

Workshop: An Introduction to Intraoperative Ultrasound (iUS) for Neurosurgery

13 October 2026 | 12:55-14:10

Join two leading experts in neurosurgery for a discussion about iUS.

Maximum Capacity: 14 participants

Intended Audience: Neurosurgery resident doctors – Level ST1 or equivalent +

Charge: Free of charge (open to attendees of SBNS 100)

Venue

The Rutherford Room

Topics

- Navigating your way around an ultrasound system
- Transducer selection
- Image optimisation and orientation
- Tips and tricks

Speakers*



Mr. William Lo

Consultant Neurosurgeon, Children's Epilepsy Surgery Service (CESS) Lead Birmingham

Mr. Ryan Mathew

Associate Professor and Honorary Consultant Neurosurgeon Leeds



Agenda

- **Welcome and Introductions**
Mr. Ryan Mathew, Mr. William Lo, Ashley Andrews, Caroline Holvey
- **Role of iUS in Neurosurgery – How, When, and Why**
Mr. Ryan Mathew and Mr. William Lo
- **Principles of Ultrasound Imaging and Technology**
Mr. Ryan Mathew and Mr. William Lo
- **Hands-On Stations (2 - 3 workstations with phantoms)**
- **Wrap-Up and Feedback**
- **Close**

ENROLL

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By enrolling you are expressing interest in the workshop. Enrolling here does not automatically provide you a seat or act as registration. Registration will be accepted on a first come, first serve basis. A GE HealthCare representative will reach out to coordinate next steps.

*Mr. Lo and Mr. Mathew are paid consultants for GE HealthCare. The statements by the doctors described here are based on their own opinions and on results that were achieved in their unique settings. Since there is no "typical" hospital/clinical setting and many variables exist, i.e., hospital size, case mix, staff expertise, etc., there can be no guarantee that others will achieve the same results.

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