



**World Federation of Interventional and
Therapeutic Neuroradiology**

WFITN Neurovascular Anatomy in Stroke Course in Naples, Italy

November 25-27, 2024

Faculty:

Mario Muto , Italy
Salvatore Mangiafico Italy
Alessandra Biondi, France
Philippe Mercier, France
George Rodesch France
Allan Taylor, South Africa
Zsolt Kulcsar, Switzerland
Paolo Machì Switzerland
Michihiro Tanaka, Japan

PROGRAM

Monday, November 25th, 2024

Morning

08.30-9.10	Keynote lecture: Cerebral Arterial Territories: From Pipes to Genes"	G. Rodesch
9:10 - 9:40	Aortic arch variations	A. Biondi
9:40 - 10:20	Arch changes with age and access strategies	M .Tanaka
10:20 - 11:00	Coffee Break	
11:00 - 11:30	Cervical carotid surgical anatomy	A. Taylor
11:30 - 12:00	Segmental cervical arteries	A. Biondi
12:00 – 12:30	animal variations in brain supply – ICA vs ECA and rete	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. 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

15:30 – 17:00 – Session 2

3. Cases of carotid stenosis illustrating selection for endarterectomy / stent A. Taylor
4. Vertebral artery cases –lateral medullary stroke P. Mercier

Tuesday, November 26th, 2024

Morning

- 8:00 – 8:30 ACA MCA variations A. Taylor
- 8:30 – 9:00 EC IC collateral flow Z. Kulcsar
- 9:00 – 9:30 M1 Segment occlusion cases 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 Pial level cortical collaterals Z. Kulcsar
- 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

Cases of chronic occlusion with collateral flow – determining sufficient flow
Accessory MCA stroke cases, underlying aneurysm

M. Tanaka
A. Taylor

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 , November 27th, 2024

Morning

8:00 – 8:30 ACA cortical territories

A .Taylor

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

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

ACA stroke cases

M. Muto

M2/3 stroke examples

A. Taylor

3. 15:30 – 17:00 – Session 2

4. PCA stroke cases

M. Tanaka

5. Moyamoya cases

A. Taylor