

Example Programme Only

Paediatric Neurosurgery: Specialist Care & Interventions

Day 1

Session Title	Content
Welcome	<ul style="list-style-type: none"> • Introduction to Educators and course attendees. <ul style="list-style-type: none"> ○ Background. ○ Attendee expectations. • Introduction to Course. • Course aims / objectives. <ul style="list-style-type: none"> ○ Timetable / Expected pre-reading- 10days tabled but only 9 attended to give 7.5 hrs for reading etc. ○ Expectations- participation, workshops, clinical responsibility, self-health.
Assessment Details	<ul style="list-style-type: none"> • Guidelines / examples / tutorial information.
A&P Workshop	<ul style="list-style-type: none"> • Recap. • Cranial Nerve assessment (including practical element.

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Day 2

Session Title	Content
Spinal Dorsal Rhizotomy	<ul style="list-style-type: none">• Surgical aspects of SDR.
Complex Movement Disorders / Dystonia	<ul style="list-style-type: none">• Presentation.• Management.

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Day 3

Session Title	Content
Retrieval Practice	<ul style="list-style-type: none"> Types of seizures, Own Involvement in CESS, Case Study.
Surgical Epilepsy Pathway	<ul style="list-style-type: none"> Referral Criteria and Process, Pathway. Role of CESS CNS.
Epilepsy- Neuro-physiology Investigations	<ul style="list-style-type: none"> Types of EEG used in CESS program.
Epilepsy- Neuro-Psychology Investigations	<ul style="list-style-type: none"> Effects of seizures on learning, memory, language. Investigations that measure effect- fMRI.
Epilepsy Surgery	<ul style="list-style-type: none"> Types of epilepsy surgery- why choose 1 over other. Expected complications/ outcomes.
Epilepsy Workshop	<ul style="list-style-type: none"> Follow case study (s) (ask for CNS help) - what pathway, timelines, what investigations needed, what surgery, expected recovery- then compare to what actually occurred. Their decisions need to be explained- why did they choose that option- could use cards etc for options. (Neurofibromatosis / Tuberous Sclerosis- onto Moodle (recorded session / lesson plan).
Assessment Check-In	<ul style="list-style-type: none"> Offer tutorial / any questions / explain feedback if applicable.

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Day 4

Session Title	Content
Retrieval practice	
Hydrocephalus and Externalised drainage systems	<ul style="list-style-type: none"> Recap CSF pathway A&P / types of hydrocephalus. EVD's/ Lumbar Drains/ Externalised shunts. Discussion between practices/ BANN Benchmark.
Different types of shunts/ valves	<ul style="list-style-type: none"> Explanation and comparison of shunt types / valves. Nursing care of different types- complications. BANN Benchmark.
CNS Infection Workshop	<ul style="list-style-type: none"> Make this into Workshop discussing local guidelines/ practise.
ID Management of CNS Infections IT/ IV Pathophysiology of BBB	
Assessment Check-in	<ul style="list-style-type: none"> Offer tutorial / any questions / explain feedback if applicable.
Hospital Tour	<ul style="list-style-type: none"> ADEM, Guillan-Barre etc to move to Moodle as resource.

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Day 5

Session Title	Content
Craniosynostosis	
Genetics of Craniosynostosis	
Neurosurgical Issues in Craniosynostosis	
Chiari Malformations	
Foramen Magnum Decompression	

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Day 6

Session Title	Content
Retrieval Practice	
Paediatric Brain Tumours	<ul style="list-style-type: none"> • Quick recap CNS tumours. • Surgical management. • Post- fossa syndrome.
Endocrine	<ul style="list-style-type: none"> • Pituitary Function. • Pituitary Tumours. • Diabetes Insipidus /SIADH/ Cerebral Salt Wasting.
CNS Tumour Workshop	<ul style="list-style-type: none"> • Current treatments / gene treatments – trials. • Any other new or experimental treatment. – case studies. • When to palliate, when parent don't agree (either with each other or with the medical team), ethical issues.
New Treatments/ Alternative treatments for CNS tumours	<ul style="list-style-type: none"> • Bring case studies/ own experience/ debate.
Assessment Check-in	<ul style="list-style-type: none"> • Offer tutorial / any questions / explain feedback if applicable.

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Day 7

Session Title	Content
TBI	<ul style="list-style-type: none"> • Presentation, Transfer, PICU.
Brain Stem Death	<ul style="list-style-type: none"> • Include Ethical issues- experiences.
Palliative	<ul style="list-style-type: none"> • A Good Death is Priceless- a parent's story.
Psychology Workshop	<ul style="list-style-type: none"> • Managing Functional Disorders. • Aspects of Psychological First Aid (managing / signposting families psychological needs). • Self-care for staff.
Assessment Check-In	<ul style="list-style-type: none"> • Offer tutorial / any questions / explain feedback if applicable.

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Day 8

Session Title	Content
Simulation	Simulations covering aspects of neurosurgical nursing care
Developments in Neuroscience Nursing.	<ul style="list-style-type: none"> • Could do as 'joint' session and bring in different people who have developed their role further in relation to neurosurgery, differences in roles: <ul style="list-style-type: none"> ○ Research. ○ Advanced Neurosurgical Nurse Practitioner. ○ Clinical Nurse Specialist- various specialities. ○ Education.
NHS South Paediatric Neuroscience ODN.	<ul style="list-style-type: none"> • Update on ODN – projects, roles, jobs!

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