



# 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 17<sup>th</sup>, 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. Vertebral artery cases –lateral medullary stroke P Mercier

### **Tuesday, February 18<sup>th</sup>, 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 19<sup>th</sup>, 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