



University College London Hospitals **NHS**

NHS Foundation Trust
Therapy and Rehabilitation Services, Queen Square Division
'Foundations of Neurology' for Adult Speech and Language Therapists
18th & 19th July 2019
The National Hospital for Neurology & Neurosurgery

DRAFT Day One: The Brain CHAIR: Claire Farrington-Douglas

Venue: Clinical Neuroscience Centre, 33 Queen Square, London WC1N 3BG

9.00 ***Coffee and Registration***

9.30 Welcome

9.35 The Brain - Inside and Out: Understanding Brain Scans and their relationship with clinical presentation.

10.30 Understanding Neuropathophysiology: Part One (stroke)

What does stroke tell us about the brain, language and communication?

Case study to include: *Understanding brain CT/MRI, neurological assessment, language presentation and patterns of recovery.*

11.30 ***Coffee Break***

12.00 Neuroplasticity in the context of aphasia therapy (Dr Alex Leff)

13.00 ***Lunch***

14.00 Understanding Neuropathophysiology: Part Two (brain tumour/neuro-surgery)

What does awake craniotomy tell us about the brain, language & communication?

Case study to include: *Understanding brain mapping, complex language assessment and moving away from a 'locationist' theory.*

15.00 Neuroplasticity in the context of dysphagia – mechanisms and therapeutic application

15.45 ***Coffee Break***

16.15 Understanding Neuropathophysiology: Part Three (multiple sclerosis)

What does multiple sclerosis tell us about the brain, language, swallowing & communication?

Case study to include: *Patterns of presentation & recovery in MS, understanding brain lesions, treatment options and its impact on SLT management.*

17.00 Hypothesis testing and treatment planning in SLT neurological assessment (Case studies based on brain scans)

18.00 **Close**



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DRAFT Day Two: The Cerebellum, Brainstem and Peripheral Nervous System CHAIR: Jodi Allen

Venue: Clinical Neuroscience Centre, 33 Queen Square, London WC1N 3BG

09.00 ***Coffee and Registration***

(Time for discussion & questions from day one)

9.15 Function of the brainstem & cerebellum in SLT-specific domains: to include case presentations and mapping of bulbar presentations with underlying pathophysiology.

What does cranial nerve assessment tell us about underlying neurological disease (plus implications for speech and swallowing)

11.00 ***Coffee Break***

11.30 SLT presentations in movement disorders

What does speech assessment tell us about underlying movement disorders? Implications for treatment and management.

12.30 SLT role in differential diagnosis of motor speech and dysphagia

Understanding the bigger picture: neurological presentation of movement disorders.

13.30 ***Lunch***

14.30 Neurological differential diagnosis of dysphagia in peripheral nerve and muscle disease.

A case study exploring the SLT remit in neurological differential diagnosis

15.30 Do disorders of the peripheral nervous system have cortical involvement? How does this impact SLT practice?

16.30 **Questions and Close**

