

Essentials of Neurosciences for the MRCs Exam

15th February 2020
School of Biosciences, Cardiff University

Programme

0800 - 0815 Registration

LECTURE THEATRE

0815 - 0830 Introduction to Course and Faculty

0830 - 0900 Neurophysiology

- Intracranial Pressure
- Cerebral Blood Flow / Autoregulation
- Cerebrospinal Fluid + Ventricular Anatomy

0900 - 0930 Basic Interpretation of CT

0930 - 1100 Neuropathology
Common Neurosurgical Disorders

1100 - 1115

Break for Refreshments

DISSECTION ROOM

1115 - 1315 Neuroanatomy
Prosection Stations (30 mins each; 2-3 candidates per group)
A = Brain Lobes / Circle of Willis
B = Vertebral Column / Spinal Cord Anatomy
C = Skull Vault / Skull Base / Dural Sinuses
D = Pathologies of the Brain and Spinal Cord

1315 - 1345

LUNCH

LECTURE THEATRE

1345 - 1415 Demonstration of Cranial Nerve Examination

GROUP SESSIONS

1415 - 1445 Cranial Nerve Examination

1445 - 1515 Cerebellar Examination

1615 - 1645 Upper Limb / Lower Limb Neurological Examination

1645 - 1700

Break for Refreshments

LECTURE THEATRE

1700 - 1730 Basic Surgical Skills: Lumbar Puncture

1730 - 1800 Neurosciences Quiz

1800 Feedback and Close