



World Federation of Interventional and Therapeutic Neuroradiology

WFITN Neurovascular Anatomy in Stroke Course Naples, Italy

February 17-18-19,2025

Faculty:

Alessandra Biondi, Philippe Mercier, Paolo Machì, Salvatore Mangiafico

Giuseppe Mirone, Mario Muto, Howard Riina, Pedro Vilela, Michihiro Tanaka

Monday, February 17th, 2025 Morning

9:00 - 9:30 Aortic arch variations A Biondi

9:30 - 10:00 Arch changes with age and access strategies M Tanaka

10:00-10:15 Questions

10:15 - 10:30 Coffee Break

10:30 - 11:00 Cervical carotid surgical anatomy H. Riina

11:00 - 11:30 Segmental cervical arteries A Biondi

11:30 – 12:15 Animal variations in brain supply – ICA vs ECA and network P Mercier

12:15-12:30 Questions and comment

12:30 – 13:30 Lunch Break

Afternoon

4 Case based workshop cases – 40 minutes each with groups rotating

13:30 -15:00 – Session 1

1. Participants given sheet with embryological arch pattern to mark out how the shown examples occur **M. Tanaka**

2. Cases illustrating difficult arch access in stroke cases M.Muto

15:00 – 15:30 Coffee break



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15:30 – 17:00 – Session 2

3. Cases of carotid stenosis illustrating selection for endarterectomy / stent H. Riina
4. Anatomy of the Vertebral Artery and Medullary Perforators P Mercier

Tuesday, February 18th, 2024 Morning

8:00 – 8:30 ACA MCA surgical anatomy and variant H. Riina

8:30 – 9:00 EC IC collateral flow

9:00 – 9:30 M1 Segment occlusion cases

P. Vilela

S. Mangiafico

9:30 – 10:00 Telencephalic perforator territories

M. Tanaka

10:00 – 10:30 Coffee Break

10.30-11.00 3 D anatomy Circle Willis/ ACA/ MCA/ Striate

P. Mercier

11.00-11.30 Vertebrobasilar variations

P. Machi

11.30 -12.00 Post Fossa venous anatomy

P. Vilela

12.00-12.30 3 D anatomy Vertebrobasilar / central perforators

P. Mercier

12:30 – 13:30 Lunch Break



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Afternoon

4 Case based workshop cases – 40 minutes each with groups rotating

13:30 -15:00 – Session 1

1. Cases of chronic occlusion with collateral flow – determining sufficient flow **M. Tanaka**
2. Sovratentorial venous anatomy **P. Vilela**

15:00 – 15:30 Coffee Break

15:30 – 17:00 – Session 2

3. Stroke traps – large pcom, hypoplastic P1, A Ch. Cortical territory S. Mangiafico
4. Participants mark out perforator territory strokes according to images shown P. Machi

Wednesday, February 19th, 2024 Morning

8:00 – 8:30 ACA cortical territories

P. Vilela

8:30 – 9:00 3 D Anatomy A2, A3, A4

P. Mercier

9:00 – 9:30 MCA cortical territories

P. Machi

9:30 – 10:00 3 D Anatomy M2, M3, M4

P. Mercier

10:00 – 10:30 Coffee Break



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10:30 – 11:00 PCA cortical territories

M. Tanaka

11:00 – 11:30 3 D Anatomy P2, P3, P Mercier

11:30 – 12:00 Diencephalic / brainstem perforator territories

M. Tanaka

12:00 – 13:30 Lunch Break

Afternoon

4 Case based workshop cases – 40 minutes each with groups rotating 13:30 -15:00 –
Session 1

1. ACA stroke cases
2. M2/3 stroke examples

P. Vilela

M. Muto

15:30 – 17:00 – Session 2

3. PCA stroke cases
4. Moyamoya cases

M. Tanaka

G. Mirone

During lunch and at the end of afternoon session stroke treatment simulators and stroke

Software system will be available for all participants