

Appendix 4: Index Procedures / Indicative Numbers

Index procedures are of significant importance for patient safety and demonstrate a safe breadth of practice.

By certification there should be documented evidence of performance at the level of a day-one consultant in the portfolio by means of the PBA. The table below sets out the required PBA levels ranging between 2 to 4:

- Level 2 a: Guidance required for most/all of the procedure (or part performed)
 - b: Guidance or intervention required for key steps only
- Level 3 a: Procedure performed with minimal guidance or intervention (needed occasional help)
 - b: Procedure performed competently without guidance or intervention but lacked fluency
- Level 4 a: Procedure performed fluently without guidance or intervention
 - b: As 4a and was able to anticipate, avoid and/or deal with common problems/complications

In addition, the indicative numbers of index cases help to demonstrate sufficient experience to be able to manage the range of pathology trainees encounter. It is recognised that competence could be achieved with fewer cases, if supported by evidence from other assessments. Meeting the numbers does not, in itself, imply competence.

Critical Progression Point End of phase 2 All trainees

Indicative Numbers

Summarise the number of cases (S-TS + S-TU + P + T) you have performed for each of the procedures below:

Elective General and GI Surgery+ Emergency General Surgery (Phase 2)		Number
Inguinal hernia	50	.....
Cholecystectomy	40	.....
Segmental colectomy	15	.....
Emergency laparotomy	45	.....
Appendicectomy	60	.....

Index procedures operative competency

Indicate the number of PBAs (to the level shown) you have for each of the procedures listed.

An indicative three or more PBAs by different assessors for each of the procedures.

Elective General and GI Surgery+ Emergency General Surgery (Phase 2)		Number
Hernia repair – all types	Level 4	.....
Cholecystectomy (both laparoscopic and/or open)	Level 3	.....
Segmental colectomy	Level 3	.....

**Critical Progression Point
End of phase 3
Certification**

Indicative Numbers

Summarise the number of cases (S-TS + S-TU + P + T) you have performed in your two phase 3 special interest modules (the indicative numbers for certification are shown).

Emergency General Surgery	Phase 3 <input type="checkbox"/>	Number
Emergency laparotomy	100	.....
Appendicectomy	80	.....
Cholecystectomy*	50
Segmental colectomy*	20
*May include elective case numbers		
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Breast	Phase 3 <input type="checkbox"/>	
Module 2A		
Breast cancer conservation	100
Mastectomy	70
inc skin sparing	40
Axillary surgery inc ANC, SNB	100	.....
Reduction mammoplasty techniques	40
Module 2B		
Implant reconstruction	40
Local flaps	25
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Colorectal	Phase 3 <input type="checkbox"/>	
Anterior resection	30
Fistula surgery	20
Segmental colectomy	50
(some colonic resections should be laparoscopic)		
Haemorrhoidectomy	15
Colonoscopy	200
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Oesophagogastric	Phase 3 <input type="checkbox"/>	
Major OG procedures	35
(includes anti-reflux, obesity and OG resection)		
(some trainees will focus primarily on benign and others on resectional)		
Cholecystectomy	110	.....
Gastroscopy	200	.....

Hepatopancreaticobiliary	Phase 3 <input type="checkbox"/>	Number
Major HPB procedures	35
Cholecystectomy	110
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Gastrointestinal and GSoC	Phase 3 <input type="checkbox"/>	
Segmental Colectomy	50
Cholecystectomy	110
Paediatric herniotomy	20
Gastroscopy	200
Colonoscopy	200
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Transplant	Phase 3 <input type="checkbox"/>	
Kidney Transplant and Dialysis Module		
Kidney transplant	40
Benchwork preparation for kidney transplant	40	.....
Insertion of PD catheter	20	.....
Creation of AV fistula	50	.....
Pancreas Transplant and Organ Retrieval Module		
Pancreas transplant	10	.....
Benchwork preparation for pancreas transplant	10	.....
Kidney implant part of SPK	10	.....
Multi-organ retrieval	30	.....
Emergency laparotomy (excl retrievals)	80	.....
Liver Transplant and Organ Retrieval Module		
Liver transplant	30	.....
Benchwork preparation for liver transplant	30
Multi-organ retrieval	30
Emergency laparotomy (excl retrievals)	80
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Endocrine	Phase 3 <input type="checkbox"/>	
Thyroidectomy	50
Re-operative thyroid surgery	10
Parathyroidectomy	30

Adrenalectomy	**
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Trauma	Phase 3 <input type="checkbox"/>	Number
Trauma laparotomy	**
Paediatric trauma laparotomy	**
Trauma thoracotomy	**
Surgical airway management	**

There are, at present (June 2020), insufficient data to give indicative numbers for the procedures marked as **. Future versions of this form will include this.

Index procedures operative competency

Indicate the number of PBAs (to the level shown) you have for each of the procedures listed in each of your phase 3 special interest modules

An indicative three or more PBAs to be performed by different assessors for each of the procedures in the phase 3 modules that you have undertaken.

Emergency General Surgery (Phase 3 module)

Emergency laparotomy	Level 4	.....
Cholecystectomy (laparoscopic and/or open)	Level 4	.....
Hartmann’s procedure	Level 4	.....
Segmental colectomy	Level 4	.....
Appendicectomy	Level 4	.....

Breast Phase 3

Module 2A

Image guided breast excision	Level 4	.....
Mastectomy	Level 4	.....
Sentinel lymph node biopsy	Level 4	.....
Axillary clearance	Level 4	.....
Duct and nipple surgery	Level 4	.....

Module 2B

Implant reconstruction	Level 4	.....
Autologous flaps	Level 2	.....
Mammoplasty: augmentation and reduction	Level 3	.....

Colorectal Phase 3

Anterior resection (high)	Level 4	.....
Segmental colectomy	Level 4	.....

Fistula surgery	Level 4	.....
Surgical treatment of haemorrhoids	Level 4	.....

Oesophagogastric **Phase 3**

Cholecystectomy	Level 4	.....
Anti-reflux surgery (laparoscopic and/or open) and/or	Level 4	.....
Oesophagectomy	Level 3	.....
Gastrectomy and/or	Level 3	.....
Bariatric surgery – gastric bypass	Level 4	.....
Bariatric surgery – sleeve gastrectomy	Level 4	.....

Hepatopancreaticobiliary **Phase 3**

Liver resection	Level 3	.....
Pancreatic resection	Level 3	.....
Cholecystectomy	Level 4	.....

Gastrointestinal and GSoC **Phase 3**

Segmental colectomy	Level 4	.....
Cholecystectomy	Level 4	.....
Paediatric herniotomy	Level 4	.....

Transplant **Phase 3**

Kidney Transplant and Dialysis Module

Kidney transplant	Level 4	.....
Insertion of PD catheter	Level 4	.....
Creation of AV fistula	Level 4	.....
Live donor nephrectomy	Level 2	.....
DBD multi-organ retrieval	Level 2	.....

Pancreas Transplant and Organ Retrieval Module

DBD multi-organ retrieval	Level 4	.....
Pancreatic transplant bench preparation	Level 3	.....
Pancreas transplant recipient operation	Level 2	.....
Kidney transplant (part of SPK)	Level 4	.....

Liver Transplant and Organ Retrieval Module

DBD multi-organ retrieval	Level 4
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Liver transplant bench preparation	Level 3
Liver transplant recipient operation	Level 2

Endocrine **Phase 3**

Adrenal surgery	Level 3	.....
Thyroidectomy	Level 4	.....
Parathyroidectomy	Level 4	.....

Trauma **Phase 3**

Trauma laparotomy	Level 4	.....
Paediatric trauma laparotomy	Level 4	.....
Trauma thoracotomy	Level 4	.....
Surgical airway management	Level 4	.....