



# ECMINT

European Course of  
Minimally Invasive Neurological Therapy



# EBNI

## ECMINT 5.2: Cerebral Aneurysms Monday 11 December to Friday 15 December 2023

Course Directors and Organisers: Prof. P Jezzard, Dr. A Rennie and Prof. P White  
Course Administrator/Co-ordinators: Ms. Tarryn Ching & Ms. Anna Dzido

### Monday – 11<sup>th</sup> December

12.00 – 13.00	<b>Registration and lunch</b>	
13.00 – 13.15	Outline of course and introduction	PW/AR
13.15 – 13.45	SAH, causes and investigation	Dr. A Rennie
13.45 – 14.25	Histopathology of Aneurysms	Dr. M Hofer
14.25 – 14.55	Arterial wall physiology, dissection and repair	Dr. P Watton
14.55 - 15.05	Accessing feedback form	Ms. T Ching
15.05 – 15.35	Prevalence and Natural History of Intracranial Aneurysms	Dr. M Gawlitza
15.35 – 15.55	<b>Tea/Coffee</b>	
15.55 – 16.25	Endothelium mediated mechanisms of vasoconstriction and vasodilatation	Pr. G James
16.25 – 16.55	WEB device and other endosaccular devices	Pr. L Pierot
16.55 – 17.25	Which aneurysms would I still send to surgery?	Pr. T Andersson
17.50 – 18.50	<b><u>Voluntary</u> “Meet the Faculty” – TA/MG/IR/AR or PW/RL</b> (with drinks reception)	
19.00 prompt	<b>Dinner St. Anne’s College</b> (Dinner service starts promptly at 19.00, unfortunately there is no option to arrive later)	

“The European Course in Minimally Invasive Neurological Therapy (ECMINT) 5.2, Oxford, United Kingdom 11/12/2023 - 15/12/2023, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 27.5 European CME credits (ECMEC@s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.”



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## Tuesday – 12<sup>th</sup> December

08.30 – 09.00	Anatomy 3	Dr. R Lenthall
09.00 – 09.25	EV management of patients with DCI	Dr. Z Kulcsar
09.25 – 09.30	<i>ESMINT President's update</i>	<i>Dr. Z Kulcsar</i>
09.30 – 10.50	Tutorial 1	
10.50 – 11.10	<b>Tea/Coffee</b>	
11.10 – 11.40	SIH and the management of CSF venous fistulas (SIH important mimic of SAH)	Pr. J Beck
11.40 – 13.00	Tutorial 2	
13.00 – 13.50	<b>Lunch</b>	
13.50 – 14.20	Endovascular management of giant aneurysms	Pr. L Pierot
14.20 – 15.40	Tutorial 3	
15.40 – 15.55	<b>Tea/Coffee</b>	
15.55 – 17.15	Tutorial 4	
17.15 – 18.45	Formative Quiz 1	
<b>19.00 prompt</b>	<b>Dinner St. Anne's College</b>	

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## Wednesday – 13<sup>th</sup> December

08.30 – 09.00	Blood brain barrier function and dysfunction	Dr. S Renowden
09.00 – 10.20	Tutorial 5	
10.20 – 10.40	<b>Tea/Coffee</b>	
10.40 – 11.10	Anatomy 4	Dr. R Lenthall
11.10 – 12.30	Tutorial 6	
12.30 – 13.00	The role of flow diversion in intracranial aneurysm treatment	Pr. C Taschner
13.00 – 13.50	<b>Lunch</b>	
13.50 – 14.20	Stents and stent design (FDs, other braided stents, Solitaire, Atlas, Acclino etc.)	Pr. M Aggour
14.20 – 14.50	Causes of Intracranial Aneurysms	Pr. T Andersson
14.50 – 15.10	<b>Tea/Coffee</b>	
15.10 – 15.40	Complications related to aneurysm coiling: avoidance and management	Dr. P Nicholson
15.40 – 17.00	Tutorial 7	
17.00 – 17.30	Updated Literature review of trials/registries of EVT (to incl. coils, WEBs, FDs, etc)	Pr. C Taschner
17.30 – 18.00	(Q&A session with online participants PW/AR/TA concurrently)	
<b>18.50</b>	<b>Meet at lodge to walk to Balliol College</b>	
<b>19.15</b>	<b>Festive Course drinks reception &amp; dinner at Balliol College</b>	

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## Thursday – 14<sup>th</sup> December

08.30 – 09.00	Radiation exposure to patient & INR–dose minimisation	Pr. P White
09.00 – 10.20	Tutorial 8	
10.20 – 10.40	<b>Tea/Coffee</b>	
10.40 – 12.00	Tutorial 9	
12.00 – 12.30	What has ISAT told us after 2003?	Dr. A Molyneux
12.30 – 13.20	<b>Lunch</b>	
13.20 – 14.40	Tutorial 10	
14.40 – 15.10	Pharmacological agents to prevent/treat delayed cerebral ischaemia: evidence or not	Dr. A Molyneux
15.10 – 15.40	Imaging in vasospasm esp. for selection of patients for EVT	Dr. A Rennie
15.40 – 16.10	<b>Tea/Coffee</b>	
16.10 – 16.40	Techniques for Endovascular Aneurysm packing with coils (inc balloon, stent, double catheter)	Dr. I Rennie
16.40 – 17.10	Paediatric Aneurysms – essentials for the jobbing INR	Dr. A Rennie
17.10 – 18.40	Formative Quiz 2	
<b>19.00 prompt</b>	<b>Dinner St Anne's College</b>	

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## Friday – 15<sup>th</sup> December

### **Check out before start**

08.30 – 09.15	Screening for & How to advise patients with unruptured aneurysms	Pr. P White
09.15 – 10.00	Pathophysiology and ICU management of patients with SAH esp. delayed cerebral ischaemia and when ICU consider EVT	Dr. B Feix
10.00 – 10.30	Video update on ESMINT Simulation Course with Q/A	Dr. J Madjidyar
10.30 – 10.45	Course Q&A for F2F attendees PW/TC/AD +/- AR	
10.45 – 11.05	<b>Tea/Coffee</b>	
11.05 – 11.15	Set up and login ready for exam start	
11.15 – 12.45	<b>End of Course Exam – Seminar room 7, 8 &amp; 9, Ruth Deech building</b>	

**All lectures are streamed live via Reattendance platform.  
Participants will have open access to the lectures via their individual login.**

**Formative Quizzes (2) available 12 - 15 December 2023**

**Final Exam 11.15 – 12.45 (UK time - GMT) 15 December 2023**

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## ONLINE ONLY

- |  |                 |
|--|-----------------|
| 1. Contrast media (to include regular low osmolar iodine & Gd based) | Dr. J Macdonald |
| 2. How to assess the effectiveness of aneurysm treatments            | Pr. P White     |

## Tutorials live online 13 - 14 December 2023

**Each tutorial will be streamed live once via the Reattendance platform**

### Tutorials 1 - 5

- |  |                 |
|--|-----------------|
| • Case based use of the Web, basic and advanced                    | Pr. L Pierot    |
| • My approach to v. large, giant and wide neck aneurysms           | Dr. M Gawlitza  |
| • How to treat complications related to EV treatment of aneurysms  | Pr. T Andersson |
| • Chemical and mechanical vasospasm treatment:<br>when to do what? | Dr. Z Kulcsar   |
| • Coiling techniques without assist devices                        | Dr. R Lenthall  |

### Tutorials 6 - 10

- |  |                 |
|--|-----------------|
| • Case based use of flow diversion in complex aneurysm treatment                   | Pr. C Taschner  |
| • Use of novel intrasaccular devices other than the WEB                            | Dr. I Rennie    |
| • Use of antiplatelet & anticoagulation therapy in EVT<br>pragmatic approach       | Dr. S Renowden  |
| • Case based review of how to avoid Cx in EVT of aneurysms                         | Dr. P Nicholson |
| • Management of atypical aneurysms<br>(dissecting, infectious, traumatic, blister) | Pr. M Aggour    |

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