



WFITN | 2025

NAPLES

WFITN Neurovascular Anatomy in Stroke Course

February
17-18-19, 2025

Royal Continental Hotel
Naples

COURSE ORGANIZER
M. Tanaka, Japan

LOCAL COURSE ORGANIZER
M. Muto, Italy

with the patronage of



WFITN

Neurovascular Anatomy in Stroke Course

The Functional Neurovascular Anatomy course is a comprehensive and didactic review of the embryology and vascular anatomy necessary for stroke intervention. The course comprises lectures, 3D anatomic sessions as well as interactive workshops on angiographic images related to stroke cases.

The course has been created for neuroradiologists, radiologists, neurologists and neurosurgeons with particular interest in neurovascular diseases. It may be interesting to physicians in training to become INR specialists as well as senior physicians who wish to refresh their knowledge in functional neurovascular anatomy.

Monday, February 17th

MORNING SESSION

- 08:00 Participants registration
- 08:30 Keynote lecture. Brain collateral arteries: embryological, anatomical or genetical dispositions *G. Rodesch*
- 09:15 Aortic arch variations *A. Biondi*
- 09:45 Arch changes with age and access strategies *M. Tanaka*
- 10:15 **Coffee break**
- 10:45 Animal variations in brain supply – ICA vs ECA and network *P. Mercier*
- 11:30 Cervical carotid surgical anatomy *H. Riina*
- 13:00 **Lunch**

AFTERNOON SESSION

4 Cases-based workshop
45 minutes each with groups rotating

- 14:00 Participants given sheet with embryological arch pattern to mark out how the shown examples occur *M. Tanaka*
- 14:45 Cases illustrating difficult arch access in stroke cases and radial access *S. Molinaro*
- 15:30 **Coffee break**
- 15:45 Cases of carotid stenosis illustrating selection for endarterectomy / stent *H. Riina*
- 16:30 PICA and Vertebral Artery Perforators *P. Mercier*
- 17:15 **Discussion**

Tuesday, February 18th

MORNING SESSION

- 08:00 ACA MCA surgical anatomy and variant *H. Riina*
- 08:30 EC IC collateral flow *P. Vilela*
- 09:00 M1 Segment occlusion cases *S. Mangiafico*
- 09:30 Telencephalic perforator territories *M. Tanaka*
- 10:00 **Coffee break**
- 10:30 3D anatomy Circle Willis/ ACA/ MCA/ Striate *P. Mercier*
- 11:00 Vertebrobasilar variations *P. Machi*
- 11:30 Post Fossa venous anatomy *P. Vilela*
- 12:00 3D anatomy Vertebrobasilar / central perforators *P. Mercier*
- 12:30 **Lunch**

AFTERNOON SESSION

4 Cases-based workshop
45 minutes each with groups rotating

- 13:30 Cases of chronic occlusion with collateral flow – determining sufficient flow *M. Tanaka*
- 14:15 Sovratentorial venous anatomy *P. Vilela*
- 15:00 **Coffee break**
- 15:30 Stroke traps – large pcom, hypoplastic P1, A Ch. Cortical territory *S. Mangiafico*
- 16:15 Participants mark out perforator territory strokes according to images shown *P. Machi*
- 17:00 **Discussion**

MORNING SESSION

- 08:00 ACA cortical territories *P. Vilela*
- 08:30 3D Anatomy M2, M3, M4 *P. Mercier*
- 09:00 MCA cortical territories *P. Machi*
- 09:30 3D Anatomy M2, M3, M4 *P. Mercier*
- 10:30 **Coffee break**
- 10:45 PCA cortical territories *M. Tanaka*
- 11:15 3D Anatomy P2, P3 *P. Mercier*
- 11:45 Diencephalic / brainstem perforator territories *M. Tanaka*
- 12:15 **Discussion**
- 12:45 **Lunch**

AFTERNOON SESSION

4 Cases-based workshop
45 minutes each with groups rotating

- 13:30 ACA stroke cases *P. Vilela*
- 14:15 M2/3 stroke examples *M. Muto*
- 15:00 **Coffee break**
- 15:30 PCA stroke cases *M. Tanaka*
- 16:15 Moyamoya cases *G. Mirone*
- 17:00 **Discussion**

During lunch and at the end of afternoon session stroke treatment simulators and stroke Software system of perfusion will be available for all participants.

Faculty



Alessandra Biondi, *Paris (FRA)*
Philippe Mercier, *Anger (FRA)*
Paolo Machì, *Genève (SWI)*
Salvatore Mangiafico, *Florence (ITA)*
Giuseppe Mirone, *Naples (ITA)*
Stefano Molinaro, *Turin (ITA)*
Mario Muto, *Naples (ITA)*
Howard Riina, *New York (USA)*
George Rodesch, *Paris (FRA)*
Michihiro Tanaka, *Kamogawa (JAP)*
Pedro Vilela, *Lisboa (PT)*

European Accreditation

Accreditation of event reference – LEE/2024/02223

WFITN Neurovascular Anatomy in Stroke Course, Naples, February 17-19 2025, has been granted 20.5 European CME credits (ECMEC@s) by the European Accreditation Council for Continuing Medical Education (EACCME®).

Accreditation Statement

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

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