



# ECMINT

European Course of  
Minimally Invasive Neurological Therapy

PROGRAMME  
ECMINT 3.3

**ECMINT 3.3**  
**Monday 16th December to Friday 20<sup>th</sup> December 2019**  
**St Anne's College, Oxford**

Topic: **Ischaemic Stroke**

Course Directors: Dr Shelley Renowden, Prof Phil White

Course Organiser/administrator: Ms Tarryn Ching

**Monday, 16th December, 2019 (Mary Ogilvy Lecture Theatre)**

<b>12.00</b>	<b>Registration opens</b>
<b>12.15 – 13.00</b>	<b>Lunch</b>
13.00 – 13.10	Outline of course and introductions
13.10 – 13.45	Ischaemic Stroke – underlying causes and mechanisms
13.45 – 14.30	Measuring cerebral perfusion in health and disease with MRI
14.30 – 15.00	Arterial occlusion and collateral pathways part 1
<b>15.00 – 15.15</b>	<b>Tea / Coffee</b>
15.15 – 16.00	Clinical diagnosis of hyperacute stroke at the front door and differentiation of mimics
16.00 – 16.30	Neuroprotective agents: Current status
16.30 – 17.20	Pharmacology: The thrombolytic agents
17.20 – 17.50	Examination of the stroke patient
17.50 – 18.30	Medical treatment of ischaemic stroke (to include thrombolysis)
<b>19.00 prompt</b>	<b>Dinner St Anne's College</b>



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## Tuesday, 17th December, 2019 (Mary Ogilvy Lecture Theatre)

08.30 – 09.15	Development of endovascular techniques
09.15 – 09.45	Triage of patients for thrombectomy
09.45 – 10.30	Logistics of organizing acute thrombectomy services drip and ship vs mothership
<b>10.30 – 10.45</b>	<b>Tea / Coffee</b>
10.45 – 12.00	Tutorial A1 (see below list)
12.00 – 12.35	Penumbra concept: Time is brain
<b>12.35 – 13.30</b>	<b>Lunch</b>
13.30 – 14.45	Tutorial A2 (see below list)
14.45 - 15.15	Wake up stroke and extending the time for thrombectomy: DAWN, DEFUSE 3
<b>15.15 – 15.30</b>	<b>Tea / Coffee</b>
15.30 – 16.45	Tutorial A3 (see below list)
16.45 – 17.30	Analysis and meta-analyses of thrombectomy stroke trials and MRCLEAN registry
17.35 – 18.45	Formative quiz 1
<b>19.00 prompt</b>	<b>Dinner at St Annes</b>



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## Wednesday, 18<sup>th</sup> December, 2019 (Mary Ogilvy Lecture Theatre)

08.30 – 09.10	Endovascular strategies for thrombectomy
09.10 – 09.45	Arterial occlusion and collateral pathways part 2
09.45 – 10.15	Management/patient selection of acute vertebra-basilar stroke
<b>10.15 – 10.30</b>	<b>Tea / Coffee</b>
10.30 – 11.45	Tutorial A4 (see below list)
11.45 – 13.00	Tutorial A5 (see below list)
<b>13.00 – 13.45</b>	<b>Lunch</b>
13.45 – 15.00	Tutorial B1 (see below list)
<b>15.00 – 15.15</b>	<b>Tea / Coffee</b>
15.15 – 16.30	Tutorial B2 (see below list)
16.30 - 17.15	Stenting extracranial stenosis of endarterectomy – the current position
17.15 - 18.00	Imaging and management of intracranial obliterative arteriopathies
<b>19.00</b>	<b>Meet at lodge</b>
<b>19.30</b>	<b>Dinner at Balliol College</b>



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## Thursday, 19<sup>th</sup> December, 2019 (Mary Ogilvy Lecture Theatre)

08.30 – 09.00	Cause of clot resistance and futile thrombectomy
09.00 – 09.45	Anaesthesia in thrombectomy: best practice
09.45 – 10.15	Thrombus histology: implications for thrombectomy
<b>10.15 – 10.30</b>	<b>Tea / Coffee</b>
10.30 – 11.00	Medical management of extra-cranial artery stenosis/dissection
11.00 – 12.15	Tutorial B3 (see below list)
12.15 – 12.45	Intracranial stenosis; when to intervene
<b>12.45 - 13.45</b>	<b>Lunch</b>
13.45 - 15.00	Tutorial B4 (see below list)
<b>15.00 – 15.15</b>	<b>Tea / Coffee</b>
15.15 – 16.30	Tutorial B5 (see below list)
16.30 – 17.15	Understanding CT Perfusion and its application to patient selection for thrombectomy: Differentiation of stroke mimics
17.15 – 18.30	Formative Quiz 2
<b>19.00 prompt</b>	<b>Dinner St Anne's College</b>



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**Friday, 20<sup>th</sup> December, 2019 (Mary Ogilvy Lecture Theatre)**

## **Check out**

08.30 – 09.00	Anatomy: Cranial nerves: anatomy and blood supply
09.00 – 09.45	Ischaemic stroke in children: need for intervention
<b>10.00 – 10.30</b>	<b>Tea / Coffee / Check out</b>
10.45 – 12.15	Final Quiz (Oxford University IT Services)
12.15 – 13.15	Quiz Answers
<b>13.15pm</b>	<b>Course ends</b>

## **Tutorials A1 – A5**

- How to manage M2/other distal occlusions
- How I perform thrombectomy & approach tandem lesions
- Management of complications during thrombectomy
- Practical problems in providing a thrombectomy service (INR Unit)
- Imaging in hyperacute ischaemic stroke

## **Tutorials B1 – B5**

- Methodology and devices to facilitate thrombectomy
- Thrombectomy cases for discussion
- The stroke service (wider regional/national perspectives)
- Stenting for stenosis (extra and intracranial, emergency and elective)
- Mild(er) stroke with LVO - a pragmatist's approach

**This course will provide 34 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.