

Erasmus Course on MRI: CNS 1

3 – 7 June 2019

33 Queen Square, London WC1N 3BG



Monday 3 June - TECHNIQUE AND ANATOMY

- 08.00 – 09.00** **Registration**
- 09.00 – 09.15 **Welcome**
T Yousry – London (UK)
- 09.15 – 10.15 **Principles of image interpretation**
P Deamerel – Leuven (B)
- 10.15 – 11.00 **Surface Anatomy of the brain made easy**
T Yousry – London (UK)
- 11.00 – 11.30** **Coffee Break**
- 11.30 – 12.00 **Deep anatomy of the brain made easy**
T Yousry – London (UK)
- 12.00 – 12.45 **MR Angiography – when to apply which technique?**
A van der Lugt (NL)
- 12.45 – 13.15 **White matter tracts**
T Yousry – London (UK)
- 13.15 – 14.15** **Lunch**
- 14.15 – 15.00 **Carotid plaque: from pathphysiology to imaging**
R Jäger - London (UK)
- 15.00 – 15.45 **MR sequences for brain imaging**
K Engelhardt – Dresden (G)
- 15.45 – 16.15** **Coffee Break**
- 16.15 – 17.00 **Perfusion MRI – choosing DSC, DCE or ASL?**
R Jäger - London (UK)
- 17.00 – 17:30 **Epileptic disorders**
T Yousry – London (UK)
- 17:30 – 19:00** **Welcome Reception**
33 Queen Square



Tuesday 4 June - VASCULAR AND WHITE MATTER

- 09.00 - 09.45 **Microhemorrhages - Differential diagnosis**
J Linn – Dresden (DE)
- 09.45 - 10.30 **Pathophysiology of brain ischemia**
A van der Lugt (NL)
- 10.30 - 11.00 *Coffee Break***
- 11.00 - 11.45 **Role of imaging in planning acute stroke treatment**
A van der Lugt (NL)
- 11.45 - 12.30 **White matter Lesions – Differential diagnosis**
A Rovira – Barcelona (ES)
- 12.30 - 13.30 *Lunch***
- 13.30 – 14.15 **CSF flow and hydrocephalus**
A Rovira – Barcelona (ES)
- 14:15 – 15:00 **Movement disorders**
T Yousry – London (UK)
- 15:00 – 15:30 *Coffee Break***

Parallel workshops (4x30')

- 15.30 - 18.00 **Interactive case reading sessions**
Cerebral anatomy – J Linn
White matter lesions – A Rovira
Stroke – R Jäger
MRA – A van der Lugt



Wednesday 5 June - INFECTIONS AND NEOPLASTIC DISEASES

- 09.00 - 09.30 **Cysts and cyst like lesions**
A Krainik - Paris (F)
- 09.30 - 10.00 **Intra-axial tumours**
S Bisdas - London (UK)
- 10.00 - 10.30 **Perfusion and Diffusion MRI – Tumour characterisation and treatment response**
M Thurnher – Vienna (AT)
- 10.30 - 11.00 *Coffee Break***
- 11.00 - 11.45 **Extra-axial tumours**
A Drevelegas – Thessaloniki (GR)
- 11.45 - 12.30 **Normal Ageing**
MW Vernooij – Rotterdam (NL)
- 12.30 - 13.30 *Lunch***
- 13.30 - 14.15 **MRI of the sellar and parasellar lesions**
A Drevelegas – Thessaloniki (GR)
- 14.15 – 15.00 **AD and differential diagnosis**
MW Vernooij – Rotterdam (NL)
- 15.00 – 15.30 *Coffee break***

Parallel workshops (4x30')

- 15.30 – 18.00 **Interactive case reading sessions**
Vascular pathology – R Jäger
Tumours – A Drevelegas
Dementia – MW Vernooij
Advanced tumour imaging – S Bisdas



Thursday 6 June TRAUMA AND SKULL BASE

- 09.00 - 09.30 **Imaging of disease of the orbit**
I Davagnanam – London (UK)
- 09.30 - 10.00 **Vasculitis**
M Thurnher – Vienna (AT)
- 09.30 - 10.00 **The multiple facets of tuberculosis**
- 10.30 - 11.00 *Coffee Break***
- 11.00 - 11.45 **Brain trauma**
L van den Hauwe – Antwerp (BE)
- 11.45 - 12.30 **Cranial nerves**
J Casselman - Brugge (BE)
- 12.30 - 13.30 *Lunch***
- 13.30 - 14.15 **Diseases of the skull base**
J Casselman - Brugge (BE)
- 14.15 - 15.00 **Intracranial haemorrhage**
L van den Hauwe – Antwerp (BE)
- 15:00 – 15:30 *Coffee Break***
- Parallel workshops (4x30')**
- 15.30 – 18.00 **Interactive case reading sessions**
Orbital diseases – I Davagnanam
Intracranial infections – M Thurnher
Skull base – J Casselman
Trauma and haemorrhage – *L van den Hauwe*
- 19:00 *Course Dinner***



Friday 7 June – EXAMINATION and SPECIAL LECTURE

- 09.00 – 11.00 **Examination and corrections**
C Hoskote; T. Yousry – London (UK)
- 11.00 – 11.30** ***Coffee Break***
- 11.30 – 12.30 **Special lecture: TBC**
S Scott – London (UK)
- 12.30 – 13.00 **Closure, best student award and certificate of merit**
- 13.00 – 13.30** ***Lunch and farewell***