

JCST  
Quality Indicators for Surgical Training - Trauma & Orthopaedic Surgery

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 - Trauma & Orthopaedic Surgery All Trainees

Quality Indicator	
10.	All trainees in T&O should have the opportunity to attend a minimum of 3 consultant supervised theatre sessions each week.
11.	All trainees in T&O should have the opportunity to attend a minimum of 2 consultant supervised outpatient clinics each week, including fracture and specialty clinics, and should see a mix of new and follow-up patients.
12.	All trainees in T&O 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.
13.	All trainees in T&O should have the opportunity to attend at least 70% of their Regional Training Days (or equivalent if half-days) each year.
14.	All trainees in T&O should have the opportunity to attend at least two BOA or IOA conferences as appropriate every 6 years ( <i>or an equivalent number of days/half-days. NB BOA Congress equivalent to 9 half days.</i> )
15.	All trainees in T&O should have the opportunity to update their ATLS certificate.
16.	<p>All trainees in T&amp;O should have the opportunity to complete the following mix of WBAs per year in order to meet QI 6 above:</p> <p>A minimum of 10 CEX  A minimum of 10 CBD  A minimum of 20 PBA/DOPS  1 x MSF</p>
17.	All trainees in T&O should have the opportunity to attend one MDT meeting, or equivalent, per week.

Quality Indicators for Surgical Training - Trauma & Orthopaedic Surgery ST3/4

<b>Quality Indicator</b>	
18.	Trainees in T&O at ST3/4 level should have the opportunity to undertake a range of operations in Trauma as defined by the curriculum for ST3/4.
19.	Trainees in T&O at ST3/4 level should have the opportunity to operate, under supervision, on a range of elective and trauma surgery as defined by the curriculum for ST3/4.

### Quality Indicators for Surgical Training - Trauma & Orthopaedic Surgery ST5/6

Quality Indicator	
20.	Trainees in T&O at ST5/6 level should have the opportunity to undertake a range of operations, under appropriate supervision, in elective and trauma surgery, including the subspecialties, as defined by the curriculum for ST5/6.

### Quality Indicators for Surgical Training - Trauma & Orthopaedic Surgery ST7/8

Quality Indicator	
21.	Trainees in T&O at ST7/8 level should have the opportunity to undertake a range of operations, both independently and under appropriate supervision, in elective and trauma surgery as defined by the curriculum for ST7/8.
22.	Trainees in T&O at ST7/8 level should have the opportunity to operate, both independently and under appropriate supervision, on a range of operations in their chosen subspecialty of T&O Surgery as defined by the curriculum for ST7/8.
23.	Trainees in T&O at ST7/8 level should have the opportunity to attend a training course that covers management & leadership issues in the NHS within 72 months of training.
24.	Trainees in T&O 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 or equivalent.

### Quality Indicators for Surgical Training - Spinal TIG Post

Quality Indicator	Spinal TIG Post
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25.	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.
26.	Trainees in a spinal TIG post must have the opportunity to attend a minimum of 2 days of scheduled, consultant-led theatre each week.
27.	Trainees in a spinal TIG post should attend a weekly spinal MDT meeting.
28.	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.
29.	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.
30.	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.
31.	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.
32.	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.
33.	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.