



ECMINT

European Course of
Minimally Invasive Neurological Therapy

Provisional Programme

ECMINT 3.1: Neurovascular disease of the skull base
Monday 10th December to Friday 14th December 2018
St Anne's College, Oxford

Monday, December 10, 2018

12.00	Registration opens
12.15 – 13.00	Lunch
13.00 – 13.20	Introduction to program and outline of course structure
13.20 – 14.00	Obtaining the patient's informed consent
14.00 – 14.45	Embolic agents relevant to Interventional Neuroradiology
14.45 – 15.15	Check in / Tea / Coffee
15.15 – 16.30	Tutorial 1
16.30 – 17.45	Tutorial 2
17.45 – 18.15	Brain arterial blood supply 1
19.00	Dinner St Anne's College



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Tuesday, December 11, 2018

- 08.30 – 09.00 Embryology of the cerebral circulation 1
- 09.00 – 09.45 Classification, natural history and pathophysiology of cerebral dural AVFs
- 09.45 – 10.30 Transarterial embolization of cerebral DAVF
- 10.30 – 10.45 Tea / Coffee**
- 10.45 – 11.15 Transvenous embolization of cerebral DAVFs
- 11.15 – 12.30 Tutorial 3
- 12.30 – 13.30 Lunch**
- 13.30 – 14.45 Tutorial 4
- 14.45 – 15.15 Pathophysiology, imaging of cerebral venous thrombosis
- 15.15 – 15.30 Tea / Coffee**
- 15.30 – 16.15 Treatment of cerebral venous sinus thrombosis
- 16.15 – 16.45 Intrinsic and extrinsic clotting cascades
- 16.45 – 18.15 Formative Quiz 1
- 19.00 Dinner St Anne's College**



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Wednesday, December 12, 2018

- 08.30 – 09.15 Pathophysiology and imaging of CNS tumours suitable for embolization
- 09.15 – 09.45 Trans-arterial tumour embolization techniques
- 09.45 – 10.15 Antiplatelet drugs used in EVT
- 10.15 – 10.30 Tea / Coffee**
- 10.30 – 11.45 Tutorial 5
- 11.45 – 12.30 Emergency embolisation for bleeding in the head and neck
- 12.30 – 13.30 Lunch**
- 13.30 – 14.45 Tutorial 6
- 14.45 – 15.30 Craniofacial tumour embolization
- 15.30 – 15.45 Tea / Coffee**
- 15.45 – 16.30 Management of complications in tumour embolisation
- 16.30 – 17.45 Tutorial 7
- 19.00 Dinner Balliol College**



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Thursday, December 13, 2018

- 08.30 – 09.00 Brain arterial blood supply 2
- 09.00 – 09.45 Dangerous EC-IC/VA anastomoses
- 09.45 – 10.30 Arterial puncture methodology and closure devices
- 10.30 – 10.45 Tea / Coffee**
- 10.45 – 11.15 Spinal column tumour embolization
- 11.15 – 12.30 Tutorial 8
- 12.30 – 13.15 Lunch**
- 13.15 – 14.30 Tutorial 9
- 14.30 - 15.15 Radiotherapy for skull base tumours and DAVF
- 15.15 – 15.30 Tea / Coffee**
- 15.30 – 16.45 Tutorial 10
- 16.45 - 17.15 Embryology 2
- 17.15 - 18.45 Formative quiz 2
- 19.00 Dinner St Anne's College**



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Friday, December 14, 2018

Check out

- 08.30 – 09.00 Definition of coma and LOC
- 09.00 – 09.30 Control of cerebral blood flow and perfusion
- 09.45 – 10.00 **Tea / Coffee / Check-out**
- 10.15 – 11.30 End of course quiz
- 11.30 – 13.15 Quiz answers
- 13.15 Course ends**

Tutorials

Group 1 [tutorials 1-5]

1. Techniques for tumour embolisation including percutaneous puncture
2. Treatment of cavernous sinus DAVFs and CCFs
3. Technique and practical tips on venous stenting: when and how
4. Pulsatile tinnitus
5. Investigation and management of epistaxis

Group 2 [tutorials 6-10]

6. Arterial anatomy relevant to skull base disease
7. Applied spinal angiographic anatomy/endovascular treatment of spinal dural fistulas
8. INR treatment of spinal column tumours
9. Treatments for Cranial DAVFs (excluding Cavernous sinus)
10. Trial balloon occlusion – methods for evaluating parent vessel sacrifice