Stage 1 HALO Guide *Domains of Learning, Stage Learning Outcomes, and Key Capabilitie*s

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## Change log

### 22 July 2021

* Supervision level for *Procedural Sedation* changed from 2b to 2a.

# Professional Behaviours and Communication

## Examples of evidence

### Experience & logbook

* range of surgical specialties and patient groups in theatre setting, obstetrics, pre-operative assessment clinics and Intensive Care Unit.

### Supervised Learning Events (SLEs) can be used to demonstrate:

* effective communication skills with patients during pre-operative assessment
* accurate record~~i~~ng of details of pre-operative assessment on anaesthetic chart
* discussion of event where demonstration of duty of candour is appropriate
* safe and effective handover to another member of the health care team
* high standards in prescribing medication
* active involvement with safety checks in theatre eg WHO checklist.

### Personal Activities and Personal Reflections may include:

* maintenance of professional portfolio on LLP including evidence of regular meetings with educational supervisor
* completion of GMC trainee survey
* reflection on examples of good and poor behaviour by members of the multidisciplinary team
* demonstration of confidentiality within all means of communication including social media
* simulation training: critical incidents, transfers
* attendance at quality improvement/clinical governance meetings.

### Other evidence

* multi-source feedback
* thank you cards/letters/emails from patients and colleagues.

## Cross links with other domains and capabilities

* *Education and Training*
* *Safety and Quality Improvement*
* all specialty-specific domains.

# Management and Professional and Regulatory Requirements

## 

## Examples of evidence

### Experience & Logbook:

* engagement with Anaesthetic Departmental activities.

### Supervised Learning Events (SLEs) can be used to demonstrate:

* application of principles of information governance
* knowledge of guidance from GMC and other professional bodies.

### Personal Activities and Personal Reflections may include:

* equality and diversity training
* attendance at hospital induction and completion of mandatory training requirements
* attendance at departmental clinical governance meetings
* e-learning or reading literature on employment law
* presentation at clinical governance meeting
* attendance at junior doctors’ forum meetings.

## Cross links with other domains and capabilities

* *Safety and Quality Improvement*
* *Education and Training.*

# Team Working

## Examples of evidence

### Experience & Logbook

* range of surgical specialties and patient groups in theatre setting, obstetrics, pre-operative assessment clinics and Intensive Care Unit.

### Supervised Learning Events (SLEs) can be used to demonstrate:

* evidence of good team working through reflection
* participation with teams in theatre (eg ALMAT)
* acting as a member of Medical Emergency Team
* management of the critically ill patient as part of the ICU team.

### Personal Activities and Personal Reflections may include:

* completion of resuscitation courses
* simulation training
* multi-source feedback.

## ****Cross links with other domains and capabilities****

# Safety and Quality Improvement

## Examples of evidence

### Experience & Logbook

* involvement in QI activities within Anaesthetics department as a minimum requirement.

### Supervised Learning Events (SLEs) can be used to demonstrate:

* understanding of quality improvement methodology (A-QIPAT for relevant projects)
* engagement with surgical safety initiatives and departmental guidelines relating to patient safety
* learning from critical incidents
* learning from pre-briefs and de-briefs on own and team’s performance
* evidence of applying good non-technical skills and effective multi-disciplinary team working (eg ALMAT)
* safe prescription and administration of drugs.

### Personal Activities and Personal Reflections may include:

* attendance at quality improvement training
* involvement with local, regional or national quality improvement projects
* submission of excellence and incident reports
* simulation training eg crisis resource management, critical incident, resuscitation
* attendance at local clinical governance/quality improvement meetings
* self-directed learning regarding duty of candour
* multi-source feedback.

## Cross links with other domains and capabilities

* *Professional Behaviours and Communication*
* *Team working*
* all specialty specific domains.

# Safeguarding

## Examples of evidence

### Supervised Learning Events (SLEs) can be used to demonstrate:

* management of consent in an adult who does not have capacity
* knowledge of the local procedure for referral of an adult for safeguarding concerns
* involvement with cases where there are safeguarding issues with children or adults.

### Personal Activities and Personal Reflections may include:

* attendance at local mandatory training including safeguarding
* eLearning: child and adult safeguarding
* eLearning: mental capacity act.

## Cross links with other domains and capabilities

* *Professional Behaviours and Communication*
* *Education and Training*

# Education and Training

## Examples of evidence

### Experience & Logbook

* use of SLEs throughout stage of training to facilitate learning and guide progress.

### Supervised Learning Events (SLEs) can be used to demonstrate:

* reflection on learning in the workplace and response to feedback

### Personal Activities and Personal Reflections may include:

* maintenance of professional portfolio on LLp
* setting out and review of personal development plans
* record of attendance at local and regional/school teaching sessions
* completion of GMC trainee survey
* teaching session delivered (presentation slides)
* attendance at pre-assessment (POA) or perioperative medicine (POM) clinic and reflection on learning
* production of patient educational materials
* attendance at hospital induction session(s)
* mandatory training
* simulation training
* use of eLearning Anaesthesia
* engagement with feedback on education and training
* personal learning activities such as journal articles read and reflections on them

## Cross links with other domains and capabilities

* all specialty-specific and generic professional domains

# Research and Managing Data

## Examples of evidence

### Supervised Learning Events (SLEs) can be used to demonstrate:

* use of evidence-based national or local guidelines
* accessing and interpreting evidence from the literature to aid shared-decision making.

### Personal Activities and Personal Reflections may include:

* presentation at journal club: academic paper, review article, national reports or guidelines such as CEMACH, NCEPOD, NICE
* undertaking or completed GCP certificate
* assisting with data collection for research project
* involvement in review article / literature review
* awareness of local Trainee Research Network activity (TRN).

## Cross links with other domains and capabilities

* *Safety and Quality Improvement*

# Perioperative medicine and health promotion



### Examples of evidence

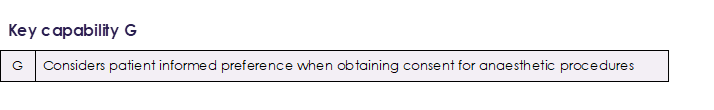
* EPA 1, 2 and 4
* SLEs throughout stage of training across range of surgical specialties and experience in pre-operative assessment clinics.

### Suggested supervision level

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance

### Cross links with other domains and capabilities

* *General Anaesthesia*



### Examples of evidence

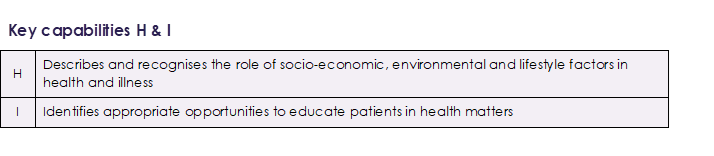
* EPA 1
* SLEs throughout stage of training across range of surgical specialties and experience in pre-operative assessment clinics.

### Suggested supervision level

* Not applicable.

### Cross links with other domains and capabilities

* *General Anaesthesia*
* *Regional Anaesthesia*



### Examples of evidence

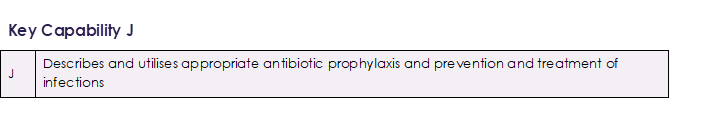
* EPA 1
* SLEs throughout stage of training across range of surgical specialties and experience in pre-operative assessment clinics.

### Suggested supervision level

* Not applicable.

### Cross links with other domains and capabilities

* *General Anaesthesia*



### Examples of evidence

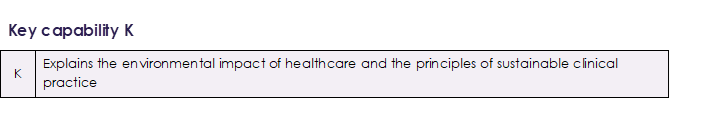
* EPA 2 and 4
* SLEs throughout stage of training across range of surgical specialties.

### Suggested supervision level

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *General Anaesthesia*
* *Intensive Care*



### Examples of evidence

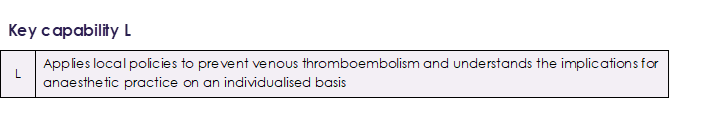
* SLEs throughout stage of training across range of surgical specialties
* Demonstration of learning through reflection of journal articles, texts, eLearning, webinars, courses etc.

### Suggested supervision level

* Not applicable.

### Cross links with other domains and capabilities

* *Intensive Care*



### Examples of evidence

* EPAs 1,2,3 and 4
* SLEs throughout stage of training across range of surgical specialties.

### Suggested supervision level

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *General Anaesthesia*
* *Regional Anaesthesia*



### Examples of evidence

* SLEs throughout stage of training across range of paediatric surgical specialties.

### Suggested supervision level

* 2a - supervisor in theatre suite, available to guide aspects of activity through monitoring at regular intervals.

### Cross links with other domains and capabilities

* *General Anaesthesia*



### Examples of evidence

* EPA 4
* SLEs throughout stage of training in obstetrics.

### Suggested supervision level

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *General Anaesthesia*
* *Regional Anaesthesia*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties.

### Suggested supervision level

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Professional Behaviours and Communication*
* *General Anaesthesia*



### Examples of evidence

* EPAs 1 and 2
* SLEs throughout stage of training across range of surgical specialties.

### Suggested supervision level

* Not applicable.

### Cross links with other domains and capabilities

* *General Anaesthesia*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties
* Blood transfusion training
* EPA 4.

### Suggested supervision level

* 3 - supervisor on call from home for queries able to provide directions via phone or non-immediate attendance.

### Cross links with other domains and capabilities

* *General Anaesthesia*

# General Anaesthesia



### Examples of evidence

* EPA 1 and 2
* SLEs throughout stage of training across range of surgical specialties
* simulation training: critical incidents.

### ****Suggested supervision level****

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Team Working*
* *Perioperative Medicine and Health Promotion*



### Examples of evidence

* EPA 2
* SLEs throughout stage of training across range of surgical specialties
* simulation training: critical incidents.

### ****Suggested supervision level****

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Team Working*
* *Safety and Quality Improvement*



### Examples of evidence

* EPAs 1, 2, 3 and 4
* SLEs throughout stage of training across range of surgical specialties
* Primary FRCA.

### ****Suggested supervision level****

* Not applicable.

### Cross links with other domains and capabilities

* *Education and Training*



### Examples of evidence

* EPAs 1, 2, and 4
* SLEs throughout stage of training across range of surgical specialties.

### ****Suggested supervision level****

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Perioperative Medicine and Health Promotion*



### Examples of evidence

* EPAs 1, 2, 3 and 4
* SLEs throughout stage of training across range of surgical specialties including ENT, Head & Neck
* simulation training: airway management.

### ****Suggested supervision level****

* 2a - supervisor in theatre suite, available to guide aspects of activity through monitoring at regular intervals.

### Cross links with other domains and capabilities

* *Perioperative Medicine and Health Promotion*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties.
* experience in different settings such as radiology, CT, MRI, ECT, Emergency Department.

### ****Suggested supervision level****

* 2a - supervisor in theatre suite, available to guide aspects of activity through monitoring at regular intervals.

### Cross links with other domains and capabilities

* *Resuscitation and Transfer*
* *Intensive Care*



### Examples of evidence

* SLEs throughout stage of training across relevant surgical specialties.
* emergency resuscitation in the Emergency Department setting
* simulation training: trauma resuscitation.

### ****Suggested supervision level****

* 1 - direct supervisor involvement, physically present in theatre throughout.

### Cross links with other domains and capabilities

* *Intensive Care*



### Examples of evidence

* SLEs throughout stage of training across relevant paediatric cases.

### ****Suggested supervision levels****

ASA 1-2 children aged 5-10:

* 2a - supervisor in theatre suite, available to guide aspects of activity through monitoring at regular intervals

ASA 1-2 children aged over 10:

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Perioperative Medicine and Health Promotion*



### Examples of evidence

* EPAs 3 and 4
* SLEs throughout stage of training across relevant obstetric cases.

### ****Sugge**sted supervision level**

* 3 - supervisor on call from home for queries able to provide directions via phone or non-immediate attendance

### Cross links with other domains and capabilities

* *Perioperative Medicine and Health Promotion*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties.

### ****Suggested supervision level****

* 2a - supervisor in theatre suite, available to guide aspects of activity through monitoring at regular intervals.

### Cross links with other domains and capabilities

* *Procedural Sedation*

# Regional Anaesthesia



### Examples of evidence

* EPAs 3 and 4
* SLEs throughout stage of training across range of surgical specialties including obstetrics
* these should include demonstration of Stop Before You Block measures.

### ****Suggested supervision level****

* 3 - supervisor on call from home for queries able to provide directions via phone or non-immediate attendance.

### Cross links with other domains and capabilities

* *Safety and Quality Improvement*
* *Perioperative Medicine and Health Promotion*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties.
* EPA 4.

### ****Suggested supervision level****

* 3 - supervisor on call from home for queries able to provide directions via phone or non-immediate attendance.

### Cross links with other domains and capabilities

* *Regional Anaesthesia*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties.

### ****Suggested supervision levels****

for simple peripheral nerve block such as wrist block:

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance

for ultrasound guided upper limb plexus block:

* 2a - supervisor in theatre suite, available to guide aspects of activity through monitoring at regular intervals.

### Cross links with other domains and capabilities

* *Regional Anaesthesia*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties.

### ****Suggested supervision level****

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Regional Anaesthesia*



### Examples of evidence

* EPAs 3 and 4
* SLEs throughout stage of training across range of surgical specialties including obstetrics.

### ****Suggested supervision level****

* 3 - supervisor on call from home for queries able to provide directions via phone or non-immediate attendance.

### Cross links with other domains and capabilities

* *Perioperative Medicine and Health Promotion*
* *Regional Anaesthesia*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties.
* Primary FRCA.

### Suggested supervision level

* Not applicable.

### Cross links with other domains and capabilities

* *Regional Anaesthesia*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties.

### Suggested supervision level

* Not applicable.

### Cross links with other domains and capabilities

* *Regional Anaesthesia*

# Resuscitation and Transfer

### 

### Examples of evidence

* SLEs throughout stage of training across relevant cases including cases managed as part of the medical emergency team.
* successful completion of adult and paediatric life support courses
* simulation training
* personal activity or reflection on attendance at debrief session.

### ****Suggested supervision level****

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Professional Behaviours and Communication*
* *Team Working*
* *Intensive Care Medicine*



### Examples of evidence

* SLEs throughout stage of training across relevant cases
* simulation training
* successful completion of a transfer course.

### ****Suggested supervision level****

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Team Working*
* *Safety and Quality Improvement*
* *Intensive Care*



### Examples of evidence

* SLEs throughout stage of training across relevant cases.
* Simulation.

### Suggested supervision level

* Not applicable.

### Cross links with other domains and capabilities

* *Intensive Care*

# Procedural sedation



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties

### ****Suggested supervision level****

* 2a - Supervisor in theatre suite, available to guide aspects of activity through monitoring at regular intervals

### Cross links with other domains and capabilities

* *Regional Anaesthesia*
* *Resuscitation and Transfer*
* *Intensive Care*

# Pain



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties including acute pain rounds
* safe and appropriate prescribing of medication for pain management in the perioperative period.

### ****Suggested supervision level****

* 2b - supervisor within hospital for queries, able to provide prompt direction/assistance.

### Cross links with other domains and capabilities

* *Professional Behaviours and Communication*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties including acute pain rounds
* personal activities such as teaching sessions, e-learning, attending pain clinic.

### ****Suggested supervision level****

* 2a - supervisor in theatre suite, available to guide aspects of activity through monitoring at regular intervals.

### Cross links with other domains and capabilities

* *Professional Behaviours and Communication*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties including those from obstetrics and paediatrics
* EPAs 3 and 4.

### Suggested supervision level

* Not applicable.

### Cross links with other domains and capabilities

* *General Anaesthesia*
* *Intensive Care*



### Examples of evidence

* SLEs throughout stage of training across range of surgical specialties eg setting up PCA pump
* EPA 3.

### Suggested supervision level

* 3 - supervisor on call from home for queries able to provide directions via phone or non-immediate attendance.

### Cross links with other domains and capabilities

* *Safety and Quality Improvement*
* *General Anaesthesia*

# Intensive Care



### Examples of evidence

* SLEs throughout period of training for relevant cases.

### Suggested supervision level

* FICM capability level 2 (see below for details).

### Cross links with other domains and capabilities.

* *Resuscitation and Transfer*



### Examples of evidence

* SLEs throughout period of training for relevant cases.

### Suggested supervision level

* FICM capability level 2 (see below for details).

### Cross links with other domains and capabilities.

* *Resuscitation and Transfer*



### Examples of evidence

* SLEs throughout period of training for relevant cases
* simulation training including adult resuscitation courses.

### Suggested supervision level

* FICM capability level 2 (see below for details).

### Cross links with other domains and capabilities.

* *Resuscitation and Transfer*



### Examples of evidence

* SLEs throughout stage of training for relevant cases
* simulation training including paediatric resuscitation courses.

### Suggested supervision level

* FICM capability level 1 (see below for details).

### Cross links with other domains and capabilities.

* *Resuscitation and Transfer*



### Examples of evidence

* SLEs throughout stage of training for relevant cases.

### Suggested supervision level

* FICM capability level 2 (see below for details).

### Cross links with other domains and capabilities

* *Perioperative Medicine and Health Promotion*



### Examples of evidence

* SLEs throughout period of training for relevant cases.

### Suggested supervision level

* FICM capability level 2 (see below for details).

### Cross links with other domains and capabilities

* *Resuscitation and Transfer*



### Examples of evidence

* SLEs throughout period of training for relevant cases.

### Suggested supervision level

* FICM capability level 2 (see below for details).

### Cross links with other domains and capabilities

* *Resuscitation and Transfer*



### Examples of evidence

* SLEs throughout period of training for relevant cases.

### Suggested supervision level

* FICM capability level 2 (see below for details).

### Cross links with other domains and capabilities

* *Professional Behaviours and Communication*



### Examples of evidence

* SLEs throughout period of training for relevant cases.

### Suggested supervision level

* FICM capability level 1 (see below for details).

### Cross links with other domains and capabilities

* *Professional Behaviours and Communication*
* *Resuscitation and Transfer*



### Examples of evidence

* SLEs throughout period of training for relevant cases
* simulation training
* personal activity and reflection: journal article, eLearning.

### Suggested supervision level

* FICM capability level 0 (see below for details).



### Examples of evidence

* SLEs throughout period of training for relevant cases.

### Suggested supervision level

* FICM capability level 1 (see below for details).

### Cross links with other domains and capabilities

* *Resuscitation and Transfer*

## FICM Capability Levels

A screenshot of a computer

Description automatically generated with medium confidence

# Stage 1 practical procedures (with supervision levels)

