



**World Federation of Interventional and  
Therapeutic Neuroradiology**

**WFITN Neurovascular Anatomy in Stroke Course  
Singapore, July 12-14, 2023**

**Faculty:**

Sirintara (Pongpech) Singhara Na Ayudhaya, Thailand  
Philippe Mercier, France  
In Sup Choi, South Korea  
Allan Taylor, South Africa (Course Director)  
Michihiro Tanaka, Japan  
Wickly Lee, Singapore

**P R O G R A M**

**Wednesday, July 12<sup>th</sup>, 2023**

**Morning**

9:00 - 9:40	Aortic arch variations	I Choi
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	I Choi
12:00 - 12:30	animal variations in brain supply – ICA vs ECA and rete	P Mercier

**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 I Choi
2. Cases illustrating difficult arch access in stroke cases M Tanaka

**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 S Pongpech / P Mercier



## World Federation of Interventional and Therapeutic Neuroradiology

Thursday, July 13<sup>th</sup>, 2023

### Morning

8:00 – 8:30	ACA MCA variations	A Taylor
8:30 – 9:00	EC IC collateral flow	I Choi
9:00 – 9:30	M1 Segment occlusion cases	W Lee
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	S Pongpech
11:30 – 12:00	Diencephalic / brainstem perforator territories	I Choi
12:00 – 12:30	3 D anatomy Vertebrobasilar / central perforators	P Mercier

#### 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. Cases of chronic occlusion with collateral flow – determining sufficient flow M Tanaka
2. Accessory MCA stroke cases, underlying aneurysm 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 Pongpech
4. Participants mark out perforator territory strokes according to images shown I Choi



## World Federation of Interventional and Therapeutic Neuroradiology

**Friday, July 14<sup>th</sup>, 2023**

### **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	I Choi
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	Post Fossa Pial level cortical collaterals	S Pongpech

**12:00 – 13:30**

**Lunch Break**

### **Afternoon**

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

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|-------------------------|----------|
| 1. ACA stroke cases     | W Lee    |
| 2. M2/3 stroke examples | A Taylor |

**15:00 – 15:30**

**Coffee break**

3. 15:30 – 17:00 – Session 2

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|---------------------|------------|
| 4. PCA stroke cases | M Tanaka   |
| 5. Moyamoya cases   | S Pongpech |