



Queen Square hydrocephalus simulation course

National Hospital for Neurology and Neurosurgery, London
Saturday 25th November 2023



08:00 Registration

Lecture
08:30 - 08:50 Introductory overview (anatomy and physiology of ventricles and CSF pathways, pathology of hydrocephalus)

Lecture
08:50 - 09:10 Management of acute hydrocephalus

Lecture
09:10 - 09:30 Paediatric hydrocephalus

Coffee break 09:30 - 09:50

Practical sessions

09:50 - ~11:50
4 groups
4 stations
4 rotations
30 mins each

1. External ventricular drains (freehand bolted and tunnelled)
2. Liguoguard and lumbar drains
3. Endoscopy & ETVs
4. Shunt tap and M.scio measurements

Lunch 12:00 - 13:00

Lecture
13:00 - 13:20 Management of adult/chronic hydrocephalus

Lecture
13:20 - 13:40 Surgery for Chiari malformation

Coffee break 13:40 - 14:00

Practical sessions

14:00 - 16:00
4 groups
4 stations
4 rotations
30 mins each

1. Valves, settings and adjustments
2. ICP bolt insertion and ICP interpretation
3. Neuronavigation
4. Foramen magnum decompression

Closing remarks