

Cambridge University Press
978-0-521-71021-3 - Operating Department Practice A–Z: Second Edition
Tom Williams and Brian Smith
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CAMBRIDGE
UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom

Cambridge University Press is part of the University of Cambridge.

It furthers the University’s mission by disseminating knowledge in the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org
Information on this title: www.cambridge.org/9780521710213

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First edition © B. Smith and T. Williams 2004
Second edition © T. Williams and B. Smith 2008

A catalogue record for this publication is available from the British Library

Library of Congress Cataloguing in Publication data

Williams, Tom, 1948 Sept. 16–

Operating department practice A–Z / Tom Williams, Brian Smith.
p. ; cm.

Rev. ed. of: Operating department practice A–Z / edited by Brian Smith, Tom Williams. 2004.

Includes bibliographical references and index.
ISBN 978-0-521-71021-3 (pbk. : alk. paper)

1. Operations, Surgical – Terminology. 2. Operations, Surgical – Dictionaries.
 - I. Smith, Brian, 1965– II. Title.
 - [DNLM: 1. Surgery – Abbreviations. 2. Surgery – Dictionary – English.
 3. Surgical Equipment – Abbreviations. 4. Surgical Equipment – Dictionary – English. 5. Surgical Procedures, Operative – Abbreviations. 6. Surgical Procedures, Operative – Dictionary–English. WO 13 W727o 2008]
- RD16.O626 2008
617'.003–dc22
2007050654

ISBN 978-0-521-71021-3 Paperback

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Foreword

Liverpool has led the way in recognising and furthering the status of operating department assistants and practitioners (ODA/Ps). Two young men, Jack Probert and Bill Kehoe, were theatre technicians in the armed forces during the Second World War. After the war they came to Walton Hospital, Liverpool, and provided for the anaesthetists there a service that was virtually unknown elsewhere. They were instrumental in founding a Society for Anaesthetic Technicians, with its journal '*Technic*', which has become the *Journal of Operating Department Practice*. The anaesthetic trainees from Walton (and I was fortunate to be one of them) became consultants elsewhere and were then able to insist on properly trained assistants in the anaesthetic room. The concept that anaesthetists required skilled assistance was gradually and eventually accepted by the UK Department of Health and local administrators. By the mid 1980s, via insistence and persistence, anaesthetists in many hospitals had achieved suitable levels of assistance at the standards that were deemed to be essential by the Association of Anaesthetists and the Faculty of Anaesthetists. Sad that the achievement of this had to be confrontational.

Although the necessity of trained help for anaesthetists was accepted, there were still limitations in the training available for ODAs. What was needed was an energetic impetus and leadership from among the ODAs (later to be called ODPs) who would enhance academic credibility by acquisition of higher academic qualifications and then help to establish higher educational facilities for the profession. Two such influences have been Tom Williams and Brian Smith.

Tom's career has spanned the years since the first recognition and certification of ODAs right through to the present professional and academic status of ODPs.

Operating department practitioner training has moved into the realm of Higher Education with courses offering a Diploma in Higher Education or in some centres a bachelor's degree in operating department practice.

There has been little material written by and for ODA/ODPs. *Operating Department Practice A–Z*, which Tom and Brian have written with input from colleagues, has run to a second edition. It is very satisfying when the publishers agree to a second edition of a book and is tangible evidence that the first edition has been well received. Tom, Brian and their colleagues write with authority born of experience. It is an excellent book and I wish it had been available when

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Foreword

I was a teacher. Jack Probert and Bill Kehoe would have been very proud of their ‘progeny’, Tom Williams, Brian Smith and their associate authors.

Dr A. A. Gilbertson

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London

Preface

The first edition of *Operating Department Practice A–Z* was something of a trial run to assess demand, and the favourable response combined with positive feedback has been encouraging. The first edition was intentionally specialised, and focused narrowly on theatre practice and processes; however, the second edition has been expanded to include more medical, scientific and technical terms, in particular more anatomy and physiology. The inclusion of illustrations and expansion of the support sections will also be of value to the reader.

The modern Operating Department Practitioner (ODP) requires enhanced and broad knowledge in order to fulfil the diverse and differing requirements of the patients in their care, and this book was written with this in mind.

The curriculum for ODP learners, both before and after qualification, has broadened over the years to match the need to keep up to date with advancements in technology and knowledge, particularly of the healthcare and life sciences. By expanding the content of this book we are meeting that need and providing a companion to research and learning. The dictionary style of the first edition has been maintained but its nature does limit the detail of the explanation in the Quick Reference that can be provided. By reading the Advanced Reference and following the cross-references to the highlighted key words, the reader is guided to a more complete explanation.

Some may consider the range too broad and certain content a little obscure, but it is felt that the speed of change, advancements in health care and the anticipated requirements of the readers justify this.

In addition to the factual and standard input, we have continued to include terms, colloquialisms and even related slang that the learners may encounter. In spite of opposition and changing views over the years, abbreviations and acronyms continue to be part of healthcare vocabulary, and with this in mind the list of abbreviations has been expanded. Readers should be aware that sometimes acronyms and abbreviations may have more than one meaning, and that one interpretation may be favoured over another by a particular speciality or country. As an ODP working across many specialities and in different countries, it is important to recognise the appropriate context and interpret the abbreviation accurately.

Historically ODPs have relied on texts written for and by members of other professional groups. This book was written to go some way towards correcting this anomaly and will serve the ODP of the future, perhaps instigating similar projects within the profession.

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Preface

While this book is broad in its content, it is far from a one-stop shop in terms of required knowledge for the ODP learner. Also, it is not intended to be used solely by theatre personnel, and the hope is that fellow health-care professionals and interested parties will find it of value as well.

Tom Williams
Brian Smith

Acknowledgements

We would like to thank the following for their comments, advice, contributions and support:

First Edition:

Professor J. Hunter, Rita Hehir, Jean Hinton, Jill McKeen, Cheryl Wayne, Paul Wicker, Josie Williams, Sandra Fox, Neil Herbert and Robert Mitchell.

Second Edition:

Dr. A. A. Gilbertson, Jerry Barrett, Robert Mitchell and Josie Williams.

Illustration acknowledgements:

- BUPA Hospitals group (www.bupa.co.uk) for the hiatus hernia illustration.
- Elsevier Ltd (www.elsevier.com) for illustrations relating to: Mercedes incision, volvulus, stereotaxy, skin tunnelling, rule of nines, pulmonary artery catheter.
- Dr. Edwin Liem (<http://vam.anest.ufl.edu>) for the Bullard laryngoscope illustration.
- *Update in Anaesthesia* (www.world-anaesthesia.org) for the intraosseous, dermatome illustrations.

Abbreviations

AAA	(triple-A) – abdominal aortic aneurysm
AACP	advanced anaesthetic & critical care practitioner
AAE	arterial air embolus
AAI	allergy, anaphylaxis and immunology
AAP	advanced anaesthetic practitioner
ABG	arterial blood gases
ABS	antibacterial substance
ABV	alcohol by volume
ACADs	ambulatory care and diagnostic units
ACE	angiotensin-converting enzyme
ACE	applied clinical ethics
ACh	acetylcholine
ACL	anterior cruciate ligament
ACLS	advanced cardiac life support
ACP	anaesthetic care practitioner
ACT	activated clotting time
ACTH	adrenocorticotrophic hormone
ADC	apparent diffusion coefficient
ADH	antidiuretic hormone
ADHD	attention deficit hyperactivity disorder
ADI	acceptable daily intake
ADP	accidental dural puncture
AEP	auditory evoked potential
AER	auditory evoked response
AFP	alpha fetoprotein
AHTR	acute haemolytic transfusion reaction
AIC	adverse incident centre
AIDS	acquired immuno deficiency syndrome
AIH	artificial insemination
AIHA	autoimmune haemolytic anaemia
AKPS	anterior knee pain score
AKU	artificial kidney unit
ALA	alpha-linolenic acid
ALBC	antibiotic loader bone cement
ALD	adrenoleukodystrophy
ALERT™	Acute Life-threatening Events Recognition & Treatment
ALI	acute lung injury

Abbreviations

AMD	age-related macular disease
AML	acute myelogenous leukaemia
AMV	assisted mechanical ventilation
ANH	acute normovolaemic haemodilution
ANH	artificial nutrition & hydration
AP	action potential
APH	antepartum haemorrhage
APLS	Advanced Paediatric Life Support
APOs	anaesthetic paramedical officers
APPT	activated partial prothrombin time
APRV	airway pressure release ventilation
ARC	aids-related complex
ARDS	adult respiratory distress syndrome
ARM	artificial rupture of membranes
ASA	American Society of Anesthesiologists
ASB	assisted spontaneous breaths
ASD	atrial septal defect
ASP	advanced scrub practitioner
ATACC	anaesthesia trauma & critical care
ATC	automatic tube compensation
ATG	antithymocyte globulin
ATLS	Advanced Trauma Life Support
ATP	adenosine triphosphate
ATS	antitetanus serum
AV	atrioventricular
AvMA	action against medical accidents
AVN	avascular necrosis
AWG	American Wire Gauge
BAAPS	British Association of Aesthetic Plastic Surgeons
BAHA	bone anchored hearing aid
BAL	broncho-alveolar lavage
BAN	British Approved Name
BAWO	bilateral antrum washout
BBV	blood-borne viruses
BCC	basal cell carcinoma
BCLS	Basic Cardiac Life Support
BD	base deficit
BD	twice daily
BE	bacterial endocarditis
BEIR	biological effects of ionising radiation
BEST	basic electronic surgical training
BGL	blood glucose level

Abbreviations

BHP	British Horse Power
BHP	brake horse power
BHR	Birmingham Hip Resurfacing
BID	brought in dead
BIM	bispectral index monitor
BiPAP	bilevel positive airway pressure
BIPP	bisthmus iodine paraffin paste
BKA	below knee amputation
BMD	bone mineral density
BMI	body mass index
BMR	basic metabolic rate
BMT	bone marrow transplant
BP	blood pressure
BPH	benign prostatic hyperplasia
BRMs	biologic response modifiers
BSA	body surface area
BSI	bispectral index
BSO	bilateral salpingo-oophorectomy
BUN	blood urea nitrogen
BW	birth weight
Bx	biopsy
CABG	coronary artery bypass graft
CABPM	continuous ambulatory blood pressure monitoring
CAD	computer-aided detection
CAD	coronary artery disease
CAE	continuous ambulatory electrocardiography
CAH	congenital adrenal hyperplasia
CA-MRSA	community-associated methicillin-resistant <i>Staphylococcus aureus</i>
CAOS	computer-assisted orthopaedic system
CAPD	continuous ambulatory peritoneal dialysis
CAT	computerised axial tomography
CATS	clinical assessment treatment & support
CAVH	continuous arteriovenous haemofiltration
CBC	complete blood count
CBD	common bile duct
CBF	cerebral blood flow
CBI	combined behavioural intervention
CBT	cognitive behavioural therapy
CCF	congestive cardiac failure
CCU	Coronary Care Unit
C&D	cleaning & disinfection

Abbreviations

CDH	congenital dislocation of hip
C-Dif	<i>Clostridium difficile</i>
CDP	Clinical Development Partnership
CE	clinical effectiveness
CELLO	columnar-endothelium-lined lower oesophagus
CF	cystic fibrosis
CFAM	cerebral function analysis monitor
CFC	chlorofluorocarbons
CFS	chronic fatigue syndrome
CGI	computer-generated imaging
CGS	centimeter-gram-seconds
CHD	coronary heart disease
CHD	congenital hip dysplasia
CHF	congestive heart failure
CHT	closed head trauma
CICU	Coronary Intensive Care Unit
CLL	chronic lymphocytic leukaemia
CMC	carboxymethyl cellulose
CML	chronic myeloid leukaemia
CMV	controlled mechanical ventilation
CMV	cytomegalovirus
CNS	central nervous system
CO	cardiac output
COAD	chronic obstructive airway disease
COMA	Committee on Medical Aspects on Food & Nutrition Policy
COPA	cuffed oropharyngeal airway
COPD	chronic obstructive pulmonary disease
COSHH	Control of Substances Hazardous to Health
CPAP	continuous positive airway pressure
CPB	cardiopulmonary bypass
CPD	citratephosphate dextrose
CPD	chronic papillomatous dermatitis
CPK	creatine phosphokinase
CPP	cerebral perfusion pressure
CPR	cardiopulmonary resuscitation
CQI	continuous quality improvement
CRF	chronic renal failure
CRNA	certified registered nurse anaesthetist
CRP	complex regional pain
CRP	c-reactive protein
CRTAP	cartilage associated protein
CS	Caesarean section

Abbreviations

CSA	central sleep apnoea
CSA	compressed spectral array
CSEA	combined spinal epidural analgesia
CSF	cerebrospinal fluid
CSSD	Central Sterile Supply Department
CSU	catheter specimen of urine
CT	computerised tomography
CTG	cardiotocography
CTS	Carpal Tunnel Syndrome
CTZ	chemoreceptor trigger zone
CVA	cerebrovascular accident
CVD	cardiovascular disease
CVD	cerebrovascular disease
CVP	central venous pressure
CVS	cardiovascular system
CVS	chorionic villus sampling
CVVH	continuous veno-venous haemofiltration
CXR	chest X-ray
DAD	doctor-assisted suicide
DARE	database of abstracts and reviews of effectiveness
DASH	disabilities of the arm shoulder and hand
DBAC	deep bleeder acoustic coagulation
DBP	diastolic blood pressure
D&C	dilatation & curettage
DCIA	deep circumflex iliac artery
DCIS	ductal carcinoma in situ
DCM	dilated cardiomyopathy
DCP	dynamic compression plate
DCS	dynamic compression screw
DDT	dichlorodiphenyltrichloroethane
DES	drug eluting stent
DES	diethylstilbestrol
DEXA (scan)	dual-energy X-ray absorpiometry
DHS	dynamic hip screw
DHT	dihydrotestosterone
DIC	disseminated intravascular coagulation
DIS	drug infusion systems
DK	diabetic ketoacidosis
DLT	double lumen tube
DM	diabetes mellitus
DMARDs	disease-modifying antirheumatic drugs
DMT	disease-modifying therapy

Abbreviations

DMV	difficult mask ventilation
DNA	did not arrive
DNA	deoxyribonucleic acid
DNAR	do not attempt resuscitation
DNR	do not resuscitate
DOA	dead on arrival
DPLD	diffuse parenchymal lung disease
DPT	diphtheria, tetanus, pertussis (triple vaccine)
DRE	digital rectal examination
DSS	discharge scoring system
DSST	digit-symbol substitution test
DTB	<i>Drug & Therapeutics Bulletin</i>
DTC	Drug & Therapeutics Committee
DTCs	diagnostic & treatment centres
DTI	diffusion tensor imaging
DU	duodenal ulcer
D&V	diarrhoea & vomiting
DVT	deep vein thrombosis
DWMRI	diffusion-weighted magnetic resonance imaging
EAE	experimental autoimmune encephalitis
EAP	equine-assisted psychotherapy
EBCT	electron beam computed tomography
EBM	evidence-based medicine
EBME	Electrical Biomedical Engineering
EBP	epidural blood patch
EBP	evidence-based practice
ECF	extracellular fluid
ECG	electrocardiography
ECMO	extracorporeal membrane oxygenation
ECP	external counter pulsation
ECT	electroconvulsive therapy
ED	erectile dysfunction
ED	effective dose
EDD	expected date of delivery
EDR	extreme drug resistance
EDTA	ethylenediamine tetra-acetic acid
EEG	electroencephalograph
EERP	extended endocardial resection procedure
EFA	elbow functional assessment scale
EFM	electronic fetal monitoring
EM	event monitoring
EMA	early medical abortion

Abbreviations

EMU	early morning urine
ENT	ear nose & throat
EPR	electron paramagnetic resonance
ERCP	endoscopic retrograde cholangiopancreatography
ERPC	evacuation of retained products of conception
ERV	expiratory reserve volume
ESBL	extended spectrum beta lactamase
ESLD	end-stage liver disease
ESR	erythrocyte sedimentation rate
ESRD(F)	end-stage renal disease (failure)
ESU	electrosurgical unit
ESWL	extracorporeal shock wave lithotripsy
ETT	endotracheal tube
EUA	examination under anaesthesia
EWA	examination without anaesthetic
EWS	early warning score
FAS	fetal alcohol syndrome
FASD	fetal alcohol spectrum disorder
FB	foreign body
FBC	full blood count
FBS	failed back syndrome
FBS	fasting blood sugar
FBS	fetal blood sampling
FDA	Food & Drug Administration (USA)
FDP	fibrin degradation products
FDT	forced duction test
FESS	functional endoscopic sinus surgery
FEV	forced expiratory volume
FFP	fresh frozen plasma
FG	French gauge
FGF	fresh gas flow
FGM	female genital mutilation
FHH	fetal heart heard
FHNH	fetal heart not heard
FHR	fetal heart rate
FHS	food hypersensitivity syndrome
FID	faecal incontinence device
FMF	fetal movements felt
fMRI	functional magnetic resonance imaging
FNA	fine needle aspiration
FNAB	fine needle aspiration biopsy
FOB	fibre-optic bronchoscope

Abbreviations

FRC	functional residual capacity
FRT	fluid replacement therapy
FS	frozen section
FSH	follicle-stimulating hormone
FVC	forced vital capacity
G&A	gas & air
GA	general anaesthesia
GABA	gamma-aminobutyric acid
GAF	global assessment functioning
GBM	glioblastoma multiforme with oligodendroglial component
GCS	Glasgow Coma Scale
GDM	gestational diabetes mellitus
GDT	goal-directed therapy
GERD	gastro-oesophageal reflux disease
GFR	glomerular filtration rate
GH	growth hormone
GI	gastrointestinal
GI	glycaemic index
GIFT	gamete intrafallopian transfer
GISTs	gastrointestinal stromal tumours
GIT	gastrointestinal tract
GKI	glucose potassium insulin (infusion)
GPH	gestational proteinuria hypertension
GPI	general paralysis of the insane
Grav (1, 11, 111)	number of pregnancies
GSS	group and save serum
GTN	glyceryl trinitrate
GTT	glucose tolerance test
GU	genitourinary
GUM	genitourinary medicine
GWP	global warming potential
HAART	highly active antiretroviral therapy
HAD	health anxiety disorder
HAI	hospital-acquired infection
HA-MRSA	hospital-associated methicillin-resistant <i>Staphylococcus aureus</i>
HART	hazardous area response teams
HAS	human albumin solution
HASAWA	Health and Safety at Work Act
HAV	hepatitis A
Hb	haemoglobin
HBD	heart beating donor

Abbreviations

HBOCS	haemoglobin-based oxygen carrying solution
hBoV	human bocavirus
HBV	hepatitis B virus
HCA	health-care assistant
HCAI	health-care-associated infection
HCC	halothane-caffeine-contracture
hCG	human chorionic gonadotrophin
Hct	haematocrit
HCV	hepatitis C virus
HDL	high-density lipoprotein
HDR	high dose rate
HDU	High Dependency Unit
HELLP	haemolysis elevated liver enzymes & low platelets
HEV	hepatitis E virus
HFJV	high-frequency jet ventilation
HFOV	high-frequency oscillatory ventilation
Hib	<i>Haemophilus influenzae</i> bacterial infection
HIV	human immunodeficiency virus
HLA	histocompatibility antigen
HLA	human leucocyte antigen
HLC	Hospital Liaison Committees
HLHS	hypoplastic left heart syndrome
HNPU	has not passed urine
HOCM	hypertrophic obstructive cardiomyopathy
HPA	hypothalamic–pituitary–adrenal
HPV	human papilloma virus
HPV	hypoxic pulmonary vasoconstriction
HRT	hormone replacement therapy
HSDU	Hospital Sterilisation & Disinfecting Unit
HSV	Herpes simplex virus (types HSV1 & HSV2)
HSVI	Herpes simplex virus infection
HTIG	human tetanus immune globulin
HTLV	human T-cell lymphocytotropic virus
HTST	higher temperature for a shorter time
HVS	high vaginal swab
IA	intra-articular
IABP	intra-aortic balloon pump
IAD	intraoperative autologous donation
IBD	inflammatory bowel disease
IBS	irritable bowel syndrome
ICD	implantable cardiac defibrillator
ICD	International Classification of Disease

Abbreviations

ICE	in case of emergency
ICF	intracellular fluid
ICG	impedance cardiography
ICP	intracranial pressure
ICPM	intracranial pressure monitoring
ICPs	integrated care pathways
ICS	inhaled corticosteroids
ICS	intraoperative cell salvage
ICU	Intensive Care Unit
IDDM	insulin-dependent diabetes mellitus
IDS	intubation difficulty scale
IGS®	Implantable Gastric Stimulator
IHD	ischaemic heart disease
IHEB	inadvertent high epidural block
IJV	internal jugular vein
ILMA	intubating laryngeal mask airway
IM	intramuscular
IMG	international medical graduate
IMV	intermittent mandatory ventilation
INR	International Normalized Ratio
IO	intraocular
IOL	intraocular lens
IPF	idiopathic pulmonary fibrosis
IPPR	intermittent positive pressure respiration
IPPV	intermittent positive pressure ventilation
IR	infrared
IS	intra-synovial
ISTCs	Independent Sector Treatment Centres
IUCD	intrauterine contraceptive device
IUFB	intrauterine foreign body
IUGR	intrauterine growth retardation
IUI	intrauterine insemination
IV	intravenous
IVD	intra-vas device
IVF	in-vitro fertilisation
IVI	intravenous infusion
IVP	intravenous pyelogram
IVRA	intravenous regional anaesthesia
IVU	intravenous urography
IVUS	intravascular ultrasound
JVP	junctional venous pressure/pulse
KCl	potassium chloride

Abbreviations

KOOS	knee injury & osteoarthritis outcome score
KUB	kidney, ureter and bladder
LA	local anaesthetic
LAB	lactic acid bacteria
LAFP	left atrial filling pressure
LARVH	laparoscopic-assisted radical vaginal hysterectomy
LASER	light amplification by stimulated emission of radiation
LASIK	laser-assisted in-situ keratomileusis
LASG	latex allergy support group
LAVH	laparoscopically assisted vaginal hysterectomy
LBBB	left bundle branch block
LBC	liquid-based cytology
LCD	liquid crystal display
LD	lethal dose
LDL	low-density lipoprotein
LDR	low dose rate
LED	light-emitting diode
LEEP	loop electrosurgical excision procedure
LFA	low friction arthroplasty
LH	laparoscopic hysterectomy
LIF	left ileac fossa
LIH	left inguinal hernia
LIP	lower inflection point
LLETZ	large loop excision of the transformation zone
LMA	laryngeal mask airway
LMP	last menstrual period
LMWH	low molecular weight heparin
LOR	loss of resistance
LOS	lower oesophageal sphincter
LREC	local research ethics committee
LSE	laser safety eyewear
LSH	laparoscopic supracervical hysterectomy
LSO	Laser Safety Officer
LT	laryngeal tube
LTH	laparoscopic total hysterectomy
LTSF	low temperature steam with formaldehyde
LUSCS	lower uterine segment Caesarean section
LVAD	left ventricular assist device
LVET	left ventricular ejection time
LVF	left ventricular failure
LVH	left ventricular hypertrophy
MAAS	motor activity assessment scale

Abbreviations

MABP	mean arterial blood pressure
MAC	minimum alveolar concentration
MAOIs	monoamine oxidase inhibitors
MAP	mean arterial pressure
MAS	meconium aspiration syndrome
MAU	Medical Admissions Unit
MBF	myocardial blood flow
MBOS	maximum blood ordering schedules
MCI	mild cognitive impairment
MCP	metacarpophalangeal
MCS	minimally conscious state
MCSD	minimal clinically significant difference
MCV	mean cell volume
MD	muscular dystrophy
MDA	medical device alert
MDR	multi-drug resistant
ME	metabolic equivalents
ME	myalgic encephalomyelitis
MEA	microwave endometrial ablation
MEG	magnetoencephalography
MENS	microcurrent electrical neuromuscular stimulator
mEq	milliequivalent
MES	managed equipment service
MEWS	modified early warning scores
MFA	musculoskeletal function assessment
MH	malignant hyperthermia (hyperpyrexia)
MHA	Mental Health Act
MI	myocardial infarction
MIS	minimally invasive surgery
MISS	minimally invasive spinal surgery
MLAC	minimal local anaesthetic concentration
MMA	methylmethacrylate
MMC	Modernising Medical Careers
MMR	measles mumps & rubella
MMSE	Mini-Mental State Examination
MMV	mandatory minute volume
MND	motor neurone disease
MODS	multiple organ dysfunction syndrome
MOM	metal on metal
MPAP	mean pulmonary artery pressure
MPE	maximal permitted exposure
MPPS	most penetrating particulate size

Abbreviations

MPWP	mean pulmonary wedge pressure
MRA	magnetic resonance angiography
MREC	multi-centre ethics committee
MRI	magnetic resonance imaging
MRS	magnetic resonance spectroscopy
MRSA	methicillin-resistant <i>Staphylococcus aureus</i>
MRT	magnetic resonance tomography
MS	multiple sclerosis
MSAFP	maternal serum alpha fetoprotein
MSbP	Munchausen’s syndrome by proxy
MSG	monosodium glutamate
MSSA	methicillin-sensitive <i>Staphylococcus aureus</i>
MSSA	methicillin-susceptible <i>Staphylococcus aureus</i>
MSU	mid-stream urine
MTP	metatarsophalangeal
MUA	manipulation under anaesthetic
MUGA	multiple-gated arteriography
MV	minute volume
MVC	motor vehicle collision
NAD	nicotinamide adenine dinucleotide
NAI	non-accidental injury
NASH	non-alcoholic steato hepatitis
NBM	nil by mouth
NCEPOD	National Confidential Enquiry into Peri-operative Deaths
ND	normal delivery
NDMR	non-depolarising neuromuscular relaxants
NET	neuroelectric therapy
NFR	not for resuscitation
NGT	nasogastric tube
NHBD	non heart beating donor
NHZ	nominal hazard zone
NIDDM	non-insulin-dependent diabetes mellitus
NIPPV	non-invasive positive pressure ventilation
NIV	non-invasive ventilation
NMA	non-medical anaesthetist
NMBA	neuromuscular blocking agent
NMJ	neuromuscular junction
NMP	neuromotor prosthesis
NMRI	nuclear magnetic resonance imaging
NOTES	natural orifice transluminal endoscopic surgery
NPDR	non-proliferative diabetic retinopathy
NPO	nil per os (nil by mouth)

Abbreviations

NPP	National Practitioner Programme
NPPV	non-invasive positive pressure ventilation
NRL	natural rubber latex
NRT	nicotine replacement therapy
NSAID	non-steroidal anti-inflammatory drug
NSCLC	non-small-cell lung cancer
NSS	neurological severity score
NTD	neural tube defect
OAB	overactive bladder
OCD	obsessive compulsive disorder
OCR	oculocardiac reflex
ODD	oesophageal detector device
ODR	organ donor register
OE	on examination
OELM	optimal external laryngeal manipulation
OGD	oesophago-gastro duodenoscopy
OHS	obesity hypoventilation syndrome
OHSS	ovarian hyperstimulation syndrome
OI	osteogenesis imperfecta
OLV	one-lung ventilation
OPD	outpatient(s) department
OPG	orthopantomogram
ORAC	oxygen radical absorbance capacity
ORIF	open reduction internal fixation
ORMIS	operating room management information system
ORSA	oxacillin-resistant <i>Staphylococcus aureus</i>
OSA	obstructive sleep apnoea
PA	pulmonary artery
PAC	pulmonary artery catheter
PACU	Post-Anaesthetic Care Unit
PAD	peripheral artery disease
PAD	pre-deposit autologous donation
PADSS	post-anaesthesia discharge scoring systems
PAF	platelet-activating factor
PAFC	pulmonary artery flotation catheter
PAH	pulmonary artery hypertension
PAL	powered assisted lipoplasty
PALS	Paediatric Advanced Life Support
PALS	Patient Liaison & Advice Service
PAOP	pulmonary artery occlusion pressure
PaP	papnicolaou (test) (cervix)
PARS	patient risk scores

Abbreviations

PAS	physician-assisted suicide
PAWP	pulmonary artery wedge pressure
PBC	patient breathing circuit
PCA	patient-controlled analgesia
PCB	post-coital bleeding
PCD	programmed cell death
PCEA	patient-controlled epidural analgesia
PCOD	polycystic ovary disease
PCI	percutaneous coronary interventions
PCL	polycaprolactone
PCL	posterior cruciate ligament
PCPs	primary care providers
PCS	perioperative cell salvage
PCTs	Primary Care Trusts
PCV	packed cell volume
PCV	pressure control ventilation
PCWP	pulmonary capillary wedge pressure
PD	peritoneal dialysis
PDA	personal digital assistant
PDO	polydioxanone
PDP	paradichlorobenzene
PDPH	post-dural puncture headache
PDR	proliferative diabetic retinopathy
PE	pulmonary embolism
PEEP	positive end-expiratory pressure
PEG	percutaneous endoscopic gastrostomy
PEP	post-exposure prophylaxis
PERLA	pupils equal & reacting to light & accommodation
PET	polyethylene terephthalate
PET	positron emission tomography
PFCs	perfluorocarbons
PFCT	platelet function closure time
PFI	Private Finance Initiative
PFP	patient focused pricing
PFT	pulmonary function test
PG	prostaglandin
PGA	polyglycolide
PGD	pre-implantation genetic diagnosis
PH	pulmonary hypertension
PHN	post-herpetic neuralgia
PI	pressurised infusion
PIB	Pittsburgh compound-B

Abbreviations

PICC	peripherally inserted central catheter
PID	pelvic inflammatory disease
PIH	pregnancy-induced hypertension
PIP	proximal interphalangeal (joint)
PLA	polylactic acid
PLV	partial liquid ventilation
PM	post-mortem
PMB	postmenopausal bleeding
PMCA	protein misfolding cyclic amplification
PMH	past medical history
PMHX	patient (past) medical history
PMMA	polymethylmethacrylate
PMR	percutaneous myocardial revascularisation
PMR	proportionate mortality rate
PN	postnatal
PNB	peripheral nerve block
PNS	peripheral nerve stimulator
PNS	post nasal space
POCU	Post Operative Care Unit
POD	Pouch of Douglas
POF	premature ovarian failure
POM	prescription only medicine
PONV	postoperative nausea & vomiting
POP	Plaster of Paris
POP	progesterone-only pill
PP	placenta praevia
PPD	para-phenylenediamine
PPE	personal protective equipment
PPG	photo-plethysmography
PPH	post-partum haemorrhage
PPH	primary pulmonary hypertension
PPI	proton pump inhibitor
PPM	parts per million
PPS	pentosan polysulphate
PR	per rectum
PR	prothrombin ratio
PRL	prolactin
PRN	pro-re nata (when required)
PrP	prion protein
PRVC	pressure-regulated volume control
PS	pressure support
PSA	prostate-specific antigen

Abbreviations

PSA	puromycin-sensitive aminopeptidase
PSG	polysomnography
p.s.i.	pounds (per) square inch
PSI	patient state index
PSNS	parasympathetic nervous system
PSV	pressure support ventilation
PSVT	paroxysmal supraventricular tachycardia
PT	prothrombin time
Pt	patient
PTC	percutaneous transhepatic cholangiography
PTCA	percutaneous transluminal coronary angioplasty
PTH	parathyroid hormone
PTNS	percutaneous tibial nerve stimulation
PTRA	percutaneous transluminal renal angioplasty
PTT	partial thromboplastin time
PTT	pulse transit time
PTTK	partial thromboplastin time with kaolin
PTSD	post-traumatic stress disorder
PU	peptic ulcer
PV	per vagina
PVC	premature ventricular contraction
PVD	peripheral vascular disease
PVL	panton-valentine leukocidin
PVP	photo-selective prostate vaporisation
PVR	pulmonary vascular resistance
PVS	persistent vegetative state
PWV	pulse wave velocity
QA	quality assurance
QIPs	quality improvement programmes
RA	rheumatoid arthritis
RAO	right anterior oblique
RAOS	rheumatoid & arthritis outcome score
RAP	right atrial pressure
RASS	Richmond activity assessment scale
RBBB	right bundle branch block
RBC	red blood cell
RBS	random blood sugar
RCF	relative centrifugal force
RCT	randomised controlled (clinical) trial
RDA	recommended daily allowance
RDHB	rapid deployment haemostat bandage
RDI	recommended daily intake

Abbreviations

REACH	registration, evaluation & authorisation of chemicals
REM	rapid eye movement
REMMS	reticulo-endothelial monocyte macrophage system
RF	rheumatoid factor
RFID	radiofrequency identification
RIDDOR	Reporting of Injuries, Diseases and Dangerous Occurrences Regulations
RIF	right iliac fossa
RIH	right inguinal hernia
RIV	respiratory-induced variations
RLS	restless leg syndrome
RPS	regional pain syndrome
RR	respiratory rate
RRT	renal replacement therapy
RSD	reflex sympathetic dystrophy
RSI	rapid sequence induction
RSI	repetitive strain injury
RTA	road traffic accident
RTC	road traffic collision
RV	residual volume
SAB	subarachnoid block
SABS	safety alert broadcast system
SACE	serum angiotensin-converting enzyme
SAD	supraglottic airway device
SAD(S)	seasonal affected disorder
SADS	sudden arrhythmic death syndrome
SAGM	saline-adenine glucose mannitol
SARS	severe acute respiratory syndrome
SAS	sedation assessment scale
SAT	syringe aspiration technique
SB	stillbirth
SBP	systolic blood pressure
SC	subcutaneous
SCBU	Special Care Baby Unit
SCN	suprachiasmatic nuclei
SCNT	somatic cell nuclear transfer
SCP	surgical care practitioner
SCS	spinal cord stimulator
SEDc	spondyloepiphyseal dysplasia congenital
SGOT	serum glutamic-oxaloacetic transaminase
SH	standard heparin
SHA	strategic health authority

Abbreviations

SHOT	serious hazard of transmission
SI	système international d’units
SIADH	syndrome of inappropriate antidiuretic hormone secretion
SIB	self-inflating bulb
SICAT	siliconised catgut
SIDS	sudden infant death syndrome
SIMV	synchronised intermittent mandatory ventilation
SIRS	systematic inflammatory response syndrome
SLE	systemic lupus erythematosus
SLT	single lumen tube
SMR	submucous resection
SNPs	single nucleotide polymorphisms
SNS	sympathetic nervous system
SOD	superoxide dismutase
SOFA	sepsis-related organ failure assessment
SOP	standards of proficiency
SPD	serious personality disorder
SPF	skin protection factor
SPN	safer practice notice
SPOT	specialist practitioner of transfusion
SSI	sliding scale insulin
SSI	surgical site infection
SSRIs	selective serotonin re-uptake inhibitors
STD	sexually transmitted disease
STI	sexually transmitted infection
STM	symptom thermal method
SUI	stress urinary incontinence
SVP	saturated vapour pressure
SVR	systemic vascular resistance
SVT	supraventricular tachycardia
SWG	Standard Wire Gauge
T&As	tonsils & adenoids
TAH	total abdominal hysterectomy
TALS	Trauma Advanced Life Support
TB	tuberculosis
TBW	total body water
TCD	transcranial doppler
TCI	target controlled infusion
TCRE	transcervical resection of endometrium
TD	tetanus, diphtheria
TdP	Torsade de Pointes
TDT	Trieiger Dot Test