London Institute for Healthcare Engineering
King's College London

Global Neuro

SOCIETY OF BRITISH NEUROLOGICAL SURGEONS
www.sbns.org.uk

# Global Neuro Advanced Course — Neurosurgery with Anatomical Specimens

October 10-11 2026,
London, United Kingdom



## Course description

This course covers the current best strategies and considerations for managing neurotrauma and common neurological conditions including neurovascular disease, pituitary tumours, spinal disease and cerebrospinal fluid (CSF) management. In addition to neurotrauma, candidates will choose two additional topics for focused learning.

The course features an international faculty of experts and is based on competencies defined in Global Neuro's curriculum. Content is delivered using multiple methods, including lectures, small group discussion and practical sessions. Interactive case presentations further deepen this knowledge and enrich discussion. Practical sessions teach the application of Global Neuro principles to the management of common cranial and spinal neurosurgical conditions involving dry phantoms and cadaveric specimens. The CSF management stream will be delivered in partnership with the charity NeuroKids.

## Target Participants

The course is targeted at clinicians practicing in resource limited environments especially those planning to set up a new clinical service in one of the streams. The course has been developed for neurosurgical team members including:

- Cranial neurosurgeons
- Spinal neurosurgeons
- Mid-level practitioners
- Neurosurgery residents and fellows

## Goal of the course

The Global Neuro Advanced Neurosurgery course overs the theoretical basis and practical principles for managing common neurosurgical cranial and spinal conditions and making decisions in complicated cases in resource limited environments.

## Learning objectives

By completing this course, participants will be able to:

- Develop advanced practical skills through hands–on experience in neurotrauma, neurovascular, pituitary surgery, CSF management and spinal surgery
- Advance critical decision making in complex case scenarios
- Optimise a neurosurgical service in resource limited environments– specifically
- Establish networks for long–term support and mentorship

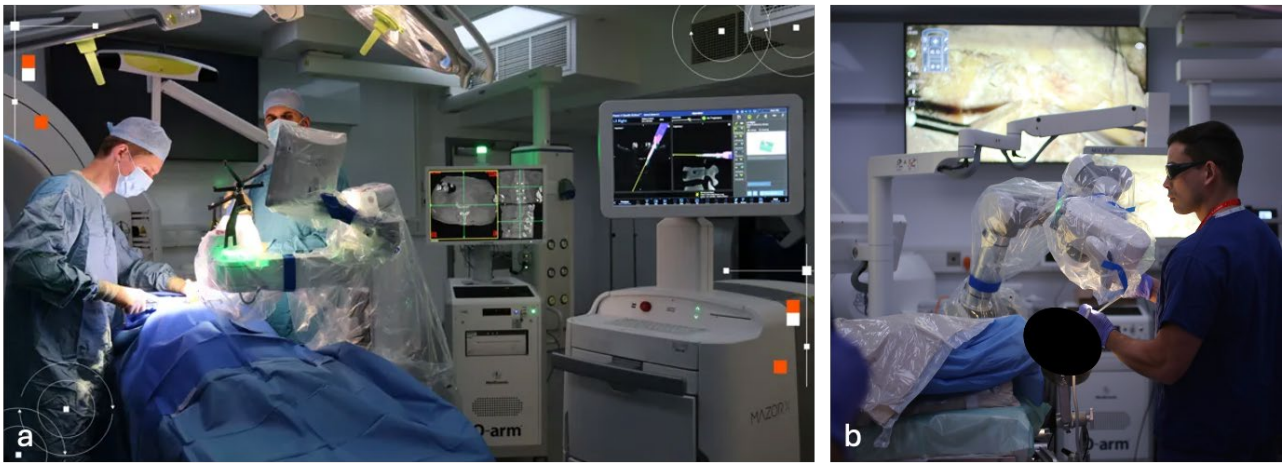


Figure 1: Images from the mock operating room that will be used during the course a) Cadaveric spinal; b) Microscopic vascular access training

# Faculty

## Chairpersons

**Jonathan Shapey**
King's College Hospital, London, UK

**Ahilan Kailaya-Vasan**
King's College Hospital, London, UK

## International Faculty (remote lecture)

| | |
|---|---|
| Michael Lawton | Barrow Neurological Institute, Phoenix, USA |
| Nidal Abuhadrous | European Gaza Hospital, Gaza Strip, Gaza |

## International Faculty (onsite)

| | |
|---|---|
| Femi Bankole | Lagos University Teaching Hospital, Lagos, Nigeria |
| Kostas Barkas | General Hospital of Nikea–Piraeus, Athens, Greece |
| Armin Gretschel | Department of Neurosurgery, Tygerberg Academic Hospital, Stellenbosch University, Cape Town, South Africa |
| Ahmed El Fiki | Faculty of medicine Cairo University, Cario, Egypt |
| Justin Onen | CURE Children's Hospital of Uganda, Kamplala, Uganda |
| Gail Rosseau | George Washington University School of Medicine and Health Sciences, Washington D. C., USA |
| Hugh Sims-Williams | AIC Kijabe Mission Hospital, Kijabe, Kenya |
| Adrian Vlok | Stellenbosch University (Tygerberg Hospital), Cape Town, South Africa |

## National Faculty

| | |
|---|---|
| Sinan Barazi | King's College Hospital, London, UK |
| Cristina Bleil | King's College Hospital, London, UK |
| Andreas Demetriades | VP Global Neuro, Royal Infirmary Edinburgh, Edinburgh, UK |
| Gordan Grahovac | King's College Hospital, London, UK |
| Peter Hutchinson | Cambridge University Hospital, Cambridge, UK |
| Pete Matthew | David Nott Foundation, University of Dundee, Dundee, UK |
| Nigel Mendoza | Imperial College Healthcare, London, UK |
| Devika Rajashekar | King's College Hospital, London, UK |
| Nick Thomas | King's College Hospital, London, UK |
| Peter Whitfield | University Hospital Plymouth, Plymouth, UK |
| Difei Wang | King's College Hospital, London, UK |

# Agenda

## Saturday, 10 October 2026

| Time | Programme | | | Faculty |
|---|---|---|---|---|
| Location: London Institute of Healthcare Engineering | | | | |
| 08:00–08:30 | Registration + welcome drink | | | |
| 08:30–08:40 | Welcome and introduction | | | J Shapey / A Kailaya-Vasan |
| Module 1 | Neurotrauma | | | |
| 08:40–09:10 | TBI management | | | P Hutchinson |
| 09:10–09:40 | TBI management in resource limited environments | | | N Abuhardrous |
| 09:40:10:10 | Spinal trauma management | | | A Vlok |
| 10:10–10:40 | Spinal trauma management in resource limited environments | | | H Sims-Williams |
| 10:40–11:00 | Coffee break and group photo | | | |
| 11:00–11:20 | Case discussion 1 (TBI management) | | | P Hutchinson |
| 11:20–11:40 | Case discussion 2 (Cranial) | | | Ahmed El Fiki |
| 11:40–12:00 | Case discussion 3 (Spine) | | | A Vlok |
| 12:00–12:20 | Case discussion 4 (Spine) | | | H Sims-Williams |
| 12:20–13:10 | Lunch break | | | |
| Module 2 | Stream A lectures & case discussions (Neurovascular, Endoscopic endonasal, Spine or CSF management) | | | |
| | Neurovascular *Lecture hall 1* | Endoscopic endonasal *Lecture hall 2* | Spine *SIE* | CSF management *Boardroom* |
| 13:10–13:40 | Expert talk 1 A Gretschel | Expert talk 1 N Thomas | Expert talk 1 A Vlok | Expert talk 1 F Bankole |
| 13:40–14:10 | Expert talk 2 A Kailaya-Vasan | Expert 2 K Barkas | Expert talk 2 G Grahovac | Expert talk 2 J Onen |
| 14:10–14:30 | Case discussion 1 A Gretschel | Case discussion 1 J Shapey | Case discussion 1 H Sims-Williams | Case discussion 1 P Whitfield |
| 14:30–14:50 | Case discussion 2 A Kailaya-Vasan | Case discussion 2 S Barazi | Case discussion 2 A Vlok | Case discussion 2 J Onen |
| 14:50–15:10 | Coffee break | | | |

| Module 3 | Stream A practical | | | |
|---|---|---|---|---|
| 15:10–17:40 | Practical (Dry lab or Cadaveric) | | | |
| | Neurovascular<br><br>A Gretschel / A Kailaya–Vasan / D Rajashekar | Endoscopic endonasal<br><br>N Thomas / J Shapey / S Barazi | Spine<br><br>A Vlok / G Grahovac / H Sims–Willams | CSF<br><br>F Bankole / C Bleil / J Onen / D Wang P Whitfield |
| 17:40–18:10 | Complex vascular neurosurgery in resource limited environments | | | M Lawton |
| 18:10–18:30 | Discussion and close | | | |
| 19:00–22:30 | Faculty dinner | | | |

## Sunday, 11 October 2026

| Time | Programme | | | Faculty |
|---|---|---|---|---|
| Location: London Institute of Healthcare Engineering | | | | |
| 08:00–08:20 | Registration | | | |
| 08:20–08:30 | Welcome | | | J Shapey / A Kailaya-Vasan |
| Module 4 | Stream B lectures & case discussions (Vascular, endoscopic endonasal, spine or CSF management) | | | |
| | Neurovascular *Lecture hall 1* | Endoscopic endonasal *Lecture hall 2* | Spine *SIE* | CSF management *Boardroom* |
| 08:30–09:00 | Expert talk 1 A Gretschel | Expert talk 1 N Thomas | Expert talk 1 A Vlok | Expert talk 1 F Bankole |
| 09:00–09:30 | Expert talk 2 A Kailaya-Vasan | Expert 2 K Barkas | Expert talk 2 G Grahovac | Expert talk 2 J Onen |
| 09:30–09:50 | Case discussion 1 A Gretschel | Case discussion 1 J Shapey | Case discussion 1 H Sims-Williams | Case discussion 1 P Whitfield |
| 09:50–10:10 | Case discussion 2 A Kailaya-Vasan | Case discussion 2 S Barazi | Case discussion 2 A Vlok | Case discussion 2 J Onen |
| 10:10–10:30 | Coffee break and group photo | | | |
| Module 5 | Stream B practical | | | |
| 10:30–13:00 | Practical (Dry lab or Cadaveric) | | | |
| | Neurovascular<br><br>A Gretschel / A Kailaya-Vasan / D Rajashekar | Endoscopic endonasal<br><br>N Thomas / J Shapey / S Barazi | Spine<br><br>A Vlok / G Grahovac / H Sims-Willams | CSF<br><br>F Bankole / C Bleil / J Onen / D Wang P Whitfield |
| 13:00–14:00 | Lunch | | | |
| Module 6 | Establishing a service in resource limited environments | | | |
| 14:00–14:30 | Global Neurotrauma and Prevention | | | G Rousseau |
| 14:30–15:00 | Humanitarian work | | | S Barazi |
| 15:00–15:30 | Austere environments | | | A E Fiki |
| 15:30–15:50 | Coffee break | | | |

| | | |
|---|---|---|
| 15:50–17:20 | Panel discussion with Q&A | G Rousseau<br>S Barazi<br>A Demetriades<br>N Mendoza<br>A El Fiki |
| 17:20–17:30 | Closure | J Shapey /<br>A Kailaya–Vasan |
| 18:00–19:30 | Pre–dinner drinks + networking event (including short talk) | All |
| 19:30–23:00 | Course dinner | All |

## Course venue

London Institute of Healthcare Engineering (LIHE)
100 Lambeth Palace Rd, London SE1 7AR

Department of Surgical & Interventional Engineering (SIE)
St Thomas's Hospital campus,
St Thomas' Hospital, Westminster Bridge Road,
London SE1 7EH

## Course organization

Global Neuro Foundation
Clavadelerstrasse 8J
7270 Davos
Switzerland

Event organizer
Jenny Cheng
Email jenny.cheng@globalneuro.org

# General Information

### Event fee

EUR 1,300

Included in the course fee are course material, coffee breaks, lunch, and course certificate.

### Course certificate

The course certificates can only be provided if the participant attends the entire event (100%) and the digital version will be available at the end of the event.

### Evaluation guidelines

All Global Neuro events apply the same evaluation process, either online (pre– and post–event evaluation) or/and onsite by paper and pencil questionnaires. This helps Global Neuro to ensure that we continue to meet your training needs.

### Dress code

Casual

### Language

English

### No insurance

The event organization does not take out insurance to cover any individual against accidents, theft, or other risks.

### Security

Security checks may be conducted at the entrance of the building. Wearing a name tag is compulsory during lectures, practical exercises, and group discussions.

### Mobile phone use

Use of mobile phones is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

### Intellectual property

Event materials, presentations, and case studies are the intellectual property of the event faculty. All rights are reserved. Check hazards and legal restrictions on www.globalneuro.org/legal

Recording, photographing, or copying lectures, practical exercises, case discussions, or any course materials is strictly forbidden. Participants violating intellectual property will be dismissed. The Global Neuro Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The Global Neuro Foundation assumes participants agree that these recorded materials may be used for Global Neuro marketing and other purposes and made available to the public.

# Global Neuro Foundation – Principles of Educational Events

**1) Academic independence**

Development of all curricula, design of scientific event programs, and selection of faculty are the sole responsibilities of volunteer surgeons from the Global Neuro network. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and involves the expertise of the Global Neuro Education Institute (www.globalneuro.org).

Industry participation is not allowed during the entire curriculum development and planning process to ensure academic independence and to keep content free from bias.

**2) Compliance to accreditation and industry codes**

All planning, organization, and execution of educational activities follow existing codes for accreditation of high-quality education:

- Accreditation Criteria of the Accreditation Council for Continuing Medical Education, USA (www.accme.org)
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities (www.accme.org)
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education (www.uems.eu)
- Events that receive direct or indirect unrestricted educational grants or in-kind support from industry also follow the ethical codes of the medical industry, such as:
- Eucomed Guidelines on Interactions with Healthcare Professionals (www.medtecheurope.org)
- AdvaMed Code of Ethics on Interactions with Health Care Professionals (www.advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.org)

**3) Branding and advertising**

No industry logos or advertising (with the exception of the Global Neuro Foundation) are permitted in the area where educational activities take place.

Sponsors providing financial or in-kind support are allowed to have a promotional booth or run activities outside the educational area with approval from the event chairperson.

**4) Personnel**

Industry staff are not allowed to interfere with the educational content or engage in educational activities during the event.

## Sponsors

A special thanks to our partners Medtronic, Raudemic, Neuroptics, GE HealthCare, Integra, Ovidious Solutions, Neurophys, Tachosil, Stryker for providing commercial support for this event.

And also thanks to the in-kind support from ZEISS and SurgeonUp