



ECMINT

European Course of
Minimally Invasive Neurological Therapy



EBNI

ECMINT 5.1
Neurovascular disease of the skull base
Monday 19th to Friday 23rd June 2023
St Anne's College, Oxford

Course Directors: Dr. Adam Rennie, Prof. Phil White, Prof. Peter Jezzard
Course Administrators: Ms. Tarryn Ching, Ms. Anna Dzido

Monday, 19th June 2023 (Mary Ogilvy Lecture Theatre)

12.00	Registration / Lunch
13.00 – 13.20	Introduction to program and outline of course structure
13.20 – 13.40	Obtaining the patient's informed consent
13.40 – 14.15	Embolic agents relevant to Interventional Neuroradiology
14.15 – 14.45	Role and relevance of a skull base MDT
14.45 – 15.15	Check in / Tea / Coffee
15.15 – 16.30	Tutorial 1 (see list below)
16.30 – 17.45	Tutorial 2 (see list below)
17.45 – 18.15	Antiplatelet drugs used in EVT
19.00	Dinner at St. Anne's College

Please note this programme is provisional and may change.



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Tuesday, 20th June 2023 (Mary Ogilvy Lecture Theatre)

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| 08.30 – 09.15 | Classification, natural history and pathophysiology of cerebral dural AVFs |
| 09.15 – 09.55 | Transarterial embolization of cerebral DAVF |
| 09.55 – 10.30 | Transvenous embolization of cerebral DAVFs |
| 10.30 – 10.45 | Tea / Coffee |
| 10.45 – 12.00 | Tutorial 3 (see list below) |
| 12.00 – 13.15 | Tutorial 4 (see list below) |
| 13.15 – 14.00 | Lunch |
| 14.00 – 15.15 | Tutorial 5 (see list below) |
| 15.15 – 15.30 | Tea / Coffee |
| 15.30 – 16.15 | Pathophysiology, imaging of cerebral venous thrombosis |
| 16.15 – 16.45 | Treatment of cerebral venous sinus thrombosis |
| 16.45 – 18.15 | Formative Quiz 1 |
| 19.00 | Dinner at St. Anne's College |

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Wednesday, 21st June 2023 (Mary Ogilvy Lecture Theatre)

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| 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 | Brain arterial blood supply 1 |
| 10.15 – 10.30 | Tea / Coffee |
| 10.30 – 11.00 | Intrinsic and extrinsic clotting cascades |
| 11.00 – 11.45 | Embryology of the cerebral circulation 1 |
| 11.45 – 12.30 | Emergency embolisation for bleeding in the head and neck |
| 12.30 – 13.30 | Lunch |
| 13.30 – 14.45 | Tutorial 6 (see list below) |
| 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 | Course dinner at Cherwell Boat House |

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Thursday, 22nd June 2023 (Mary Ogilvy Lecture Theatre)

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| 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 (see list below) |
| 12.30 – 13.15 | Lunch |
| 13.15 – 14.30 | Tutorial 9 (see list below) |
| 14.30 - 15.15 | Radiotherapy for skull base tumours and DAVF |
| 15.15 – 15.30 | Tea / Coffee |
| 15.30 – 16.45 | Tutorial 10 (see list below) |
| 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, 23rd June 2023 (Mary Ogilvy Lecture Theatre)

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]

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

Group 2 [tutorials 6-10]

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

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