



# ECMINT

European Course of  
Minimally Invasive Neurological Therapy

ECMINT 3.4  
Preliminary Programme

## **Endovascular Treatment of Arteriovenous Malformations and Fistulas 9 November – 17 December 2020 Virtual Course**

Course Directors: Dr Shelley Renowden, Prof Phil White

Course Administrators: Tarryn Ching / Odette Dawkins

### **Webinars available from 9 November – 16 December 2020**

- Natural history of brain AVMs
- Classification of brain AVMs
- Imaging for pial AVMs and AVFs: how I assess angioarchitecture
- Role of fMRI in embolisation treatment planning
- Cerebral proliferative angiopathy: what is it?
- Management of unruptured AVMs – ARUBA fall-out
- Sedatives and analgesics in Interventional Neuroradiology
- Functional vascular neuroanatomy of the brain stem
- Liquid embolic agents
- Techniques for transarterial embolization of brain AVMs
- Cavernous Malformations, telangiectasias and DVAs – natural history and management
- Techniques for transvenous embolisation of brains AVMs
- Vessel closure devices: which should we use?
- Stereotactic Radiosurgery for AVMs: with or without embolization?



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- Management and prevention of complications during AVM embolization
- Spinal vascular anatomy
- Embolisation of spinal vascular malformations
- Genetics of AVMs
- What is the role of middle meningeal artery embolisation in the management of chronic subdural haematomas?
- Is there a role for treatment modalities for brain AVMs other than neurosurgery?
- Normal pressure breakthrough haemorrhage: What is it? How can it be prevented?
- High flow vascular malformations in children: pathophysiology and management
- Functional vascular anatomy of the thalamus and internal capsule
- Anatomy: the skull base
- Spinal intervention: the vertebral column

**Formative Quizzes (2) available 10 – 16 December 2020**

**Final Quiz (1) 1pm – 2.30pm (UK time GMT) 16 December 2020**



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## Tutorials 14 – 16 December 2020

### Group 1

Monday 14 Dec 2020	Tutorial 1	08.30 - 09.45
	Tutorial 2	10.00 - 11.15
	Tutorial 3	13.00 - 14.15
	Tutorial 4	14.30 - 15.45
Tuesday 15 Dec 2020	Tutorial 5	08.30 - 09.45

- Management and prevention of complication during EVT of brain AVMs
- Embolization of brain AVMs: how I do it
- Assessing the risks of embolization of AVMs for the individual patient: Should I embolise this brain AVM?
- Different strategies for embolising BAVMs
- Management and prevention of complication during EVT of brain AVMs

### Group 2

Tuesday 15 Dec 2020	Tutorial 6	10.00 - 11.15
	Tutorial 7	13.00 - 14.15
	Tutorial 8	14.30 - 15.45
Wednesday 16 Dec 2020	Tutorial 9	08.30 - 09.45
	Tutorial 10	10.00 - 11.15

- Facial vascular malformations: classification and management
- Natural history and management of spinal malformations
- Management of intracranial vascular malformations in neonates and young children
- Percutaneous spinal techniques
- The pragmatists approach to AVM management

**An application has been made to the UEMS EACCME® for CME accreditation of this event.**

Please note: This programme is provisional and titles may change.