A 3-day residential course directed at the core neurosurgical syllabus for British Neurosurgical Trainees. Designed to cover the entire syllabus over 5 courses run at 6 monthly intervals

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Course Topics
- Neuroembriology • Neuronal Physiology • Neuroophthalmology • Principles of Neuroanaesthesia • Principles of Neurocritical care in Adults and Children • Brain Metabolism • Electrophysiology • Altered Consciousness and Coma • CNS Infection • Salt and Water Balance • Clotting and Haematological Issues in Neurosurgery • Statistics and Clinical Trial Design • CSF Physics and Shunt Mechanics • Hydrocephalus • Craniofacial • Epidemiology and Pathophysiology of TBI • ICP • Pre-hospital care • Management of Severe TBI • Penetrating and Blast Neurotrauma • Concussion

Course Convenors
Peter Hutchinson, Professor of Neurosurgery
Ramez Kirollos, Consultant Neurosurgeon
Simon Thomson, Consultant Neurosurgeon
Adel Helmy, Consultant Neurosurgeon

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