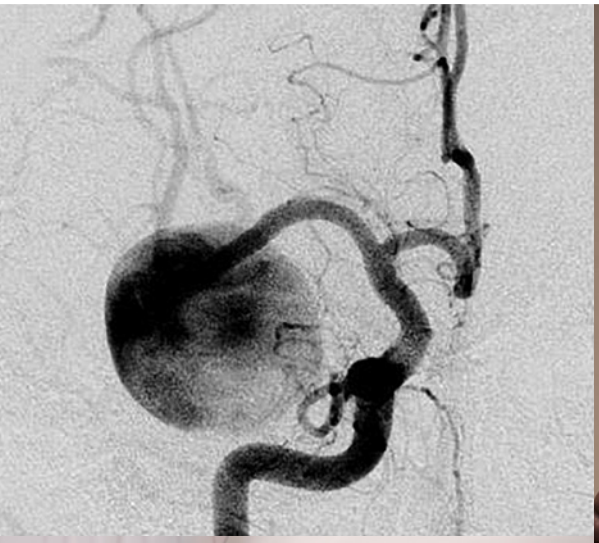
Third Annual Lawton-Tanikawa West-East Vascular Neurosurgery Course:

"The Last Samurai"

Barrow Neurological Institute



March 13-15, 2024

Phoenix, Arizona

For more information:
BarrowNeuro.org/Samurai

Course Description

Barrow Neurosurgery Research Laboratory

Mark C. Preul, MD
Director of the Neurosurgery Research Laboratory

The course will take place at the Neurosurgery Research Laboratory of the Barrow Neurological Institute Department of Neurosurgery, which is a world-class education, training, and research facility with a specialization in neurosurgical anatomy. The facility is well known for exquisite cadaver tissue specimens and features independent surgical stations fully equipped with operating microscopes, suction, irrigation, standard head frames, microsurgical and power instrumentation, 3D surgical projection, high definition flat screens, and fully trained attendant staff.

Barrow Neurological Institute Third Annual Lawton-Tanikawa Vascular Neurosurgery Course

March 13-15, 2024

Barrow Neurological Institute announces the Third Annual Lawton-Tanikawa/West-East Vascular Neurosurgery Course, led by course directors Michael T. Lawton, MD, and Rokuya Tanikawa, MD. This didactic and practical course in neurosurgical approaches and vascular anatomy will focus on complex cerebrovascular pathology and advanced surgical techniques such as bypass. The hands-on laboratory exercises will cover anterior and lateral regions of the brain and skull base. This course is designed for neurosurgery residents, fellows, and vascular neurosurgeons. Beyond the surgical anatomy and approaches, this course will highlight the strategic thinking of two of the most experienced vascular neurosurgeons in practice today. This full two-day course is designed for intense instruction among 32 participants. Features include 3D microanatomical videos and 3D operative videos of cerebrovascular and tumor pathology to make the cadaver dissections come alive, using preserved cadavers with vascular injection. Each station will have state-of-the-art instrumentation and microscopes, with masters at the head station to demonstrate.

Objectives

- Become familiar with microneurosurgical anatomy of the anterior and lateral regions of cranial and skull base
- Learn appropriate visualization, technique, and approaches to the skull base
- Correlate clinical pathological information with the corresponding anatomic region
- Combine anatomy and pathology information into decision-making for approach selection
- Explore and discuss options from experienced neurosurgical faculty for surgical treatment of vascular pathology
- Gain hands-on practice with these surgical approaches utilizing injected cadaver specimens

General Information

Course Location

Loyal and Edith Davis Neurosurgical Research Laboratory
Barrow Neurological Institute
St. Joseph's Hospital and Medical Center
350 West Thomas Road, Phoenix, AZ 85013

Laboratory Contact Information:

Neurosurgery Research Department: (602) 406-3268
Main: (602) 406-3000
Fax: (602) 406-4153
Email: William.Bichard@CommonSpirit.org or
Steve.Marsh@CommonSpirit.org

Approved Accommodations:

Embassy Suites by Hilton
Phoenix Downtown North
10 East Thomas Road, Phoenix, AZ 85012
(602) 222-1111
Three blocks from the lab.
No hotel shuttle service.

Hampton Inn Phoenix-Midtown-Downtown Area
160 West Catalina Drive, Phoenix, AZ 85013
(602) 200-0990
Across the street from the lab. Walking distance.
No hotel shuttle service.

Fairfield Inn and Suits Phoenix (Marriott)
2520 North Central Avenue
(602) 716-9900
0.6 miles from the lab.
Hotel shuttle runs between 6 a.m. – 10 p.m.

Wyndham Garden Phoenix I Ramada Phoenix
Second Avenue and Osborn Road
WyndhamHotels.com
(602) 604-4900 Wyndham Garden
(602) 595-4444 Ramada Phoenix

Taxi Contacts:

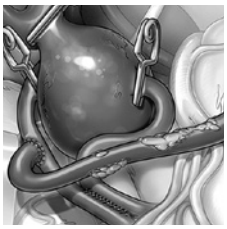
AAA Yellow Cab:
(602) 252-5252

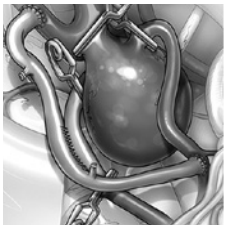
Discount Cab:
(602) 200-2000

Execucar:
(800) 410-4444

2024 Schedule

Wednesday, March 13





7 a.m.	***Arrival and Registration***	*Breakfast*
	Orbitozygomatic Approach
7:45 a.m.	Anatomy of Orbit & Pterion	*Almefty*
8:15 a.m.	Technique: Basic Pterional Craniotomy	*Tanikawa*
8:45 a.m.	Clinical Applications	*Lawton*
9:15 a.m.	**Lab Dissection:** OZ Approaches	*All*
Noon	***Lunch***
	Cavernous Sinus and Middle Fossa Aproaches
12:45 p.m.	Anatomy of Cavernous Sinus and Middle Fossa	*Benet*
1:15 p.m.	Technique: Transcavernous Approach	*Tanikawa*
2 p.m.	Clinical Applications	*Lawton*
2:30 p.m.	**Lab Dissection:** Cavernous Sinus, Middle Fossa Approach and Anterior Petrosectomy	*All*
5 p.m.	***Adjourn***

2024 Schedule

Thursday, March 14

7 a.m.	***Breakfast***
7:30 a.m.	Skull Base Bypass	*Tanikawa*
8:30 a.m.	Technique: Transpetrous Approaches	*Benet*
10 a.m.	**Lab Dissection:** Transpetrous Approaches	*All*
Noon	***Lunch***
	Far Lateral Approach
12:45 p.m.	Anatomy of Foramen Magnum and Jugular Foramen	*Lawton*
1:15 p.m.	Technique: Posterior Circulation Bypass	*Tanikawa*
1:45 p.m.	**Lab Dissection:** Far Lateral Approach	*All*
4:30 p.m.	***Adjourn***

Friday, March 15

7:30 a.m.	Neurosurgery Case Conference
8:30 a.m.	Neurosurgical Grand Rounds	*Tanikawa*
9:30 a.m.	***Course Adjourns***

Course Faculty

Course Director

Michael T. Lawton, MD
President & CEO
Professor & Chair, Department of Neurosurgery
Robert F. Spetzler Endowed Chair in Neurosciences
Chief, Division of Neurovascular Surgery
Barrow Neurological Institute | Phoenix, Arizona

Special Guest Faculty

Rokuya Tanikawa, MD
Senior Vice President
Director, Stroke Center
Department of Neurosurgery
Sapporo Teishinkai Hospital | Sapporo, Japan

Lab Director

Mark Preul, MD
Newsome Family Endowed Chair of Neurosurgery Research
Director, Neurosurgery Research, Department of Neurosurgery
Barrow Neurological Institute | Phoenix, Arizona

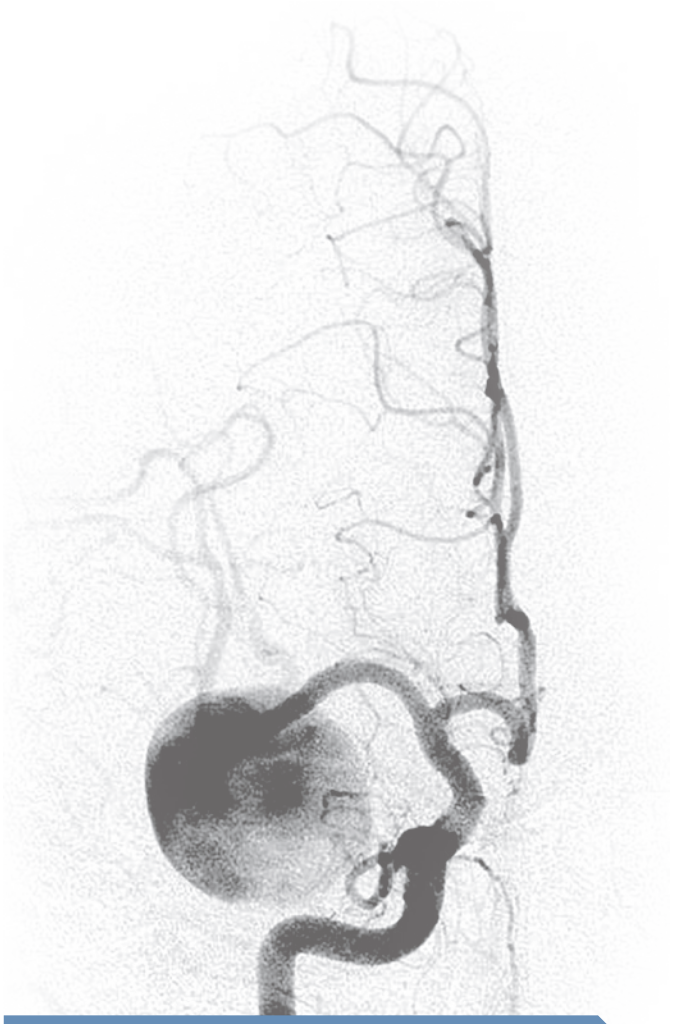
Course Coordinator

William Bichard
Clinical Coordinator
Barrow Neurological Institute | Phoenix, Arizona

Faculty

Kaith Almefty, MD
Neurosurgery
Barrow Neurological Institute

Arnau Benet, MD
Neurosurgery Resident
Barrow Neurological Institute



For more information:
CME@BarrowNeuro.org
(602) 406-3067

Registration

Barrow Neurological Institute

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Residents/Fellows: $200
Non-trainee: $2,500*

REGISTER NOW

BarrowNeuro.org/Samurai

For more information, please contact:

William Bichard
William.Bichard@CommonSpirit.org
(602) 406-3268

Refunds:

To ensure adequate spaces and planning for the course, no refunds are given for canceled registrations.

Barrow Neurological Institute | Dignity Health. St. Joseph's Hospital and Medical Center

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Phoenix, AZ 85013

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Chief, Division of Neurovascular Surgery
Barrow Neurological Institute, Phoenix, Arizona

Rokuya Tanikawa, MD
Senior Vice President, Director
Department of Neurosurgery, Stroke Center
Sapporo Teishinkai Hospital, Sapporo, Japan