



# ECMINT

European Course of  
Minimally Invasive Neurological Therapy

Preliminary Programme

**ECMINT 3.2: Cerebral Aneurysms**  
**Wednesday 26<sup>th</sup> June to Saturday 29<sup>th</sup> June 2019**  
**St Anne's College, Oxford**

Course Director and Organisers: Dr S Renowden and Prof P White  
Course Administrator/Co-ordinator: Ms Tarryn Ching

**Wednesday, 26 June 2019**

<b>12.00</b>	<b>Registration opens</b>
<b>12.15 – 13.00</b>	<b>Lunch</b>
13.00 – 13.15	Outline of course and introduction
13.15 – 13.45	Histopathology of aneurysms
13.45 – 14.15	Causes of intracranial aneurysms
14.15 – 14.45	Arterial wall physiology, dissection and repair
14.45 – 15.15	Subarachnoid haemorrhage, causes and investigation
<b>15.15 – 15.30</b>	<b>Tea / Coffee</b>
15.30 – 16.00	Prevalence and natural history of intracranial aneurysms
16.00 – 17.10	Tutorial 1 (see list below)
17.10 – 18.20	Tutorial 2 (see list below)
<b>19.00</b>	<b>Dinner St Anne's College</b>



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## Thursday, 27 June 2019

- 08.30 – 09.00 Techniques for endovascular aneurysm packing  
(incl. balloon, stent, double catheter)
- 09.00 – 09.30 Complications related to endovascular aneurysm coiling:  
avoidance and management
- 09.30 – 10.15 Anatomy of the intracranial venous system 1
- 10.15 – 10.30 Tea / Coffee**
- 10.30 – 11.00 Embryology of the venous system
- 11.05 – 12.15 Tutorial 3 (see list below)
- 12.15 – 13.15 Lunch**
- 13.15 – 13.45 Blood brain barrier function and dysfunction
- 13.45 - 14.20 Stents and stent design (FDs, other braided stents, Solitaire, Atlas, Acclino)
- 14.25 – 15.30 Tutorial 4 (see list below)
- 15.30 – 15.45 Tea / Coffee**
- 15.45 - 16.15 Woven Endobridge device and other endosaccular devices
- 16.15 - 16.45 Flow diversion and neck bridging devices
- 16.45 – 18.15 Formative Quiz 1
- 19.15 Course dinner**



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## Friday, 28 June 2019

- 08.30 – 09.00 Endovascular management of giant aneurysms
- 09.00 – 09.45 Literature review of trials/registries of endovascular treatment
- 09.45 - 10.15 How to assess effectiveness of aneurysm treatments
- 10.15 – 10.30 Tea / Coffee**
- 10.30 – 11.30 Tutorial 5 (see list below)
- 11.30 – 12.30 Tutorial 6 (see list below)
- 12.30 – 13.30 Lunch**
- 13.30 – 14.00 How to advise patients with unruptured aneurysms
- 14.00 – 14.45 Endothelium mediated mechanisms of vasoconstriction and vasodilatation
- 14.45 - 15.15 Pharmacological agents used to prevent/treat delayed cerebral ischaemia: evidence or not
- 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
- 16.00 – 16.30 Imaging in vasospasm for selection of patients for EVT
- 16.30 - 17.00 EV management of patients with delayed cerebral ischaemia
- 17.00 - 18.30 Formative Quiz 2
- 19.00 Dinner St Anne's College**



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## Saturday, 29 June 2019

### Check out

- 08.30 – 09.00 Screening for Intracranial Aneurysms
- 09.00 – 09.30 Radiation exposure to patient and therapist - damage limitation!
- 09.30 – 10.15 Vein of Galen malformation, embryology, pathophysiology, management approach
- 10.15 – 10.30 **Tea / Coffee / Check-out**
- 10.45 – 12.15 Final quiz Oxford Computer/IT Department
- 12.30 – 13.30 Quiz answers
- 13.30 Course ends**

### Tutorials

#### Group 1 [tutorials 1-6]

- My approach to the treatment of wide neck aneurysms
- How to avoid complications in EV treatment of aneurysms
- Management of atypical aneurysms (dissecting, infectious, traumatic, blister)
- Use of flow diversion and neck bridging devices
- How to treat complications related to EV treatment of aneurysms
- Use of the Web, basic and advanced (remodeling, etc.)

**This course will provide 27 credits in accordance with the CPD Scheme of the Royal College of Radiologists.**

**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.