



ECMINT

European Course of
Minimally Invasive Neurological Therapy

Programme v1

ECMINT 4.2: Cerebral Aneurysms **December 13th – 16th 2021** **St Anne's College, Oxford**

Course Director and Organisers: 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
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 M Aggour
15.15 – 15.30	Tea / Coffee	
15.30 – 16.00	Prevalence and Natural History of Intracranial Aneurysms	Dr Gawlitza
16.00 – 17.10	Tutorial 1 (see list below)	
17.10 – 18.20	Tutorial 2 (see list below)	



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Tuesday 14th December 2021

08.30 – 09.00	Techniques for Endovascular Aneurysm Packing (inc balloon, stent, double catheter)	Dr R Lenthall
09.00 – 09.30	Complications related to endovascular aneurysm coiling: avoidance and management	Pr R Chapot
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 3 (see list below)	
12.15 – 13.15	Lunch	
13.15 – 13.45	Blood brain barrier function and dysfunction	Dr S
Renowden		
13.45 - 14.20	Stents and stent design (FDs, other braided stents, Solitaire, Atlas, Acclino)	Dr M Aggour
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	Pr L Pierot
16.15 - 16.45	Flow diversion and neck bridging devices	Dr S Lamin
16.45 – 18.15	Formative Quiz 1	Dr S Renowden



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Wednesday 15th December 2021

08.30 – 09.00	Endovascular management of giant aneurysms	Dr L Pierot
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	How to assess effectiveness of aneurysm treatments	Pr P White
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	Dr Z Kulcsar
14.00 – 14.45	Endothelium mediated mechanisms of vasoconstriction and vasodilatation	Mr D Edwards
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 (to cover microcirculation, cortical spreading depolarisation etc. after ASAH)	Pr J Bosel
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	Alex M
17.00 - 18.00	Tutorial 7	



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Thursday 16th December 2021

Check out

08.30 – 09.00	Screening for Intracranial Aneurysms	Pr T Andersson
09.00 – 09.30	Radiation exposure to patient and therapist - damage limitation!	Pr P White
09.30 – 10.15	Vein of Galen malformation, embryology, pathophysiology, management approach	Dr J Bhattacharya
10.15 – 10.30	Tea / Coffee / Check-out	
10.45 – 12.15	Final quiz Oxford Computer/IT Department	
12.30 – 13.30	Quiz answers	Dr S Renowden
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.)
- SL joined by SR
CT joined by PW
RC
ZK
TA/MG
LP

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

An application will be made to the UEMS EACCME® for CME accreditation of this event.

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