NHS
University Hospitals
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NHS Trust

Advanced Neurosurgery Simulation Camp

The Society of British Neurological Surgeons,
The RCS-JCST Speciality Advisory Committee for Neurosurgery
& The West Midlands Deanery - Postgraduate School of Surgery

proudly deliver:

The 2nd ST6+ National High-Fidelity Neurosurgery Simulation Course
18th -21st May 2026

RCS JCST

We warmly welcome the National Cohort of Neurosurgical Trainees at the level of ST6 and above

Monday 18th May - Thursday 21st May 2026

West Midlands Surgical Training Centre

Our state of the art surgical training facility will proudly host a total of 20 delegates for the duration of the course.

To maximise learning experience and ensure high faculty-delegate ratios, delegates will be divided into 2 groups. Each group will enjoy 2 days of Advanced Cranial Dissection and 2 days of White Fibre Dissection.

We also welcome you to join us for the two Industry-sponsored Educational Course Dinners on Days 2 & 3.

Clinical Sciences Building - CSB

2nd Floor, Mezzanine: Daily Registration, All Lunches
1st Floor, Rooms 10013-15: Welcome, Guest Lectures, CBDs. 10009-11: Digital Tractography

Surgical Training Centre - STC

Main Hospital Building, Ground Floor, West Wing
Cranial Dissection & White Fibre Dissection

The organising committee are immensely grateful to the Society of British Neurological Surgeons & The West Midlands Deanery - Postgraduate School of Surgery (NHS England) for their significant Educational Grants allowing this course to be delivered whilst ensuring delegate contributions are kept to an absolute minimum.
We also remain ever grateful to our Industry partners for their Educational Grants, Sponsorship, Equipment and Technical Support, without which, such High-Fidelity Operative Simulation Courses would be impossible to deliver.

Our Sponsors

The Faculty & Organising Committee

National Consultant Neurosurgical Educators

Passionate about Neurosurgery Training

Course Directors & Organising Committee

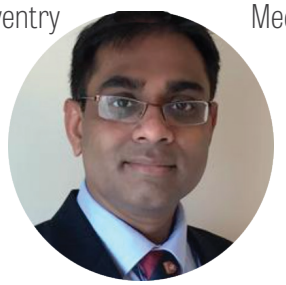
Prof. Peter Whitfield
Senior Course Director
Consultant Neurosurgeon, Plymouth
Past President SBNS

Mr Kevin Tsang
Chair: JCST-SAC Neurosurgery
Consultant Neurosurgeon, London

Mr Sandeep Solanki
Course Director & SAC Member
Consultant Neurosurgeon, Coventry

Mrs Rachel Davies
Senior Course Administrator
Medical Education, Coventry

Mr Simon Ford
Surgical Lab Director
West Midlands Surgical Training Centre, Coventry



Mr Sanjeeva Jeyaretna
Course Director & SAC Member
Consultant Neurosurgeon, Oxford

Prof. Puneet Plaha
Course Director
Consultant Neurosurgeon, Oxford

Specialist Consultant Faculty

Mr Guirish Solanki
Course Co-Convenor
WM Training Programme Director
Consultant Neurosurgeon, BCH

Advanced Cranial Dissection

Mr Sanjeeva Jeyaretna	John Radcliffe Hospital	Oxford
Mr Rikin Trivedi	Addenbrooke's Hospital	Cambridge
Mr Guirish Solanki	Birmingham Children's	Birmingham
Mr Stewart Griffiths	John Radcliffe Hospital	Oxford
Mr Gulam Zilani	Beaumont Hospital	Ireland
Mr Mario Teo	Southmead Hospital	Bristol
Mr Ahilan Kailaya-Vasan	Kings College Hospital	London
Mr Alex Boukas	John Radcliffe Hospital	Oxford
Mr Amr Mohamed	University Hospital Wales	Cardiff
Miss Anouk Borg	NHNN, Queens Square	London
Mr Ashan Jayasekera	Royal Victoria Infirmary	Newcastle
Mr Giannis Sokratous	The Walton Centre	Liverpool
Miss Gopiga Thanabalasundaram	John Radcliffe Hospital	Oxford
Mr Harshal Ingale	Queen's Medical Centre	Nottingham
Mr Radu Beltechi	University Hospital	Coventry

White Fibre Dissection

Prof. Puneet Plaha	John Radcliffe Hospital	Oxford
Mr Vas Apostolopoulos	John Radcliffe Hospital	Oxford
Mr Huan Chan	University Hospital	Stoke
Miss Erminia Albanese	University Hospital	Stoke
Mr Farouk Olubajo	The Walton Centre	Liverpool
Mr Jose Pedro Lavrador	King's College Hospital	London
Mr Sandeep Solanki	University Hospital	Coventry

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WMSTC, University Hospital Coventry, UK

Advanced Cranial Dissection

Operative Simulation of Complex Skull Base & Vascular Approaches

Day One • Monday 18th May 2026

Mr Sanjeeva Jeyaretna - Director

This exciting new Advanced Neurosurgery Simulation Camp is designed to build upon the basic cranial approaches learnt in the ST3 Camp, working towards more advanced approaches typically employed in Skull Base and Neurovascular surgery.

We aim to cover detailed anatomy and the more technical aspects of aneurysm clipping as well as complex skull base pathology including meningiomas, schwannomas, chordomas and chondrosarcomas. We shall also explore approaches to less commonly accessed areas including the anterior clinoid, cavernous sinus and petrous temporal bone.

08:00 Registration & Refreshments

08:30 Welcome to the West Midlands Surgical Training Centre

Our bespoke Surgical Training Centre provides a realistic Operating Theatre-style simulation environment fully equipt with operating microscopes, micro-instruments and much more. Our Lab Director Mr Simon Ford will acquaint you with all house rules and protocols.

09:30 The Pterional Approach - Beyond the basics

The supratentorial workhorse for skull base and neurovascular surgery.

10:30 Cadaveric Dissection - Pterional Craniotomy & Clinoidectomy

Advanced skull base drilling and neuro-vascular exposure

13:00 Lunch

14:00 Beyond Pterional - The Cavernous Sinus & Subtemporal Approach

Essential anatomical and surgical pearls for addressing pathology in this intricate region

14:45 Cadaveric dissection - Subtemporal Approach & More

Application of the theory into surgical practice

17:30 Close

19:00 Faculty Dinner

Meet at the Double Tree Hilton
Paradise Way, Walsgrave, Coventry, CV2 2ST
www.hilton.com

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Advanced Cranial Dissection

Operative Simulation of Complex Skull Base & Vascular Approaches

Day Two • Tuesday 19th May 2026

An action packed day focussing on the intfratentorial cranial compartment to complement the previous day's supratentorial focus, again to address complex skull base and neuro-vascular pathology.

We shall review the intricate surgical anatomy and associated conditions within this region, followed by in-depth surgical simulation of the relevant approaches and operative procedures.

08:00	Registration & Refreshments
08:30	**Guest Lecture:** The SAC in Neurosurgery - Enhancing Training Pearls of wisdom from the SAC Chair: Mr Kevin Tsang
09:15	The Retrosigmoid Approach & Transmeatal Extension The Infratentorial Workhorse in navigating through the Posterior Fossa
10:00	Cadaveric Dissection - Retrosigmoid Craniotomy Advanced drilling in the Cerebellar-Pontine Angle
12:00	Lunch
13:00	Beyond Retrosigmoid - Far-Lateral & Condylar Extension Understanding the anatomical relationships beyond the limits of comfort of what lies ahead
13:45	Cadaveric dissection - Expanding the Retrosigmoid Corridor Developing surgical skills to safely go beyond the comfort of the standard retrosigmoid approach
17:30	Close
19:00	Course Dinner Double Tree Hilton Paradise Way, Walsgrave, Coventry, CV2 2ST www.hilton.com

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White Fibre Dissection

Operative Simulation of White MatterTract Dissection & DTI Tractography

Day Three • Wednesday 20th May 2026

Professor Puneet Plaha - Director

Instructional courses in White Fibre Dissection for Neurosurgeons have existed worldwide for many years. This fantastic new venture boasts the integration of Applied Anatomy, bespoke Advanced Neuro-imaging with real-time Digital DTI-Tractography planning in addition to traditional Surgical White Fibre Dissection in Cadaveric Brains.

Hands-on Brain Segmentation and Tractography will be taught on Neuro-Navigation Platforms familiar to delegates - Medtronic's Stealth & Brainlab - allowing immediate transfer and application of learning into daily practice.

There will be opportunity to simulate fluorescence-guided tumour resection using the New Gliolan-Rowena Model. The day shall conclude with a special guest lecture providing valuable insight into the FRCS(SN) Examinations.

08:00 Registration & Refreshments

08:30 Introducing the White Fibre Course
A warm welcome from Professor Plaha to this bespoke White Fibre Course highlighting the key aims, objectives and competencies that will be achieved over the next two days.

08:45 Lateral Cerebral Cortex An in-depth study of clinically-applied cortical gyral and sulcal anatomy.

09:15 Brain Dissection - The Lateral Cortex

11:15 Essential Subcortical Tracts in Neuro-Oncological Surgery

11:45 Brain Dissection - Beyond Lateral Cortex into the Subcortex

13:00 Lunch & Exhibition of New Gliolan-ROWENA Simulator
Simulation of Fluorescence-guided Brain Tumour Resection with Mr Richard Ashpole

14:00 Brain Dissection - The Insula, Subcortex & Ventricles

15:00 Digital Tractography: Hands-on Surgical Simulation & Planning
3D Tumour & White-Fibre Modelling using real brain tumour imaging with Mr Sandeep Solanki.

17:00 Guest Lecture: Demystifying The Intercollegiate Fellowship Examination in Neurosurgery
Pearls of wisdom from the JCIE FRCS(SN) Exam Chair: Mr Surajit Basu

19:00 Course Dinner
Coombe Abbey
Brinklow Rd, Binley, Coventry CV3 2AB
www.coombeabbey.com

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White Fibre Dissection

Operative Simulation of White MatterTract Dissection & DTI Tractography

Day Four • Thursday 21st May 2026

The focus of this second day of White Fibre Dissection will turn to the Medial Surface of the Cerebrum, extending in a subcortical manner to the Diencephalic Structures and Brainstem.

Further opportunities available to perform 3D modelling of white fibre tracts using neuro-navigation planning stations.

Course culmination with dynamic discussions regarding application of the multimodality course learning, highlighting pearls and pitfalls in achieving maximal safe functional tumour resections in Surgical Neuro-oncology practice.

08:00	Registration & Refreshments
08:30	The Medial Cerebral Cortex & Subcortical Anatomy A deep-dive into the clinically relevant medial cortical and subcortical regions.
09:00	Brain Dissection - Medial Cortex & Beyond
11:15	The Anatomy of The Temporal Lobe & Mesial Structures
11:30	The Midline Structures - Diencephalon, Brainstem & Ventricles
11:45	Brain Dissection - 'No Man's Land': Midline Structures Navigating into regions beyond comfort - in a safe, simulated environment - for that rare encounter.
13:00	Lunch
14:00	Brain Dissection - More Midline Structures & Consolidation
15:00	Digital Tractography: Hands-on Surgical Simulation & Planning Additional session of 3D Brain and Tumour Segmentation & White-Fibre Modelling.
16:00	Case-based Discussions in Neuro-Oncological Surgery Consolidate learning with real case scenarios, applying knowledge of cortical and subcortical anatomy to plan, simulate & execute maximal safe functional resections.
17:00	Course Ends: Feedback & Farewells

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www.mededcoventry.org/courses/neurosurgery
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