



# ECMINT

European Course of  
Minimally Invasive Neurological Therapy



# EBNI

**ECMINT 5.3  
ISCHAEMIC STROKE  
Monday 17<sup>th</sup> June to Friday 21<sup>st</sup> June 2024 –St Anne's College, Oxford**

Course Directors & Organisers: Prof. P Jezzard, Dr A Rennie & Prof. P White  
Course Administrators/Coordinators: Ms. Tarryn Ching & Ms. Anna Dzido

**Monday, 17<sup>th</sup> June 2024 (Mary Ogilvy Lecture Theatre)**

<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 introductions	Dr. AR / Pr. PW
13.15 – 13.45	Ischaemic Stroke – underlying causes and mechanisms	Dr. U Schulz
13.45 – 14.15	Examination of the stroke patient	Dr. U Schulz
14.15 – 14.45	Measuring cerebral perfusion in health and disease with MRI	Pr. P Jezzard
14.45 – 15.15	Clinical diagnosis of hyperacute stroke at the front door and differentiation of mimics	Pr. W Whiteley
<b>15.15 – 15.30</b>	<b>Tea / Coffee</b>	
15.30 – 16.00	Pharmacology: The thrombolytic agents	Dr. A Parsons
16.00 – 16.30	Medical treatment of ischaemic stroke (incl. DOAC)	Pr. W Whiteley
16.30 – 17.15	Neuroprotective agents: Current status	Pr. P Bath
17.15 – 17.45	Anatomy: Cranial nerves: anatomy and blood supply	Dr. S Renowden
17.45	<b>WELCOME DRINKS RECEPTION</b>	
<b>19.15 prompt</b>	<b>Dinner St Anne's College</b>	



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## Tuesday, 18th June 2024 (Mary Ogilvy Lecture Theatre)

08.30 – 09.00	Analysis of recent thrombectomy stroke trials & MT nos	Pr. P White
09.00 – 09.30	Cause of clot resistance and futile thrombectomy	Pr. T Andersson
09.30 – 10.00	Pragmatic Triage of patients for thrombectomy	Pr. R Blanc
10.00 – 10.30	Logistics of organizing acute thrombectomy services drip and ship vs mothership	Pr. K Lobotesis
<b>10.30 – 10.45</b>	<b>Tea / Coffee</b>	
10.45 – 12.00	Tutorial A1 (see below list)	
12.00 – 12.30	Penumbra concept: Time is brain	Pr. T Andersson
12.30 - 13.00	IV or no IV - that is the question	Pr. G Turc
<b>13.00 – 13.45</b>	<b>Lunch</b>	
13.45 – 15.00	Tutorial A2 (see below list)	
<b>15.00 – 15.15</b>	<b>Tea / Coffee</b>	
15.15 – 16.30	Tutorial A3 (see below list)	
16.30 – 17.00	Large Core infarcts – my approach	Dr. I Rennie
17.00 - 18.15	Formative quiz 1 (For F2F and online participants - can be done on your own, as many times as like before final exam)	
<b>19.15 prompt</b>	<b>Dinner St Anne's College</b>	



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## Wednesday, 19th June 2024 (Mary Ogilvy Lecture Theatre)

08.30 – 09.00	Endovascular strategies for thrombectomy	Dr. F Dorn
09.00 – 09.30	Tandem lesions – which & when to intervene	Pr. K Lobotesis
09.30 – 10.00	Management/patient selection of acute vertebro-basilar stroke	Pr. M Aggour
<b>10.00 – 10.15</b>	<b>Tea / Coffee</b>	
10.15 – 11.30	Tutorial A4 (see below list)	
11.30 – 12.45	Tutorial A5 (see below list)	
<b>12.45 – 13.30</b>	<b>Lunch</b>	
13.30 – 14.00	Training people to perform MT – lessons learnt	Pr. F Dorn
14.00 – 15.15	Tutorial B1 (see below list)	
<b>15.15 – 15.30</b>	<b>Tea / Coffee</b>	
15.30 – 16.45	Tutorial B2 (see below list)	
16.45 - 17.15	Intracranial stenosis; when to intervene	Dr. P Nicholson
17.15 – 18.00	How to interpret statistical analysis in medical studies	Pr. H Lingsma
<b>18.15 prompt</b>	<b>Meet at lodge to walk to Cherwell Boathouse Punting and BBQ</b>	
<b>19.30</b>	<b>Dinner at Cherwell Boathouse</b>	



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## Thursday, 20th June 2024 (Mary Ogilvy Lecture Theatre)

08.30 – 09.00	Development of endovascular techniques	Pr. P Machi
09.00 – 09.45	Anaesthesia in thrombectomy: best practice	Pr. M Rasmussen
09.45 – 10.15	Thrombus histology: implications for thrombectomy	Pr. S de Meyer
<b>10.15 – 10.30</b>	<b>Tea / Coffee</b>	
10.30 – 11.00	Arterial occlusion and collateral pathways	Dr. R Lenthall
11.00 – 12.15	Tutorial B3 (see below list)	
12.15 – 13.30	Tutorial B4 (see below list)	
<b>13.30 – 14.15</b>	<b>Lunch</b>	
14.15 – 15.30	Tutorial B5 (see below list)	
15.30 – 16.00	[Medical] management of extra-cranial artery stenosis/dissection	Pr. H Markus
<b>16.00 – 16.15</b>	<b>Tea / Coffee</b>	
16.15 – 17.00	Understanding CT Perfusion and its application to patient selection for thrombectomy: Differentiation of stroke mimics	Pr. P White
17.00 – 18.45	Formative quiz 2 (For F2F and online participants - can be done on your own, as many times as like before final exam)	
17.15 – 17.45	PW/AR Q&A with online participants (online participants can access quiz after Q&A or earlier if they do not join Q&A)	
<b>19.15 prompt</b>	<b>Dinner St Anne's College</b>	



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## Friday, 21st June 2024 (Mary Ogilvy Lecture Theatre)

### Check out

08.30 – 09.30	Ischaemic stroke in children incl. need for intervention	Pr. V Ganesan Dr. A Rennie
09.30 – 10.00	Imaging & Mx of intracranial obliterative arteriopathies	Dr. R Simister
<b>10.00 – 10.20</b>	<b>Tea / Coffee / Check out</b>	
10.20 – 10.30	Set up for exam	
10.30 - 12.00	<b>Final Exam via Ortrac</b>	
<b>12.00</b>	<b>Course ends</b>	

All lectures are streamed live via ReAttendance platform.  
Participants will have open access to the lectures via their individual login.

Formative Quizzes (2)  
available between 18th – 21st June 2024

Final Exam  
Friday 10.30 – 12.00 (UK time - BST) 21st June 2024



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## ONLINE LECTURES

Lectures for online only:

- MT Tips & Tricks
- Living with intense (frequency & workload) MT rotas, how to cope
- Use of antiplatelet & anticoagulation therapy in EVT pragmatic approach

Dr. S Lamin

Dr. S Power

Dr. S Renowden

## Tutorials live online 18th – 20th June 2024

Each tutorial will be streamed live via ReAttendance platform

### **Tutorials A1 – A5**

- Methodology and devices to facilitate thrombectomy
- A safe approach to tandem lesions (what/when/how)
- Stenting for stenosis (extra- and intracranial, emergency and elective)
- Providing Thrombectomy in children – the basics
- The Stroke Service

Dr. F Dorn

Pr. K Lobotesis

Pr. R Blanc

Dr. A Rennie

Pr. T Andersson

### **Tutorials B1 – B5**

- My approach to distal (A2, M3, P2-4) occlusions
- Challenging thrombectomy cases for discussion
- Imaging in stroke/TIA/arterial stenosis
- Management of complications during thrombectomy
- How to manage mild stroke with LVO?

Pr. M Aggour

Pr. P Machi

Dr. R Lenthall

Dr. I Rennie

Dr. P Nicholson