



ECMINT

European Course of
Minimally Invasive Neurological Therapy

ECMINT 1.4
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

13.20 – 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 (by video)

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



ECMINT

European Course of
Minimally Invasive Neurological Therapy

ECMINT 1.4
Programme

Wednesday, June 22, 2016

08.30 – 09.00	Sedatives and analgesics in Interventional Neuroradiology	Dr J Chantler
09.00 – 09.45	Imaging for Pial AVMs and AVFs	Pr L Spelle
09.45 – 10.30	Role of fMRI in embolisation treatment planning	Dr N Voets
10.30 – 11.00	Neurosurgery for AVMs: when to perform preoperative embolisation?	Mr R Nelson
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
12.30 – 13.30	Lunch	
13.30 – 14.30	Tutorial 1	EH, RC, LS, TA
14.30 – 15.30	Tutorial 2	EH, RC, LS, TA
15.30 – 15.50	Tea / Coffee	
15.50 – 16.50	Tutorial 3	EH, RC, LS, TA
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	



ECMINT

European Course of
Minimally Invasive Neurological Therapy

ECMINT 1.4
Programme

Thursday, June 23, 2016

08.30 – 09.15	Anatomy: the skull base	Dr S Renowden
09.15 – 10.00	Genetics of AVMs	Dr J Berg
10.00 – 10.45	Stereotactic Radiotherapy for AVMs: Use in combination with embolization	Dr T Hodgson
10.45 – 11.15	Tea / Coffee	
11.15 – 12.30	Tutorial 4	EH, RC, LS, TA
12.30 – 13.15	Lunch	
13.15 – 14.00	Staged STRS for larger BAVMs	Dr T Hodgson
14.00 – 14.30	Normal pressure breakthrough bleeding: does it exist?	Mr R Nelson
14.30 – 15.15	Natural history of AVMs	Dr R al Shahi
15.15 – 15.30	Tea / Coffee	
15.30 – 16.45	Tutorial 5	SL, JB, AR, RL
16.45 – 18.00	Tutorial 6	SL, JB, AR, RL
19.00	Dinner St Anne's College	



ECMINT

European Course of
Minimally Invasive Neurological Therapy

ECMINT 1.4
Programme

Friday, June 24, 2016

08.30 – 09.15	Anatomy: Functional vascular anatomy of the thalamus and internal capsule	Dr S Renowden
09.15 – 09.45	Vessel closure devices: which should we use?	Dr R Lenthall
09.45 – 10.30	Management of intracranial vascular malformations in neonates and young children	Dr J Bhattacharya
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
12.45 – 13.30	Lunch	
13.30 – 14.15	Natural history and management of spinal malformations	Dr A Rennie
14.15 – 15.00	Blood tests for INR patients'	Dr V Young
15.00 – 15.30	Liquid embolics revisited	Dr S Lamin
15.30 – 15.45	Tea / Coffee	
15.45 – 17.15	Final Quiz [Computer Science Building]	
18.30	Escort to Folly Bridge for evening on the River	



ECMINT

European Course of
Minimally Invasive Neurological Therapy

ECMINT 1.4
Programme

Saturday, June 25, 2016

08.30 – 09.45	Tutorial 8	SL, JB, AR, RL
09.45 – 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
Different strategies for embolising BAVMs	T Andersson
Assessing the risks of embolization of AVMs for the individual patient	L Spelle

Group 2

Facial vascular malformations: classification and management	S Lamin
Angiographic analysis of AVM angioarchitecture	J Byrne
Spinal vascular malformations	A Rennie
Cerebral functional neuroanatomy	R Lenthall