



Dr. John Jane, Sr.

Neuroscience Lectureship Series

SEATTLE SCIENCE FOUNDATION

**SECOND ANNUAL
CEREBROVASCULAR &
ENDOVASCULAR RESIDENTS
& FELLOWS COURSE**

October 21-22, 2016



COURSE DESCRIPTION

The Second Annual Cerebrovascular and Endovascular Residents and Fellows Course will cover the latest advances in the diagnosis and treatment of complex cerebrovascular disorders. The focus will be on the treatment of intracranial aneurysms and will cover both open and endovascular techniques. Didactic sessions will be supplemented with hands-on practical skills in the Seattle Science Foundation's bioskills lab. Residents will have the opportunity to use cutting-edge technology.

Skull based approaches, aneurysm surgery techniques, and skills for cerebral bypass surgery will be taught with anatomical specimens and state of the art equipment including 3D microscopic dissection.

INTENDED AUDIENCE

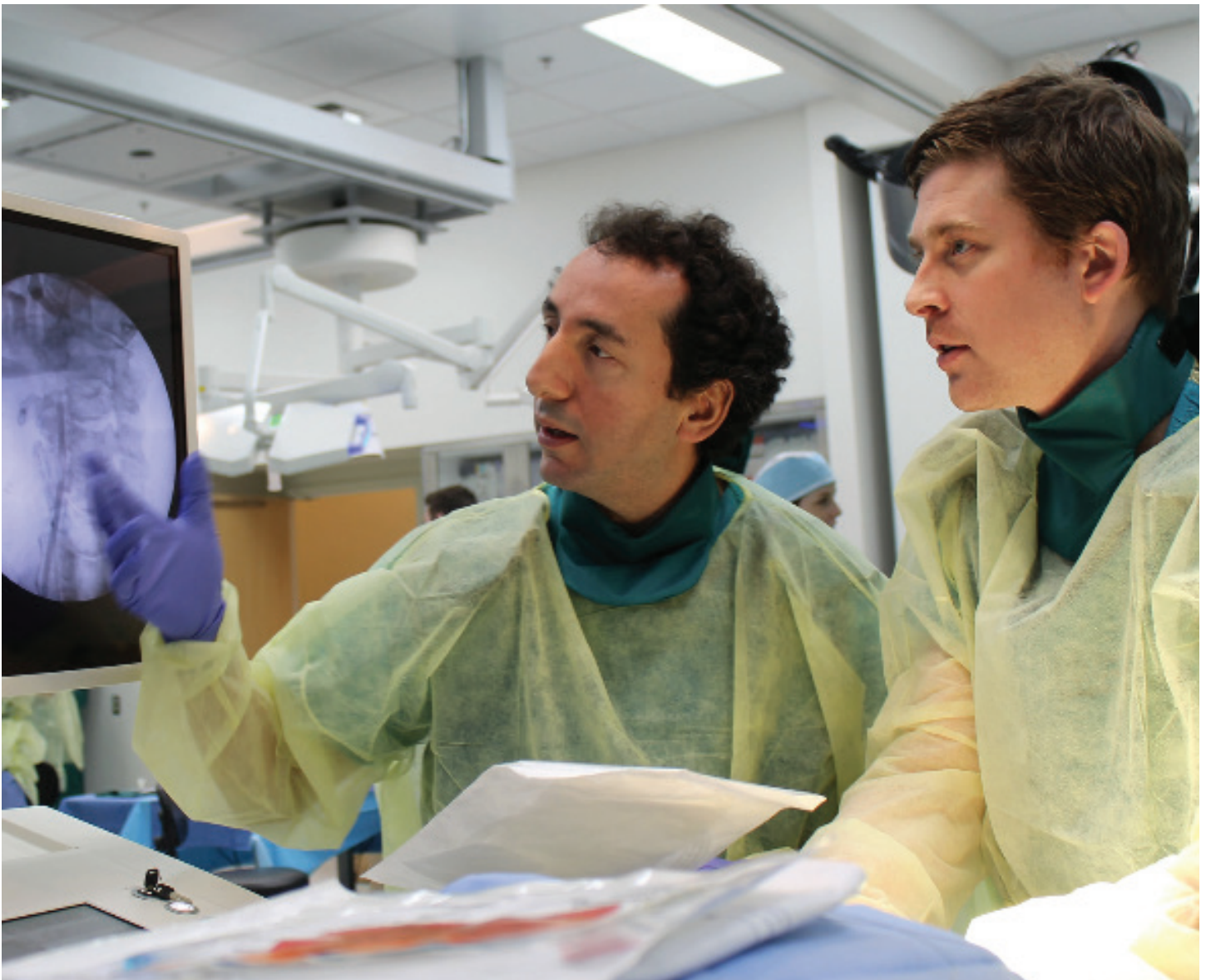
This course is intended for neurosurgical residents and fellows.

REGISTRATION INFORMATION

The registration fee is waived as this workshop is being supported by educational grants from industry. For out-of-town attendees, two nights of shared hotel accommodation (room & tax only) for Thursday and Friday evening will be covered. We will take care of booking the rooms. In addition, the course will cover up to \$500 towards the cost of coach-class airfare.

LOCATION

The Seattle Science Foundation is located at 550 17th Avenue, James Tower, Suite 600 in Seattle, Washington. Parking is available in the garage on 16th Avenue between Cherry and Jefferson at a maximum fee of \$16.50. From I-5 (northbound and southbound), take the James Street exit. Travel east on James Street. James will become Cherry Street. Turn right (south) on 16th Avenue. Turn right into the main garage entrance.



AGENDA

Friday, October 21, 2016

Endovascular Surgery

- 7 a.m. **Arrival & Breakfast**
(change into scrubs)
- 7:30 a.m. **Introduction & Welcome**
Stephen Monteith, M.D., Johnny Delashaw, M.D., Cameron G. McDougall, M.D.
- 7:40 a.m. **Angiographic Anatomy Review**
Yince Loh, M.D.
- 8:15 a.m. **Aneurysms: Simple and Advanced Coiling Techniques**
Pascal Jabbour, M.D.
- 8:50 a.m. **Aneurysms: Flow Diversion**
Stephen Monteith, M.D.
- 9:25 a.m. **Endovascular Treatment of AVMs**
Adnan Siddiqui, M.D., PhD
- 10 a.m. **Endovascular Lab 1**
(50 minute rotations – 3 rotations)
All Faculty
- 12:30 p.m. **Case Discussions**
Working Lunch
All Faculty
- 1 p.m. **Carotid Stenting vs. CEA**
Akshal Patel, M.D.
- 1:30 p.m. **Stroke Interventions**
Yince Loh, M.D.
- 2 p.m. **Spinal and Cranial Fistulae**
Cameron G. McDougall, M.D.
- 2:30 p.m. **Aneurysms: Salvage Treatment of Complex Endovascular Cases**
Michael T. Lawton, M.D.
- 3 p.m. **Endovascular vs. Open Surgery Case Discussion**
All Faculty
- 3:30 p.m. **Endovascular Lab 2: Continuation of Endovascular Lab 1**
(40 minute – 3 rotations)
- 5:30 p.m. **Adjourn**
- 7 p.m. **Course Dinner**
Home of Course Co-Chair
Johnny Delashaw, M.D.

Saturday, October 22, 2016

Open Surgery

- 7:30 a.m. **Breakfast**
- 8 a.m. **Techniques for Performing a Cerebral Bypass**
David Newell, M.D.
- 8:40 a.m. **Orbitozygomatic Craniotomy & Approach to Circle of Willis, Sylvian Fissure, & Basilar Tip**
Johnny Delashaw, M.D.
- 9:20 a.m. **Nuances in Aneurysm Clip Management**
Michael T. Lawton, M.D.
- 10 a.m. **Skull Based Approaches BioSkills Lab**
All Faculty
- Orbitozygomatic Craniotomy
 - Splitting of Sylvian Fissure
 - Anterior and Posterior Clinoid Resection
 - Dissection of Circle of Willis Including Basilar Tip
- 12:30 p.m. **Group 1: Endovascular vs. Open Surgery Case Discussion**
Group 2: BioSkills Lab – Hands-on Workshop for Cerebral Bypass
Working Lunch
All Faculty
- 1:30 p.m. **Group 1: BioSkills Lab – Hands-on Workshop for Cerebral Bypass**
Group 2: Endovascular vs. Open Surgery Case Discussion
All Faculty
- 2:30 p.m. **Far Lateral Craniotomy For PICA Aneurysm, Vertebral Basilar Junction Surgery Techniques For AVM Surgery**
Johnny Delashaw, M.D.
- 3:15 p.m. **Hands-On: Far Lateral Craniotomy for PICA and Vertebral Basilar Junction**
All Faculty
- 5:00pm **Adjourn**

FOR FURTHER INFORMATION

- Phone: (206) 732-6500
Fax: (206) 732-6599
E-mail: info@seattle-science-foundation.org
Web: www.seattle-science-foundation.org

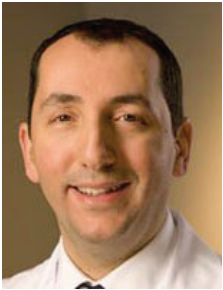
FEATURED FACULTY



Johnny Delashaw, M.D.
Course Co-Chairman
Chief, Neurosurgery
Swedish Neuroscience Institute
Seattle, Washington



Stephen Monteith, M.D.
Course Co-Chairman
Cerebrovascular Neurosurgery
Swedish Neuroscience Institute
Seattle, Washington



Pascal Jabbour, M.D.
Associate Professor, Neurosurgery
Thomas Jefferson University
Philadelphia, Pennsylvania



David W. Newell, M.D.
Cerebrovascular Neurosurgery
Swedish Neuroscience Institute
Seattle, Washington



Michael T. Lawton, M.D.
Chief, Vascular Neurosurgery
University of California San Francisco
San Francisco, California



Akshal Patel, M.D.
Neurosurgeon
Swedish Neuroscience Institute
Seattle, Washington



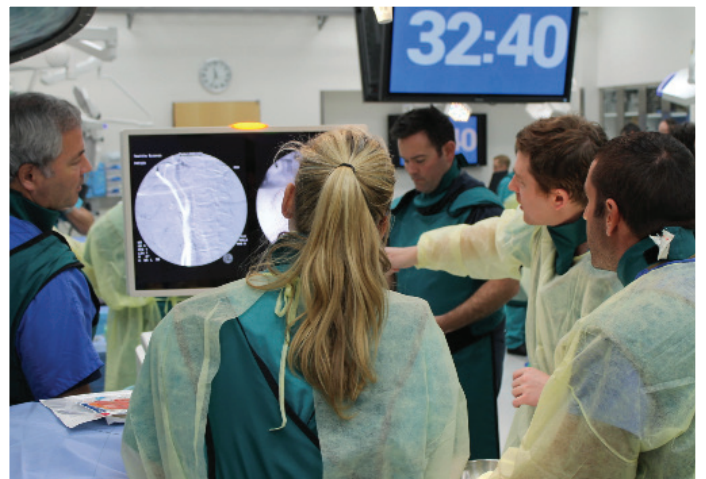
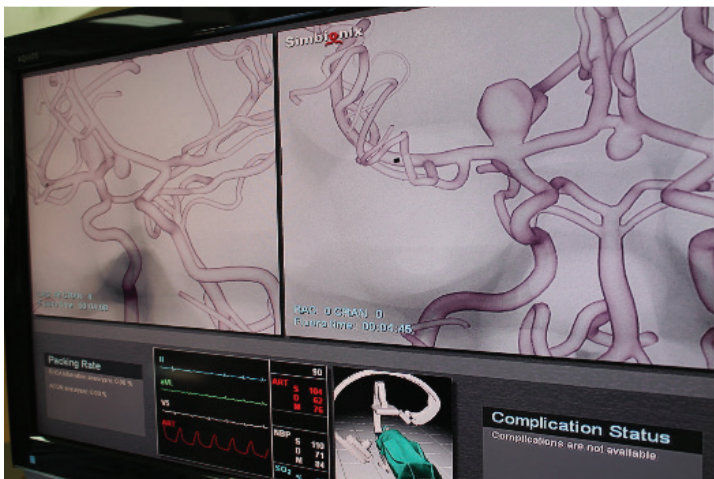
Yince Loh, M.D.
Interventional Neuroradiologist &
Neurointensivist
Swedish Neuroscience Institute
Seattle, Washington



Adnan Siddiqui, M.D., Ph.D.
Vice-Chairman & Professor of
Neurosurgery
University at Buffalo Neurosurgery
Buffalo, New York



Cameron G. McDougall, M.D.
Course Co-Chairman
Medical Director, Endovascular
Neurosurgery and Stroke Program
Barrow Neurological Institute
Phoenix, Arizona



HONORED GUEST

ADNAN SIDDIQUI, M.D., PH.D.

*Vice-Chairman & Professor of Neurosurgery
Director, Neuroendovascular Fellowship Program
State University of New York at Buffalo
Director, Neurosurgical Stroke Service, Kaleida Health
Director, Training & Education, Jacobs Institute
Director, Toshiba Stroke & Vascular Research Center, UB*

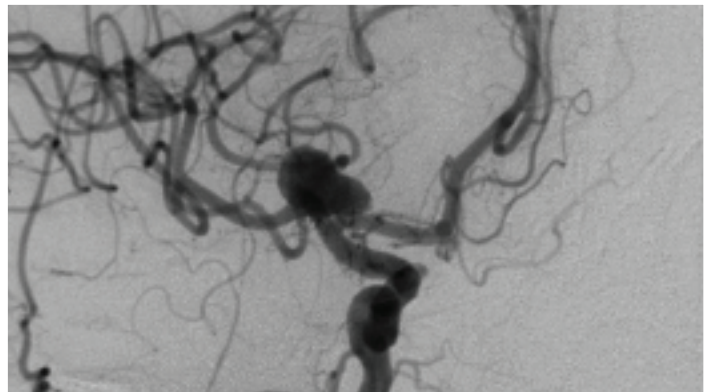
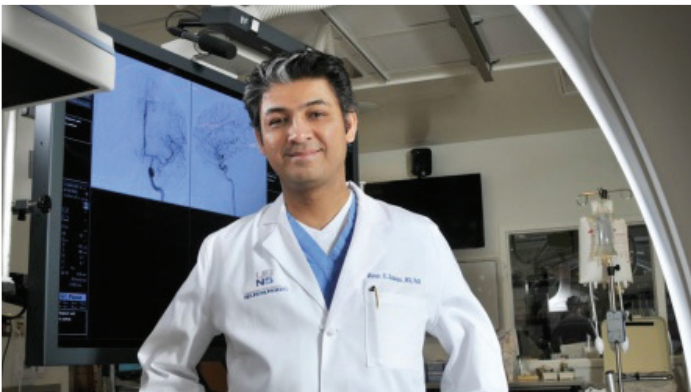
Dr. Adnan Siddiqui, MD, PhD, is a Professor of Neurosurgery and Radiology who joined UBNS in January 2007. He completed fellowship training in Interventional Neuroradiology, Cerebrovascular Surgery and Neurocritical Care from Thomas Jefferson University in Philadelphia. He completed his Neurosurgical residency at Upstate Medical University and received his PhD in Neuroscience from the University of Rochester and medical degree from Aga Khan University, Pakistan. Though Dr. Siddiqui is well trained in all general neurosurgical procedures, including brain tumor, spine and peripheral nerve surgery, because of specialized training, he has gravitated toward vascular diseases involving the brain and spinal cord.

Dr. Siddiqui has special interest and expertise in the performance of complementary microsurgical, radiosurgical and endovascular techniques for the comprehensive management of cerebrovascular conditions. This spectrum of disease includes aneurysms and arteriovenous malformations, as well as dural, cavernous and spinal fistulae. He has special interests in acute stroke management with intra-arterial thrombolysis, as well as endovascular and microsurgical management of extracranial and intracranial vascular occlusive disease. Other clinical interests include endovascular management of intractable epistaxis; preoperative head, neck, and brain tumor embolization; resection of skull base tumors; endoscopic surgery for aneurysms and pituitary tumors; third ventriculostomy; and arachnoid cysts.

The Neuroendovascular Research and Stroke Service is led by Dr. Siddiqui, who is proud to lead UB's Department of Neurosurgery, which was ranked 7th in academic impact in North America by the Journal of Neurosurgery. He serves as a reviewer for Stroke, Neurosurgery, Journal of Neurosurgery and Journal of Neurointerventional Surgery as well as many others. He has over 100 peer reviewed publications, more than 50 chapters and has been invited to more than 200 national and international lectureships.

Dr. Siddiqui is currently a member of the Executive Council of the Joint Section of Cerebrovascular Surgery of the American Association of Neurological Surgery (AANS) and is Chairman of the Nominating Committee. He has served on Endovascular Task Force of AANS and been on multiple scientific committees on AANS, Society of Neurointerventional Surgery and the Congress of Neurological Surgeons.

Dr. Siddiqui is married and has three children. He is a proud Buffalonian who is challenged and invigorated by taking care of neurosurgical patients and their families. He is grateful for the opportunity to work at the Gates Vascular Institute, a facility with some of the world's best technologies, where he and other experts can interact with leading researchers in order to make scientific advancements at the Toshiba Stroke & Vascular Research Center of which he is the Director.



REGISTRATION FORM

If using the registration form, please mail or fax it to:

Seattle Science Foundation
550 17th Avenue, James Tower, Suite 600
Seattle, WA 98122
Fax: (206) 732-6599

If you have special needs, please contact us at
(206) 732-6500.

Step 1: Applicant Information

NAME _____ TITLE/CREDENTIALS _____

APPLICANT INSTITUTION _____

ADDRESS _____

CITY/STATE/ZIP _____

CELL PHONE _____ FAX _____

EMAIL _____

Step 2: Program Director Information

NAME _____ TITLE/CREDENTIALS _____

PHONE _____ FAX _____

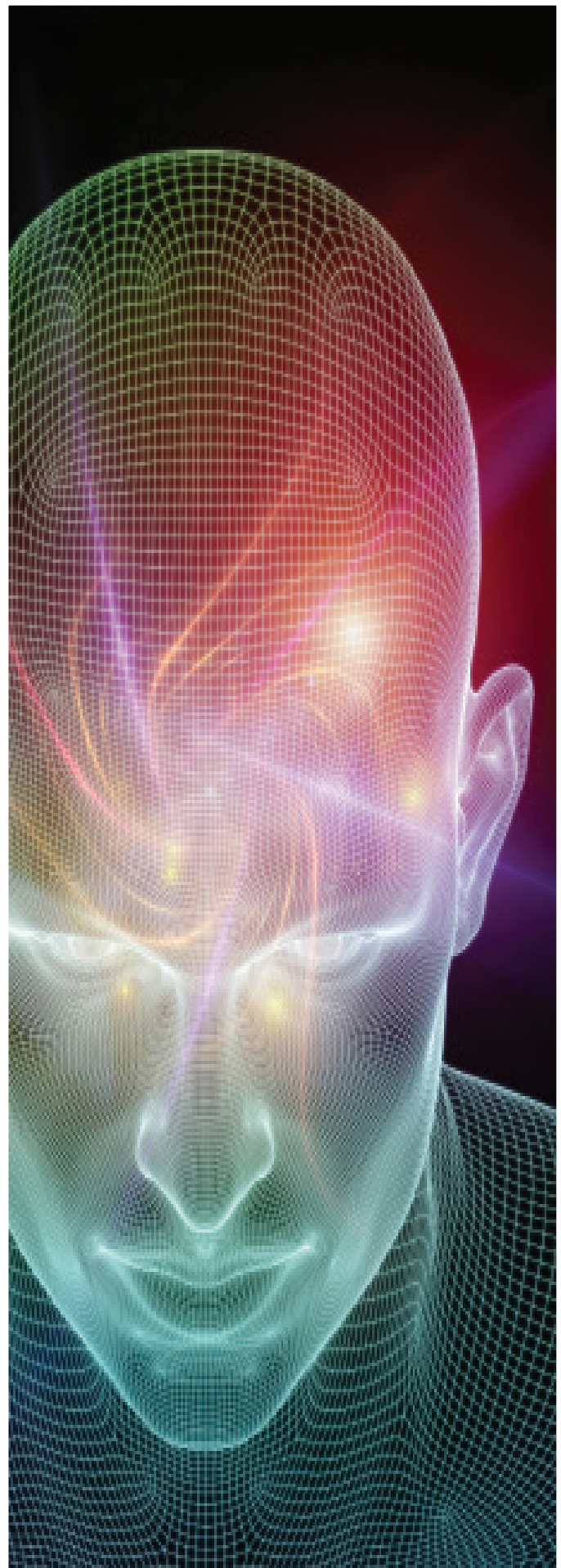
EMAIL _____

Step 3: Program Coordinator Information

NAME _____ TITLE/CREDENTIALS _____

PHONE _____ FAX _____

EMAIL _____





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FEATURED COURSES 2016



FEBRUARY 27

Second Annual Advanced Lateral Approaches to the Spine

MARCH 10-12

Sixth Annual Seattle Otology & Advanced Rhinology Course

MARCH 18

Innovative Approaches to Brain Tumor Management

MARCH 19-20

Seventh Annual Brain Anatomy Fellows Course

APRIL 2

6th Annual Multimodal Treatment of Spinal Tumors

MAY 20-21

Second Annual Spine Trauma Summit

JUNE 25

Fourth Annual ONE Spine Masters Course

JULY 16

First Annual Spinal Deformity Course

JULY 23

Second Annual Minimally Invasive Spine Course

AUGUST 12-14

First Annual Minimally Invasive Spine Course

OCTOBER 1-2

Third Annual Lateral Skull Base Anatomy & Surgical Approaches

OCTOBER 21-22

Second Annual Cerebrovascular & Endovascular Residents and Fellows Course

NOVEMBER 19

Third Annual Interventional Pain Management Fellows Course

DECEMBER 1, 2016

First Annual Image Guidance Course