



ECMINT

European Course of
Minimally Invasive Neurological Therapy

ECMINT 1.4
Preliminary Programme

**Endovascular Treatment of Arteriovenous Malformations and Fistulas
June 21 – 25, 2016
St Anne's College, Oxford**

Course Director: Dr S Renowden

Course Organiser: Pr J V Byrne

Tuesday, June 21, 2016

12.00 – 13.00 Registration

13.00 – 13.10	Introduction to program and outline of course structure	Dr S Renowden
13.10 – 13.20	ESMINT diploma examinations in Sept. 2016 ECMINT	Pr T Andersson
13.10 – 14.00	Anatomy: Functional vascular neuroanatomy of the brainstem and cerebellum	Dr R Lenthall
14.00 – 14.35	Investigation of spontaneous intracranial haemorrhage	Pr J Byrne
14.35 – 15.15	Medical Ethics relating to Neurointerventions	Pr P Brouwer
15.15 – 15.45	Tea / Coffee / Check-in	
15.45 – 16.25	Cerebral proliferative angiopathy: what is it?	Dr J Bhattacharya
16.25 – 17.05	Classification of brain AVMs	Pr T Andersson
17.05 – 17.50	Management of unruptured AVMs – ARUBA update	Pr E Houdart
19.00	Dinner St Anne's College	



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Wednesday, June 22, 2016

08.30 – 09.15	Anatomy: the skull base	Dr S Renowden
09.15 – 10.0	Imaging for Pial AVMs and AVFs	Pr L Spelle
10.00 – 10.30	Role of fMRI in embolisation treatment planning	Dr N Voets
10.30 – 11.00	Vessel closure devices: which should we use?	Dr R Lenthall
11.00 – 11.15	Tea / Coffee	
11.00 – 11.45	Techniques for transarterial embolization of Brain AVMs	Pr L Spelle
11.45 – 12.30	Techniques for transvenous embolisation of Brains AVMs	Pr R Chapot
12.45 – 13.30	Lunch	
13.30 – 14.30	Tutorial 1	EH, RC, LS, PB
14.30 – 15.30	Tutorial 2	EH, RC, LS, PB
15.30 – 15.50	Tea / Coffee	
15.50 – 16.50	Tutorial 3	EH, RC, LS, PB
16.50 – 17.30	Management and prevention of complications during AVM embolization	Pr R Chapot
17.30 – 18.30	Quiz 1	
19.00	Dinner St Anne's College	



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Thursday, June 23, 2016

08.30 – 09.15	Anatomy: Functional vascular anatomy of the thalamus and internal capsule	Dr S Renowden
09.15 – 10.00	Neurosurgery for AVMs: when to perform preoperative embolisation?	Mr R Nelson
10.00 – 10.40	Stereotactic Radiotherapy for AVMs: Use in combination with embolization	Dr T Hodgson
10.40 – 11.00	Tea / Coffee	
11.00 – 12.00	Tutorial 4	EH, RC, LS, PB
12.00 – 12.45	Delegates, AVM cases and questions	The Faculty
12.45 – 13.30	Lunch	
13.30 – 14.10	Staged STRS for larger BAVMs	Dr T Hodgson
14.10 – 14.50	Normal pressure breakthrough bleeding: does it exist?	Mr R Nelson
14.50 – 15.05	Tea / Coffee	
15.05 – 16.05	Natural history of AVMs	Dr R al Shahi
16.05 – 17.05	Tutorial 5	SL, JB, AR, RL
17.05 – 18.05	Tutorial 6	SL, JB, AR, RL
19.00	Dinner St Anne's College	



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Friday, June 24, 2016

08.30 – 09.00	Sedatives and analgesics in Interventional Neuroradiology	Dr J Chantler
09.00– 10.00	Management of intracranial vascular malformations in neonates and young children	Dr J Bhattacharya
10.00 – 10.45	Epidemiology and genetics of AVMs	Dr R al Shahi
10.30 – 10.45	Tea / Coffee	
10.45 – 12.00	Tutorial 7	SL, JB, AR, RL
12.00 – 12.45	Cavernous Malformations, telangiectasias and DVAs – natural history and management	Mr D Porter
12.30 – 13.45	Lunch	
13.30 – 14.15	Natural history and management of spinal malformations	Dr A Rene
14.15 – 15.00	Blood tests for INR patients'	Dr V Young
15.00 – 15.30	Liquid embolics revisited	Dr S Lamin
15.15 – 15.45	Tea / Coffee	
15.45 – 17.15	Final Quiz [Computer Science Building]	
18.30	Escort to Folly Bridge for evening on the River	



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Saturday, June 25, 2016

08.30 – 09.30	Tutorial 8	SL, JB, AR, RL
09.40 – 10.30	Percutaneous spinal techniques	Dr V Beric
10.30 – 11.00	Tea / Coffee / Check-out	
11.00 – 11.45	Quiz answers	Dr S Renowden
11.45 – 12.00	Details of ECMINT 2.1 and next Cycle	Pr J Byrne
12.00	Course ends	

Tutorials

Group 1

Management and prevention of complication during EVT of BAVMs	E Houdart
Embolization of AVMs: how I do it	R Chapot
Facial vascular malformations: classification and management	P Brouwer
Assessing the risks of embolization of AVMs for the individual patient	L. Spelle (TA)

Group 2

Different strategies for embolising BAVMs	S Lamin
Angiographic analysis of AVM angioarchitecture	J Byrne
Spinal vascular malformations	A Rene
Cerebral functional neuroanatomy	R Lenthall