



EBNI

ECMINT 4.2: Cerebral Aneurysms
Monday 13th December, 2021 to Friday 17th December, June 2021
St Anne's College, Oxford

Course Directors and Organisers: Prof. P Jezzard, Dr. S Renowden and Prof. P White
Course Administrator/Co-ordinator: Ms. Tarryn Ching

Monday, 13th December 2021

12.00	Registration opens	
12.15 – 13.00	Lunch	
13.00 – 13.15	Outline of course and introduction	Dr. S Renowden Pr. P White
13.15 – 13.45	Histopathology of Aneurysms	Dr. M Hofner
13.45 – 14.15	Causes of Intracranial Aneurysms	Pr. T Andersson
14.15 – 14.45	Arterial wall physiology, dissection and repair	Dr. P Watten
14.45 – 15.15	Subarachnoid haemorrhage, causes and investigation	Dr. J MacDonald
15.15 – 15.30	Tea / Coffee	
15.30 – 16.00	Prevalence and Natural History of Intracranial Aneurysms	Dr. M Gawlitza
16.00 – 17.10	Tutorial 1 - 4 (see list below)	
17.10 – 18.20	Tutorial 1 - 4 (see list below)	
19.00 prompt	Dinner St Anne's College	



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Tuesday, 14th December 2021

08.30 – 09.00	Techniques for Endovascular Aneurysm packing with coils (inc balloon, stent, double catheter)	Dr. R Lenthall
09.00 – 09.30	Complications related to endovascular aneurysm coiling: avoidance and management	Pr. P Mordasini
09.30 – 10.15	Anatomy of the intracranial venous system 1	Dr. R Lenthall
10.15 – 10.30	Tea / Coffee	
10.30 – 11.00	Embryology of the venous system	Dr. J Bhattacharya
11.05 – 12.15	Tutorial 1 - 4 (see list below)	
12.15 – 13.15	Lunch	
13.15 – 13.45	SIH and the management of CSF venous fistulas (since SIH can mimic SAH)	Pr. J Beck
13.45 - 14.20	Stents and stent design (FDs, other braided stents, Solitaire, Atlas, Acclino)	Dr. A Rouchaud
14.25 – 15.30	Tutorial 1 - 4 (see list below)	
15.30 – 15.45	Tea / Coffee	
15.45 - 16.15	Screening for Intracranial Aneurysms	Pr. T Andersson
16.15 - 16.45	Flow diversion and neck bridging devices	Dr. S Lamin
16.45 – 18.15	Formative Quiz 1	Dr. S Renowden Pr. P White
19.00 prompt	Dinner St Anne's College	



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Wednesday, 15th December 2021

08.30 – 09.00	Blood brain barrier function and dysfunction	Dr. S Renowden
09.00 – 09.45	Literature review of trials/registries of endovascular treatment (to incl. coils, WEBs, FDs, etc)	Dr. C Taschner
09.45 - 10.15	Endovascular management of giant aneurysms	Dr. L Pierot
10.15 – 10.30	Tea / Coffee	
10.30 – 11.30	Tutorial 5 – 8 (see list below)	
11.30 – 12.30	Tutorial 5 – 8 (see list below)	
12.30 – 13.30	Lunch	
13.30 – 14.00	Woven Endobridge device and other endosaccular devices	Pr. L Pierot
14.00 – 14.45	Endothelium mediated mechanisms of vasoconstriction and vasodilatation	Pr. M Randall
14.45 - 15.15	Pharmacological agents used to prevent/treat delayed cerebral ischaemia: evidence or not	Dr. S Renowden
15.15 – 15.30	Tea / Coffee	
15.30 – 16.00	Pathophysiology and ICU management of patients with subarachnoid haemorrhage, delayed cerebral ischaemia and when to consider EVT	Dr. N Hingley
16.00 – 16.30	Imaging in vasospasm for selection of patients for EVT	Pr. C Taschner
16.30 - 17.00	EV management of patients with delayed cerebral ischaemia	Pr. P Mordasini
19.00 prompt	Dinner Balliol College (meet at St. Anne's lodge 18.45)	



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Thursday, 16th December 2021

09.00 – 09.30	Definition of coma and level of consciousness	Dr. N Hingley
09.30 – 10.00	Radiation exposure to patient and therapist - damage limitation 1	Dr. M Smail
10.00 – 10.30	How to assess effectiveness of aneurysm treatments	Pr. P White
10.30 - 10.45	Tea / Coffee	
10.45 – 12.00	Tutorial 5 - 8	
12.00 - 12.30	Contrast media (to include regular low osmolar iodine based stuff and gadolinium – IV IA intrathecal)	Dr. J MacDonald
12.30 – 13.30	Lunch	
13.30 - 14.45	Tutorial 5 – 8	
14.45 – 15.15	How to advise patients with unruptured aneurysms	Dr. S Power
15.15 – 15.30	Tea / Coffee	
15.30 – 16.00	Neurophysiology and neurobiology of pain mechanisms	Dr. S Love Jones
16.00 – 17.30	Formative Quiz 2	Dr. S Renowden Pr. P White
19.00 prompt	Dinner at St Anne's College	



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Friday, 17th December 2021

07.30 – 09.00	Breakfast / Check-out	
09.00 – 09.30	Radiation exposure to patient and therapist - damage limitation 2	Dr. M Smail
09.30 – 10.15	Vein of Galen malformation, embryology pathophysiology, management approach	Pr. J Bhattacharya
10.15 – 10.30	Tea / Coffee	
10.45 – 12.15	Final quiz Oxford Computer/IT Department	
12.30 – 13.30	Quiz answers	Dr. S Renowden Pr. P White
13.30	Course ends	

Tutorials

Tutorial 1 – 4

- Management of atypical aneurysms (dissecting, infectious, traumatic, blister) Dr. A Rouchaud
- My approach to the treatment of large, giant and wide neck aneurysms Dr. M Gawlitza
- Use of intrasaccular devices other than the WEB Dr. S Lamin
- How to treat complications related to EV treatment of aneurysms Pr. T Andersson

Tutorial 5 – 8

- My approach to delayed ischaemic deficit Pr. P Mordasini
- Use of the Web, basic and advanced (remodeling, etc.) Pr. L Pierot
- How to avoid complications in EV treatment of aneurysms Dr. S Power
- Use of flow diversion and neck bridging devices Pr. C Taschner

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

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