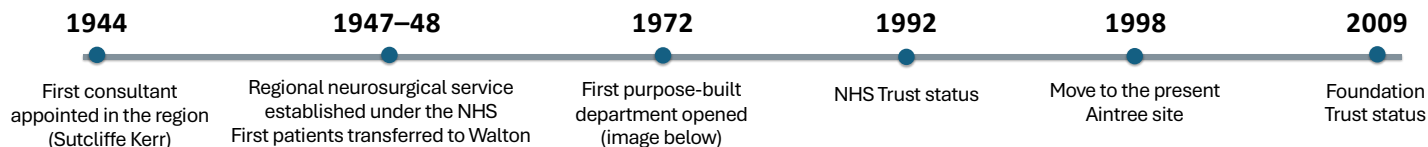


The history of neurosurgery in Liverpool



The buildings across the years:

- Began at Winwick Hospital, near Warrington. Away from Liverpool due to fear of bombing!
- 1947: Transferred to Walton Hospital, Rice Lane (wards N1/N2)
- 1972: Dedicated Mersey Regional Department of Medical and Surgical Neurology (MRDMSN)
- 1998: Moved to the present Walton Centre building on the Fazakerley (Aintree) site – today, the UK's only standalone neurosciences trust.

International links and training programme:

- First British neuro-endoscopy course, 1991 (guest of honour Harold Hoffman, Toronto).
- International guests at Liverpool SBNS meetings (Poppen, Boston, 1958; Goodrich, New York, 2017).
- Jennifer Ahluwalia helped establish a service at Safdarjung Hospital, New Delhi.

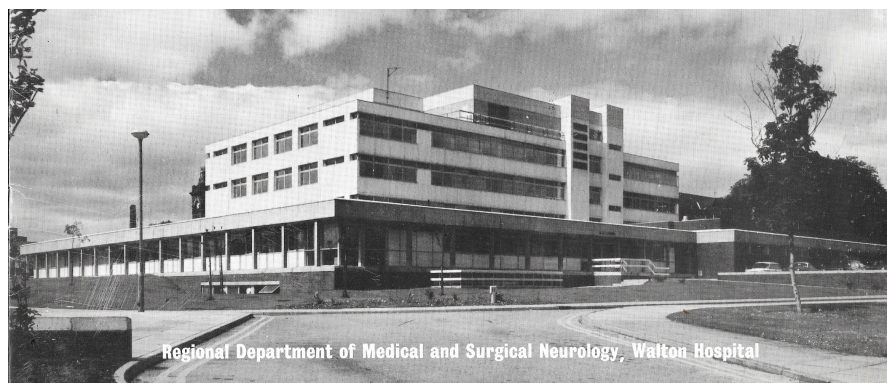
The founding consultants:

- 11 consultants over 50 years from 1944 to 1994. The first three are:
- **Alan Sutcliffe Kerr** (1909–1977): Liverpool graduate. Rockefeller Fellow 1937, under Ernest Sachs at Washington University and under Wilder Penfield at the MNI. Developed the WW2 Winwick service under the mentorship of Sir Geoffrey Jefferson (Manchester).
- **Richard Hannah** (1915–2000): epilepsy surgery; brought cortical mapping from Penfield in Montreal; founded the Mersey Region Epilepsy Association.
- **Broni Sedzimir** (1919–1985): vascular/aneurysm surgery.

Development of the unit and special features:

- Early, unusually complete subspecialisation (spine, vascular, skull base, pituitary, functional, paediatrics, oncology).
- Pain & functional neurosurgery — Lipton's Pain Relief Service (1953–54, Europe's first); >1,000 cordotomies; first NHS acupuncture (1972) and dorsal-column stimulation; John Miles's first UK DBS for pain (1976), today MR-guided focused ultrasound and laser interstitial thermal therapy.
- Paediatric neurosurgery (1991) and supraregional craniofacial services at Alder Hey (1997).

Alan Sutcliffe Kerr



Current consultants (alphabetic order grouped by main sub-speciality):

- **Oncology:** Emmanuel Chavredakis, Prof. Michael Jenkinson+, David Lawson, Farouk Olubajo, Saam Youshani, Rasheed Zakaria+
- **Spine:** Prokopis Annis*, Neil Buxton, Nick Carleton-Bland, David Carter, Marcus de Matas*, Maggie Lee, Radu Popa*, Narendra Rath*, Oluwaseun Sobowale, Nisahan Srikandarajah+, Mathew Stovel, Sathya Thambiraj*, Martin Wilby
- **Functional/Epilepsy:** Deepti Bhargava, Jibril Farah,
- **Skullbase/Vascular/Pituitary:** Catherine Gilkes, Jahangir Sajad, Ajay Sinha, Giannis Sokratous, John Usuah, Jawad Yousaf
- **Paediatrics at Alder Hey:** Jon Ellenbogen, Prof. Conor Malluci, Chris Parks, Benedetta Pettorini, Ajay Sinha, Geraint Sunderland, Vejay Vakharia

*Orthopaedic spine

+University appointed

Today's numbers:

- Current number of trainees: 11 (including 1NIHR ACF, 1 NIHR CL, 1 NIHR DRF)
- Associate specialists and fellows: 15
- Population served: ~3.5 million
- Estimated cranial & spinal operations/year: ~2,600 elective + ~1,500 emergency operations + ~2,000 day-case procedures
- Estimated >158,000 outpatients and 18,000 inpatients per year
- Dedicated neurosurgical beds: 90 and a further 20 ICU
- Special/novel equipment — 5 MRI scanners; intra-operative MRI; MR-guided focused ultrasound (one of three UK centres); laser interstitial thermal therapy (one of ~two adult UK centres); frameless NeuroMate robot; Transcranial Magnetic Stimulation (one of two UK centres).
- Major clinical trials — Shaw et al. 1985 (dipyridamole n SAH); NERVES, ROAM; RESTART, SPRING; STOP'EM; BASICS; and hosting the National Neurosurgical Audit Programme (2012).
- Major roles in national teaching (led by Mr Carleton-Bland): Liverpool Masterclass series, National GAIN programme, annual mock FRCS.