

JCST
Quality Indicators for Surgical Training – Neurosurgery

Quality Indicator	
1.	Trainees in surgery should be allocated to approved posts commensurate with their level of training and appropriate to the educational opportunities available in that post (particular consideration should be given to the needs of less than fulltime trainees). Due consideration should be given to individual training requirements to minimise competition for educational opportunities.
2.	Trainees in surgery should have at least 2 hours of facilitated formal teaching each week (on average). (For example, locally provided teaching, regional meetings, annual specialty meetings, journal clubs and x-ray meetings).
3.	Trainees in surgery should have the opportunity and study time to complete and present one audit project in every twelve months. (The requirements for audit vary for each surgical specialty. Please refer to the designated specialty for details).
4.	Trainees in surgery should have easy access to educational facilities, including library and IT resources, for personal study, audit and research and their timetables should include an equivalent to half a day per week to allow for this.
5.	Trainees in surgery should be able to access study leave with expenses or funding appropriate to their specialty and level of training.
6.	Trainees in surgery should have the opportunity to complete a minimum of 40 WBAs per year (not including those done in a simulated setting), with an appropriate degree of reflection and feedback, the mix of which will depend upon their specialty and level of training.
7.	Trainees in surgery must be assigned an educational supervisor and should have negotiated a learning agreement within six weeks of commencing each post.

8.	Trainees in surgery should have the opportunity to participate in all operative briefings with use of the WHO checklist or equivalent.
9.	Trainees in surgery should have the opportunity to receive simulation training where it supports curriculum delivery.

Quality Indicators for Surgical Training - Neurosurgery All trainees

Quality Indicator	
10.	All trainees in Neurosurgery should have the opportunity to be involved with the management of patients presenting as an emergency at least one day every week, under supervision and appropriate to their level of training.
11.	All trainees in Neurosurgery should have the opportunity to attend at least one SBNS scientific meeting (or suitable equivalent agreed with their Educational Supervisor) every two years.
12.	All trainees in Neurosurgery should have the opportunity to attend at least one MDT meeting fortnightly.
13.	All trainees in Neurosurgery should have the opportunity to participate in the daily handover of cases.

Quality Indicators for Surgical Training - Neurosurgery ST1/2

Quality Indicator	
18.	Trainees in Neurosurgery at ST1 level should have the opportunity to attend National Neurosurgery Simulation Training.
19.	Trainees in Neurosurgery at ST1/2 level should have the opportunity to develop clinical skills enabling them to assess and manage neurosurgical and neurological emergencies, urgent and elective cases.
20.	Trainees in Neurology placements should have the opportunity to undertake an average of one consultant supervised outpatient-based WBA per week.
21.	Trainees in Neurosurgery, Neurology or Neurocritical care placements at ST1/2 should have the opportunity to develop practical competencies including ward and theatre based practical surgical skills.

Quality Indicators for Surgical Training - Neurosurgery ST3/4

Quality Indicator	
22.	Trainees in Neurosurgery at ST3/4 level should have the opportunity to participate in the neurosurgical management of a range of high-dependency and intensive care patients as defined by the curriculum for ST3/4.
23.	Trainees in Neurosurgery at ST3/4 level should have the opportunity to operate on a range of emergency conditions as defined by the curriculum for ST3/4 e.g. insertion of ICP monitor, burr holes, basic craniotomy flap and parts of "simple" spinal procedures.
24.	Trainees in Neurosurgery at ST3/4 level should have the opportunity to attend a minimum of 1.5 days of scheduled, consultant-led theatre each week.
25.	Trainees in Neurosurgery at ST3/4 level should have the opportunity to attend a minimum of one consultant-supervised outpatient clinic each week and should see a mix of new and follow-up patients.

Quality Indicators for Surgical Training - Neurosurgery ST5/6

Quality Indicator	
26.	Trainees in Neurosurgery at ST5/6 level should have the opportunity to attend a minimum of one consultant-supervised outpatient clinic each week and should see a mix of new and follow-up patients.
27.	Trainees in Neurosurgery at ST5/6 level should have the opportunity to attend a minimum of 1.5 days of scheduled, consultant-led theatre each week.
28.	Trainees in Neurosurgery at ST5/6 level should have the opportunity to undertake a range of operations in general Neurosurgery as defined by the curriculum for ST5/6.

29.	Trainees in Neurosurgery at ST5/6 level should have the opportunity to undertake a range of operations in urgent or emergency micro-neurosurgery as defined by the curriculum for ST5/6.
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Quality Indicators for Surgical Training - Neurosurgery ST7/8

Quality Indicator	
30.	Trainees in Neurosurgery at ST7/8 level should have the opportunity to attend a minimum of one consultant-supervised outpatient clinic each week and should see a mix of new and follow-up patients.
31.	Trainees in Neurosurgery at ST7/8 level should have the opportunity to attend a minimum of 1.5 days of scheduled, consultant-led theatre each week.
32.	Trainees in Neurosurgery at ST7/8 level should have the opportunity to undertake a range of operations in micro-neurosurgery as defined by the curriculum for ST7/8.
33.	Trainees in Neurosurgery at ST7/8 level should have the opportunity to attend a training course which covers leadership and management issues in the NHS.
34.	Trainees in Neurosurgery at ST7/8 level should have the opportunity to attend a training course which covers training and education in the NHS e.g. Training the Trainers.

Quality Indicators for Surgical Training - Spinal TIG Post

Quality Indicator	Spinal TIG Post
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35.	Trainees in a spinal TIG post must have the opportunity to attend a minimum of one consultant-supervised outpatient clinic each week and should see a mix of new and follow-up patients. Attendance at specialist clinics is expected.
36.	Trainees in a spinal TIG post must have the opportunity to attend a minimum of 2 days of scheduled, consultant-led theatre each week.
37.	Trainees in a spinal TIG post should attend a weekly spinal MDT meeting.
38.	Trainees in a spinal TIG post must have the opportunity to make independent clinical decisions and to operate, both independently and under supervision, on the full range of spinal surgery as defined by the curriculum for spinal surgery. By the end of the spinal fellowship, the trainee should be competent in most areas of spinal surgery, including elective and emergency cases.
39.	Trainees in spinal TIG post should have the opportunity to attend a training course which covers leadership and management issues in the NHS during the ST7/ ST8/ Spinal TIG stage of training.
40.	Trainees in spinal TIG post should have the opportunity to attend a training course which covers training and education in the NHS e.g. Training the Trainers, during the ST7/ ST8/ Spinal TIG stage of training.
41.	Trainees in a spinal TIG post should have the opportunity to visit other spinal surgery centres in the UK and abroad to develop a deeper and broader understanding of spinal management.
42.	Trainees in a spinal TIG post should have one session per week of protected study time. The trainee is expected to conduct audit, quality improvement and/or research and to publish and present original work.
43.	Trainees in a spine TIG post should have the opportunity to attend at least one specialist meeting per year such as the British Association of Spinal Surgery (BASS), the Society of British Neurological Surgery (SBNS), Britspine, Society for Back Pain Research and the British Scoliosis Society.