

APPENDIX: GRADES OF OPERATION

You can use this chart to monitor your progress, and to give you an idea of the relative difficulty of operations. This list refers to volume 2 only.

- 1.2 Delayed primary or Secondary suture (46.3)
 - Jaw dislocation reduction (53.5)
 - Elbow aspiration (62.2)
- 1.3 Escharotomy (50.4)
 - Anterior shoulder dislocation reduction (61.8)
 - Elbow dislocation reduction (62.3, 73.7)
 - Wrist fracture reduction (64.2)
 - Posterior hip dislocation reduction (66.3)
 - Knee dislocation reduction (68.8)
 - Ankle dislocation reduction (71.3)
 - Supracondylar humeral fracture reduction (73.7)
- 1.4 Chest drain (thoracostomy) (43.2)
 - Anterior forearm or Leg fasciotomy (49.8)
 - Conjunctival repair (52.4)
 - Interdental wiring (53.6)
 - Posterior shoulder dislocation reduction (61.8)
 - Greater humeral tuberosity fracture reduction (61.9)
 - Humeral shaft fracture, angulated, reduction (61.13)
 - Achilles tendon repair (71.8)
 - Talonavicular dislocation reduction (72.1)
 - Midtarsal dislocation reduction (72.8)
- 1.5 Humeral neck fracture reduction (61.11)
 - Capitulum fracture reduction (62.6)
 - Anterior hip reduction (66.4)
- 2.1 Skin grafting (50.13)
 - Steinmann/Denham pin insertion (59.4)
 - Intertrochanteric femoral neck reduction (66.7)
 - Pinna repair (53.7)
- 2.2 Cricoidotomy (42.3)
 - Tracheostomy (50.5)
 - Lateral canthotomy (52.3)
 - Eyelid repair, simple (52.3)
 - Knee aspiration (68.3)
 - Guillotine amputation (60.3)
- 2.3 Wound debridement (46.2)
 - Tendon repair (48.2)
 - Eyelid repair with tissue loss (52.3)
 - Nasal dislocation reduction (53.4)
 - Skull tongs application (54.6)
 - Finger K-wiring (65.20)
- 2.4 De-infibulation (47.5)
 - Nerve repair, primary (48.1)
 - Anal repair (57.3)
 - Open fracture debridement (58.13)
 - Hand high pressure wound debridement (65.22)
 - Open child forearm fracture reduction (73.8)
- 2.5 Hand-groin or Finger-abdominal flap (46.4)
 - Nerve repair, secondary (48.1)
 - Craniotomy burr hole (51.7)
 - Corneal & scleral repair (52.5)
 - Mandibular external fixation (53.6)
- Rectus abdominis* myoplasty (54.11)
- Cervix repair (56.3)
- Talar loose body excision (72.3)
- 3.1 Intercostal artery ligation (43.5)
 - Cross-leg, *Gastrocnemius*, or Rotational flap (46.4)
 - Craniotomy (51.8)
 - Zygoma fracture reduction & arch wiring (53.2)
 - Olecranon internal fixation (62.8)
 - Patellar tendon or *Quadriceps* repair (68.9)
 - Metatarsal fixation (72.9)
- 3.2 *Gracilis*, Sural, *Latissimus Dorsi* or *Pectoralis Major* flap (46.4)
 - Artery suture, primary (47.5)
 - Femoral artery exposure (49.4)
 - Arterial thrombectomy (49.5)
 - Patch angioplasty (49.5)
 - Pulsating haematoma exploration (49.6)
 - Nose-glabellar & V-switch lip flap (53.7)
 - Laparotomy for trauma (55.2)
 - Gastric repair (55.9)
 - Small bowel repair (55.11)
 - Greater humeral tuberosity fixation (61.11)
 - Humeral shaft external fixation (61.15)
 - Elbow dislocation open fixation (62.3)
 - Elbow external fixation (62.4)
 - Forearm external fixation (63.7)
 - Wrist external fixation (64.2)
 - Carpal reduction, open (64.5)
 - Femoral external fixation (67.5)
 - Patellar fracture horizontal repair (68.9)
 - Tibial external fixation (69.5, 70.7)
 - Ankle external fixation (71.6)
- 3.3 Brachial, external carotid, or external iliac artery exposure (49.4)
 - Arterial anastomosis (49.5)
 - Duodenal repair (55.10)
 - Ureteric re-implantation (55.15)
 - Sternoclavicular dislocation fixation (61.5)
 - Olecranon, distal excision (62.8)
 - Patellar fracture fixation (68.9)
- 3.4 Anterior neck exploration (42.5)
 - Lateral neck exploration (42.5)
 - Diaphragm rupture repair (43.4)
 - Thoracotomy, emergency (44.6)
 - Axillary, popliteal or subclavian artery exposure (49.4)
 - Saphenous vein, reverse graft (49.5)
 - Aortic clamping (55.4)
 - Splenectomy, emergency (55.6)
 - Neo-uretero-cystostomy Boari flap (55.16)
 - Radial head excision (62.7)
 - Central acetabular fracture reduction (66.5)
- 3.5 Pulmonectomy, peripheral (43.7)
 - Right visceral medial rotation (55.8)
 - Pancreatectomy, distal (55.10)
 - Renal repair (55.14)
 - Hip arthroplasty, trauma, Girdlestone (66.8)

APPENDIX B: NUMBERING & NAMES

40.1 Refers to a written section in the text, with its own subject heading.

40-1 Refers to a figure in the text.

Chapters are numbered with dots (*e.g.* 40.3) and illustrations with dashes (*e.g.* 40-2). An A at the end of a number, as for example (40-2A) refers to the first illustration in a particular figure.

DIFFICULTIES WITH THE INDEX

If you have trouble looking things up, this section will probably help you.

Spelling follows the UK English tradition and usage rather than the American, so you will find ‘aluminium’ ‘colour’, ‘emergency’ ‘haemoglobin’, ‘leucocyte’, ‘manoeuvre’, ‘oesophagus’, ‘operating theatre’, ‘titre’ rather than ‘aluminum’, ‘color’, ‘emergent’, ‘hemoglobin’, ‘leukocyte’, ‘maneuver’, ‘esophagus’, ‘operating room’ & ‘titer’.

APPENDIX C: ABBREVIATIONS

Å	Ångström (=0.1nm)	(38.1)	BIO	binocular indirect ophthalmoscopy	(28.1)
AAFB	acid-alcohol fast bacilli (TB)	(5.6)	BIPP	bismuth iodoform paraffin paste	(4.11)
Abb.	abbreviation	(5.8)	BL	borderline lepromatous (leprosy)	(32.2)
ABC	abacavir	(5.8)	BMI	body mass index	(41.1)
ABCDE	(mnemonic for resuscitation: <i>Airway, Breathing, Circulation, Disability, Exposure</i>).	(42.1)	BMVSS	Hindi: (<i>Bhagwan mahaveer viklang sahavata samiti</i>): charitable organization providing services free of charge	(35.6)
ABO	(system of blood groups)	(3.6)	BP	blood pressure	(3.4)
AC	abdominal circumference	(38.3)	BPD	biparietal diameter	(38.3)
ACG	angle closure glaucoma	(28.6)	BRS	basic radiological system	(1.12)
ACS	abdominal compartment syndrome	(11.10)	BSO	bilateral salpingo-oophorectomy	(23.8)
ADH	anti-diuretic hormone	(44.8)	BT	borderline tuberculoid (leprosy)	(32.2)
A&E.	Accident & Emergency	(40.6)	BXO	balanitis xerotica obliterans	(27.31)
AGS	adrenogenital syndrome	(27.27)	c.	about (Latin: <i>circa</i>)	(3.4)
AIDS	acquired immune deficiency syndrome	(5.1)	°C	degree centigrade	(10.1)
AIN	anal intra-epithelial neoplasia	(5.8)	C-ABCDE	(circulation first!)	(40.5)
am	morning (Latin: <i>ante meridiem</i>)	(21.3)	CAH	congenital adrenal hyperplasia	(33.14)
AMBU	artificial mechanical breathing unit	(2.1)	CAT	combat application tourniquet	(44.2)
AMO	assistant medical officer	(1.3)	cc	cubic centimetre (=ml)	(22.2)
ANC	ante-natal clinic	(19.1)	CCF	congestive cardiac failure	(44.7)
AO	Association (for) Osteosynthesis	(7.5)	CCU	critical care unit	(41.5)
AP	antero-posterior	(7.6)	CD4	cluster differentiation (glycoprotein)	(5.3)
APH	ante-partum haemorrhage	(20.2)	CDH	congenital dislocation (of the) hip	(32.14)
APM	anti-personnel mine	(60.6)	CF	count fingers	(28.1)
APV	aprenavir	(5.8)	Ch	Charrière (gauge) = Fr	(4.9)
ARDS	acute respiratory distress syndrome	(3.6)	CHOP	cyclophosphamide, hydroxydaunorubicin (doxorubicin), oncovin (vincristine), prednisolone.	(17.6)
ARM	artificial rupture (of) membranes	(22.2)	cm	centimetre	(2.4)
ART	anti-retroviral therapy	(5.1)	CMV	cytomegalovirus	(5.6)
AVPU	alert-verbal-pain-unresponsive	(41.2)	CNS	central nervous system	(5.7)
AZT	zidovudine	(5.8)	COPD	chronic obstructive airways disease	(44.7)
AZV	atanazavir	(5.8)	CPD	cephalopelvic disproportion	(21.4)
BB	borderline (leprosy)	(32.2)	CPR	cardio-pulmonary resuscitation	(44.9)
BC	(year) before Christ	(26.3)	CRL	crown-rump length	(20.1)
BCG	bacilli Camille Guerin (TB vaccine)	(5.5)	CSF	cerebrospinal fluid	(17.6)
bd	twice daily (Latin: <i>bis die</i>)	(2.9)	CT	computerized tomography (scan)	(43.1)
BFAT	Bilharzia fixation antibody test	(27.36)	CVP	central venous pressure	(10.1)
β-HCG	human chorionic gonadotropin	(20.12)	DALY	day adjusted life-years	(40.1)
			D&C	dilation and curettage	(10.2)
			dB	decibel	(29.2)
			DC	damage control	(41.5)
			DCIS	ductal carcinoma <i>in situ</i>	(24.2)
			ddC	zalcitabine	(5.8)
			ddl	didanosine	(5.8)
			DIC	disseminated intravascular coagulation	(2.5)
			dip	distal interphalangeal	(7.18)
			dL	decilitre	(1.5)
			DLV	delavirine	(5.8)
			DNA	deoxyribonucleic acid	(5.2)
			DOTS	directly observed treatment scheme	(5.7)
			DPC	delayed primary closure	(60.6)
			DPL	diagnostic peritoneal lavage	(55.1)
			DRV	darunavir	(5.8)
			d4T	stavudine	(5.8)
			DUB	dysfunctional uterine bleeding	(20.6)
			DVT	deep vein thrombosis	(6.22)
			EBV	Epstein Barr virus	(17.6)
			ECG	electrocardiogram	(2.1)
			ECV	external cephalic version	(22.7)
			ed	editor, edition	(6.6)
			EEG	electro-encephalogram	(45.2)
			EFV	efavirenz	(5.8)
			<i>e.g.</i>	for example (Latin: <i>exempli gratia</i>)	(1.11)
			ELISA	enzyme-linked immunosorbent assay	(5.1)
			EMF	endomyocardial fibrosis	(9.2)
			ENL	erythema nodosum leprosum	(32.2)

ENT	ear nose throat	(2.12)	IR	infrared radiation	(28.1)
EPI	extended programme (of) immunization (WHO)	(32.7)	IU	international unit	(22.2)
ESR	erythrocyte sedimentation rate	(5.6)	IUD	intra-uterine device	(5.3)
ET	endotracheal	(2.1)	IUGR	intra-uterine growth retardation	(19.3)
<i>et al</i>	and others (Latin: <i>et alia</i>)	(5.3)	IV	intravenous	(1.8)
ETR	etravirine	(5.8)		(Latin: 4)	(1.4)
ETT	endotracheal tube	(42.2)	IVC	inferior vena cava	(38.2)
EVM	eye opening, verbal & motor response	(51.1)	IVU	intravenous urogram	(27.5)
FAST	focused abdominal sonography trauma	(43.2)	IX	(Latin: 9)	(1.4)
FDI	World Dental Federation (French: <i>Fédération dentaire internationale</i>)	(31.1)	JHPIEGO	Johns Hopkins Programme of International Education in Gynaecology & Obstetrics	(19.5)
Fig.	figure	(1.1)	JVP	jugular venous pressure	(44.1)
FL	femur length	(38.3)	K	potassium (German: <i>kalium</i>) Kirschner (fixation)	(3.6)
FFP	fresh frozen plasma	(3.1)	Kcal	kilocalories	(12.4)
FGM	female genital mutilation	(6.21)	KCl	potassium (German: <i>kalium</i>) chloride	(1.8)
FO	fibreoptic	(29.13)	Ket	ketamine	(2.12)
Fr	French (gauge) = Ch	(9.1)	kg	kilogram	(2.5)
FSH	follicle stimulating hormone	(19.1)	kHz	kilohertz	(29.2)
FTC	emtricitabine	(5.8)	KP	keratitic precipitates	(28.3)
5FU	5-fluorouracil	(34.5)	KS	Kaposi sarcoma	(34.10)
g	gram,	(2.9)	kV	kilovolt	(38.1)
G	gauge	(4.6)	kW	kilowatt	(2.5)
	pregnant (Latin: <i>gravida</i>)	(20.2)	L	litre	(1.8)
G6PD	glucose 6-phosphatase dehydrogenase deficiency	(33.10)	LA	local anaesthetic	(1.8)
GA	general anaesthetic	(1.4)	lb	pound (Greek: <i>libra</i>)	(2.5)
GCS	Glasgow coma scale	(40.6)	LED	light-emitting diode	(1.1)
GI	gastro-intestinal	(13.4)	LGV	lymphogranulopma venereum	(23.17)
GIST	gastrointestinal stromal tumour	(13.5)	LH	luteinizing hormone	(19.1)
GnRH	gonadotropin releasing hormone	(24.3)	LL	lepomatous (multibacillary) leprosy	(32.2)
GTD	gestational trophoblastic disease	(23.10)	LMA	laryngeal mask airway	(42.1)
GUL	gestation of unknown location	(20.1)	LMIC	low (&) middle income country	(19.1)
h	hour	(3.4)	LPV	lopinavir	(5.8)
Hb	haemoglobin	(10.1)	m	metre	(38.1)
HBV	hepatitis B virus	(2.6)	mA	milliampere	(38.1)
HCV	hepatitis C virus	(2.6)	mcp	metacarpo-phalangeal	(7.18)
HDU	high dependency unit	(41.5)	mg	milligram	(1.8)
HELLP	haemolysis, elevated liver (enzymes), low platelet (syndrome)	(22.2)	µg	microgram	(13.1)
HIV	human immunodeficiency virus	(1.2)	MHz	megahertz	(3.3)
HM	hand movements	(28.1)	MI	myocardial infarction	(44.7)
H ₂ O ₂	hydrogen peroxide	(51.6)	min	minute	(1.8)
HPV	human papilloma virus	(23.8)	mIU	¹ / ₁₀₀₀ of an IU	(22.2)
HR	heart rate	(44.1)	MJ	megajoule	(12.4)
HRE	isoniazid, rifampicin, ethambutol	(5.7)	ml	millilitre	(1.5)
HRZE	isoniazid, rifampicin, pyrazinamide, ethambutol	(5.7)	µl	microlitre	(5.7)
HSG	hysterosalpingogram	(19.3)	M&M	morbidity & mortality	(1.3)
HTIG	human tetanus immune-globulin	(46.7)	mm	millimetre	(2.5)
I	(Latin: 1)	(1.4)	mM	millimolar (millimoles per litre)	(1.8)
ICD-10	international classification (of) diseases, (10 th version)	(19.1)	µm	micrometre	(34.7)
ICU	intensive care unit	(1.8)	µM	micromolar (micromoles per litre)	(33.8)
I&D	incision and drainage	(2.12)	mmol	millimole	(10.1)
IDV	indinavir	(5.8)	MMR	maternal mortality ratio	(1.1)
<i>i.e.</i>	such as (Latin: <i>id est</i>)	(5.6)	MOH	Ministry of Health	(19.1)
Ig	immunoglobulin	(5.2)	MOPP	mustine, oncovin (vincristine), procarbazine, prednisolone	(17.6)
II	(Latin: 2)	(1.4)	MRI	magnetic resonance imaging	(7.3)
III	(Latin: 3)	(1.4)	MSICS	manual small incision cataract surgery	(28.4)
IM	intramuscular	(2.11)	mtp	metatarso-phalangeal	(32.12)
INR	international normalized ratio	(44.7)	MTX	methotrexate	(23.10)
IOP	intra-ocular pressure	(28.1)	MU	mega-unit	(2.9)
ip	inter-phalangeal	(8.15)	MUA	manipulation under anaesthetic	(2.12)
IPD	inter-pupillary distance	(28.1)	MVA	manual vacuum aspiration	(19.1)
IPPV	intermittent positive pressure ventilation	(43.1)	NaCl	sodium (German: <i>natrium</i>) chloride.	(1.8)
			N.B.	note well (Latin: <i>nota bene</i>)	(2.4)
			NFV	nelfinavir	(5.8)
			NG	nasogastric	(4.9)
			nm	nanometre	(38.1)

nil	nothing (Latin: <i>nihil</i>)	(13.3)	STI	sexually transmitted infection	(23.1)
NNRTI	non-nuclease reverse transcriptase inhibitor	(5.8)	TAH	total abdominal hysterectomy	(23.8)
NPL	no perception (of) light	(28.1)	TB	tuberculosis	(5.7)
NRTI	nuclease reverse transcriptase inhibitor	(5.8)	TBA	traditional birth attendant	(19.1)
NSAID	non-steroidal anti-inflammatory drug	(13.1)	TBSA	total body surface area	(50.1)
nocte	at night (Latin)	(37.2)	3TC	lamivudine	(5.8)
NVP	nevirapine	(5.8)	TDF	tenofovir	(5.8)
O ₂	oxygen	(40.1)	tds	3 times daily (Latin: <i>ter die sumendum</i>)	(2.9)
od	once daily (Latin: <i>omni die</i>)	(2.9)	TFR	total fertility rate	(19.3)
OA	occipito-anterior	(22.2)	Thio	thiopentone	(2.12)
OGD	oesophago-gastro-duodenoscopy	(13.2)	TL	tubal ligation	(19.4)
OND	optic nerve diameter	(45.1)	TNM	tumour node metastasis (staging)	(24.4)
ONSD	optic nerve sheath diameter	(45.1)	TOS	trial of scar	(21.13)
OP	occipito-posterior	(22.2)	TSH	thyroid stimulating hormone	(25.6)
OT	operating theatre	(51.5)	TT	tuberculoid (paucibacillary) leprosy	(32.2)
p.	page	(6.12)		Tetanus toxoid	(46.7)
P	born (Latin: <i>para</i>)	(20.2)	TTCV	tetanus toxoid containing vaccine	(46.7)
PA	postero-anterior	(9.1)	U	unit	(20.4)
PAIR	puncture, aspiration, injection, re-aspiration	(15.12)	UPS	uninterrupted power supply	(41.5)
paO ₂	arterial pressure of Oxygen	(32.2)	USA	United States (of) America	(5.1)
Pap	Papanicolau	(23.3)	UV	ultraviolet	(28.1)
PCR	polymerase chain reaction	(5.7)	V	(Latin: 5)	(1.4)
PDS	polydioxanone sulphate (suture)	(4.6)		volt	(28.1)
PE	pulmonary embolism	(44.1)		living (Latin: <i>vivo</i>)	(20.2)
PEEP	positive end-expiratory pressure	(42.7)	VBAC	vaginal birth after Caesarean	(21.13)
PEP	post-exposure prophylaxis	(5.8)	VDRL	venereal disease research laboratory (syphilis test)	(24.3)
pH	logarithmic value of acidity	(5.4)	-ve	negative	(3.6)
PI	protease inhibitor	(5.8)	+ve	positive	(3.6)
PID	pelvic inflammatory disease	(5.6)	VF	ventricular fibrillation	(9.2)
pip	proximal interphalangeal	(7.18)	VHF	very high frequency	(40.6)
P-L	Proctor-Livingstone	(30.2)	VI	(Latin: 6)	(1.4)
PL	perception (of) light	(28.1)	VII	(Latin: 7)	(1.4)
pm	afternoon (Latin: <i>post meridiem</i>)	(21.3)	VIII	(Latin: 8)	(1.4)
PMB	postmenstrual bleeding	(19.1)	<i>viz</i>	namely (Latin: <i>videlicet</i>)	(1.8)
PMMA	polymethylmethacrylate	(28.4)	vol	volume	(3.1)
PNM	perinatal mortality	(20.1)	VP	ventriculo-peritoneal	(33.3)
PNR	perinatal mortality rate	(20.1)	VT	ventricular tachycardia	(9.2)
PO	by mouth (Latin: <i>per os</i>)	(1.8)	VVF	vesicovaginal fistula	(1.1)
POAG	primary open-angle glaucoma	(28.6)	WHO	World Health Organization	(1.1)
PoP	plaster of Paris	(7.11)	wk	week	(1.6)
POR	postoperative radiotherapy	(23.8)	X	(Latin: 10)	(1.4)
PPH	post-partum haemorrhage	(22.11)	X-fix	external fixation	(59.2)
PPI	proton pump inhibitor	(13.1)	XI	(Latin: 11)	(1.4)
ppm	parts per million	(5.4)	XII	(Latin: 12)	(1.4)
PR	<i>per rectum</i>	(1.11)	XIII	(Latin: 13)	(1.4)
PRN	as required (Latin: <i>pro re nata</i>)	(2.12)	XIV	(Latin: 14)	(1.4)
PROM	premature rupture of membranes	(22.4)	XIX	(Latin: 19)	(1.4)
PSA	prostate specific antigen	(5.6)	X-ray	radiograph (<i>loosely used</i>)	(1.7)
psi	pounds (per) square inch	(2.4)	XV	(Latin: 15)	(1.4)
PV	<i>per vaginam</i>	(19.5)	XVI	(Latin: 16)	(1.4)
PVC	polyvinyl chloride	(60.5)	XVII	(Latin: 17)	(1.4)
qds	4 times daily (Latin: <i>quater die sumendus</i>)	(2.9)	XVIII	(Latin: 18)	(1.4)
Rh	Rhesus (blood type: D)	(3.6)	XX	(Latin: 20)	(1.4)
RPR	rapid plasma reagin (syphilis test)	(24.3)	yr	year	(1.3)
RNA	ribonucleic acid	(5.2)	Y-V	plasty (changing shape of Y to V)	(13.5)
RTV	ritonavir	(5.8)	ZN	Ziehl Neelsen (stain)	(5.7)
RVF	rectovaginal fistula	(21.10)			
SALT	(mnemonic for 'sort, assess, lift, transport/treat)	(40.6)			
SC	subcutaneous	(2.11)			
sec	second	(21.3)			
SIV	simian immunodeficiency virus	(5.2)			
SQV	saquinavir	(5.8)			
stat	immediately (Latin)	(10.4)			