

WFITN Neurovascular Anatomy Course 2026



Date: June 15th to 18th 2026

Venue: University Hospital Zurich

An advanced Anatomy Course for neuroendovascular specialists and instructors. Join us at the University of Zurich, Switzerland, to master the cutting-edge anatomy essential for neuroendovascular surgery!

Course Director: Michihiro Tanaka (Japan)

Local Director: Zsolt Kulcsar (Zurich), Co-Director: Shakir Husain (India)

Lecturers : Georges Rodesch (France), Philippe Mercier (France)
Philippe Gailloud (U.S.), Diego San-Millan (Sion), Luca Regli (Zurich),
Tilman Schubert (Zurich), Patrick Thurner (Zurich)



WFITN

World Federation of Interventional
and Therapeutic Neuroradiology

USZ Universitäts
Spital Zürich

WFITN Neurovascular Anatomy Course in Zurich

World Federation of Interventional and Therapeutic Neuroradiology

June 15-18, 2026 | Zurich, Switzerland

Day 1 - June 15, 2026

Time	Session & Topic	Lecturer
09:00-09:20	Welcome and Introduction	Michihiro Tanaka
09:20-09:45	Session 1: Functional vascular anatomy of the musculocutaneous arteries of the head	Patrick Thurner
09:45-09:50	Q&A	
09:50-10:15	Session 2: Cranio-cervical junction and pharyngo-occipital system (OA-Ascending Pharyngeal artery)	Shakir Husain
10:15-10:20	Q&A	
10:20-10:45	Session 3: Functional vascular anatomy of the nasal fossa and maxillary area	Zsolt Kulcsar
10:45-10:50	Q&A	
10:50-11:10	<i>Coffee Break</i>	
11:10-11:35	Session 4: Surgical 3D Vascular Anatomy of the cranio-cervical junction	Philippe Mercier
11:35-11:40	Q&A	
11:40-12:05	Session 5: Cranial nerve arterial supply	Tilman Schubert
12:05-12:10	Q&A	

Time	Session & Topic	Lecturer
12:10-12:35	Session 6: Functional vascular anatomy of the Middle Meningeal Artery	Michihiro Tanaka
12:35-12:40	Q&A	
12:40-13:40	<i>Lunch</i>	
13:40-15:10	Workshop 1 (Case study): MMA embolization and tumor embolization	Two classes / Two lectures
15:10-15:30	<i>Coffee Break</i>	
15:30-16:40	Workshop 2 (Case study): OA-Ascending Pharyngeal artery (Presented by participants)	Two classes / Two lectures

Day 2 - June 16, 2026

Time	Session & Topic	Lecturer
09:00-09:25	Session 7: Embryology and Anatomy of the ICA including the Circle of Willis	Shakir Husain
09:25-09:30	Q&A	
09:30-09:55	Session 8: Cerebral Arterial Territories: From Pipes to Genes	Georges Rodesch
09:55-10:00	Q&A	
10:00-10:25	Session 9: Surgical 3D Anatomy of the cavernous sinus	Philippe Mercier
10:25-10:50	Session 10: Surgical 3D anatomy of the orbit	Philippe Mercier
10:50-10:55	Q&A	
10:55-11:15	<i>Coffee Break</i>	
11:15-11:40	Session 11: Ophthalmic artery: Associated Arterial Variations and Dangerous Anastomoses	Zsolt Kulcsar
11:40-11:45	Q&A	
11:45-12:10	Session 12: ICA-ECA-VA anastomosis	Michihiro Tanaka
12:10-12:15	Q&A	
12:15-12:40	Session 13: The anterior Choroidal artery and posterior cerebral artery: Embryology, anatomy, variations	Philippe Gailloud
12:40-12:45	Q&A	
12:50-13:50	<i>Lunch</i>	

Time	Session & Topic	Lecturer
13:50-14:15	Session 14: MCA, ACA, Recurrent artery of Heubner, Perforators	Tilman Schubert
14:15-14:20	Q&A	
14:30-15:30	Workshop 3 (Case study): Ischemic stroke case, aneurysm associated with perforators	Two classes / Two lectures
15:30-15:50	<i>Coffee Break</i>	
15:50-16:40	Workshop 4 (Case study presented by participants)	Two classes / Two lectures

Day 3 - June 17, 2026

Time	Session & Topic	Lecturer
09:00-09:25	Session 15: Surgical 3D anatomy of the basilar artery and perforators	Philippe Mercier
09:25-09:30	Q&A	
09:30-09:55	Session 16: Functional Vascular Anatomy of the Posterior Fossa	Georges Rodesch
09:55-10:00	Q&A	
10:00-10:25	Session 17: AICA, PICA, Persistence of Primitive Lateral Basilovertbral Anastomosis	Shakir Husain
10:25-10:50	<i>Coffee Break</i>	
10:50-11:15	Session 18: Collateral vessels to the brain: from duroptial to piodural	Michihiro Tanaka
11:15-11:20	Q&A	
11:20-11:45	Session 19: Dural sinuses and the Supratentorial venous system	Diego San Millan
11:45-11:50	Q&A	
11:50-12:15	Session 20: Infratentorial Dural Sinuses and Associated Venous System	Patrick Thurner
12:15-12:20	Q&A	
12:20-12:45	Session 21: Cavernous Sinus and anterior condylar confluence	Diego San Millan
12:45-12:50	Q&A	
12:50-13:50	<i>Lunch</i>	

Time	Session & Topic	Lecturer
13:50-14:15	Session 22: Medullary venous system of the neopallium and ventricle	Keisuke Kadooka
14:15-14:20	Q&A	
14:30-15:30	Workshop 5 (Case study): Venous system	Two classes / Two lectures
15:30-15:50	<i>Coffee Break</i>	
15:50-16:40	Workshop 6 (Case study presented by participants)	Two classes / Two lectures

Day 4 - June 18, 2026

Time	Session & Topic	Lecturer
09:00-09:25	Session 23: Arterial anatomy of the spine and spinal cord	Philippe Gailloud
09:25-09:30	Q&A	
09:30-09:55	Session 24: Venous anatomy of the spine and spinal cord	Philippe Gailloud
09:55-10:00	Q&A	
10:00-10:25	<i>Coffee Break</i>	
10:25-10:50	Session 25: Surgical Anatomy of the insular cortex	Luca Regli
10:50-11:15	Session 26: Surgical Anatomy of the interpeduncular cistern	Luca Regli
11:15-11:20	Q&A	
11:30-12:10	Achievement Examination (40 questionnaires)	
12:20-12:30	<i>End of the course</i>	

Topics by Lecturer

Michihiro Tanaka (4 topics)

Director of Neurosurgery, Neuroendovascular Surgery and Spinal Surgery, Kameda Neuro Center, Kameda Medical Center, Japan

Past President of WFITN (2022-2024)

- Welcome and Introduction
- Functional vascular anatomy of the Middle Meningeal Artery

- ICA-ECA-VA anastomosis
- Collateral vessels to the brain: from duroplial to piodural

Philippe Mercier (4 topics)

Director of Laboratoire d'anatomie, University of Angers, Angers, France

- Surgical 3D Vascular Anatomy of the cranio-cervical junction
- Surgical 3D Anatomy of the cavernous sinus
- Surgical 3D anatomy of the orbit
- Surgical 3D anatomy of the basilar artery and perforators

Shakir Husain (3 topics)

Director Neurointervention & Stroke, Baby Memorial Hospital, Kerala, India

- Cranio-cervical junction and pharyngo-occipital system (OA-Ascending Pharyngeal artery)
- Embryology and Anatomy of the ICA including the Circle of Willis
- AICA, PICA, Persistence of Primitive Lateral Basilovertebral Anastomosis

Philippe Gailloud (3 topics)

Director of Interventional Neuroradiology, Johns Hopkins School of Medicine, Baltimore, U.S.

- The anterior Choroidal artery and posterior cerebral artery: Embryology, anatomy, variations
- Arterial anatomy of the spine and spinal cord
- Venous anatomy of the spine and spinal cord

Patrick Thurner (2 topics)

Attending Doctor of Neuroradiology, University Hospital of Zurich, Switzerland

- Functional vascular anatomy of the musculocutaneous arteries of the head
- Infratentorial Dural Sinuses and Associated Venous System

Zsolt Kulcsar (2 topics)

Director of Neuroradiology, University Hospital of Zurich, Switzerland

- Functional vascular anatomy of the nasal fossa and maxillary area
- Ophthalmic artery: Associated Arterial Variations and Dangerous Anastomoses

Tilman Schubert (2 topics)

Assistant Professor of Neuroradiology, University Hospital of Zurich, Switzerland

- Cranial nerve arterial supply
- MCA, ACA, Recurrent artery of Heubner, Perforators

Georges Rodesch (2 topics)

*Director of Neuroradiology, Hospital Foch, Suresnes, Ile-de-France, France
Past President of WFITN (2013-2015)*

- Cerebral Arterial Territories: From Pipes to Genes
- Functional Vascular Anatomy of the Posterior Fossa

Diego San Millan (2 topics)

Head of the Neuroradiology unit at the Valais Hospital in Sion, Switzerland

- Dural sinuses and the Supratentorial venous system
- Cavernous Sinus and anterior condylar confluence

Luca Regli (2 topics)

Director of Neurosurgery, University Hospital of Zurich, Switzerland

- Surgical Anatomy of the insular cortex
- Surgical Anatomy of the interpeduncular cistern

Keisuke Kadooka (1 topic)

Chief of Neuroendovascular Surgery, Kameda Medical Center, Japan

- Medullary venous system of the neopallium and ventricle