

Appendix B

Abbreviations and Meanings

A		AE	above elbow
AZ or A ₂	aortic valve closure	AED	automated external defibrillation
A	accommodation; age; anterior	AF	acid-fast; atrial fibrillation
AAA	abdominal aortic aneurysm	AFB	acid-fast bacilli
AAL	anterior axillary line	A fib	atrial fibrillation
AAV	adeno-associated virus	AFP	alpha-fetoprotein
Ab	antibody	Ag	antigen
AB, ab	abortion	AG, A/G	albumin/globulin ratio
abd	abdomen	AH	abdominal hysterectomy
AB, Abnl	abnormal	AHD	arteriosclerotic heart disease; autoimmune hemolytic disease
A/B	acid-base ratio	AHF	antihemophilic factor VIII
ABC	aspiration; biopsy; cytology	AHG	antihemophilic globulin factor VIII
ABE	acute bacterial endocarditis	AI	aortic insufficiency; atherogenic index
ABG	arterial blood gases	AID	acute infectious disease; artificial insemination donor
ABP	arterial blood pressure	AIDS	acquired immune deficiency syndrome
ABR	auditory brainstem response	AIH	artificial insemination homologous
AC	acromioclavicular; air conduction	AIHA	autoimmune hemolytic anemia
ac	acute	aj	ankle jerk
AC, ac	before meals	AK	above knee
Acc	accommodation	AKA	above-knee amputation; also known as
ACD	acid-citrate-dextrose; anterior chest diameter	alb	albumin
ACG	angiocardiography; apex cardiogram	ALG	antilymphocytic globulin
ACH	adrenocortical hormone	alk	alkaline
ACL	anterior cruciate ligament	alk phos	alkaline phosphatase
ACLS	advanced cardiac life support	ALL	acute lymphoblastic leukemia; acute lymphocytic leukemia
ACP	acid phosphatase	ALND	axillary lymph node dissection
ACTH	adrenocorticotrophic hormone	ALP	alkaline phosphatase
ACVD	acute cardiovascular disease	ALS	aldolase; amyotrophic lateral sclerosis; antilymphocytic serum
AD	abdominal diaphragmatic breathing; adenovirus; Alzheimer's disease; right ear	ALT	alanine transaminase (liver and heart enzyme)
ADD	attention deficit disorder	alt dieb	alternate days; every other day
ADE	adverse drug event	alt hor	alternate hours
ADH	antidiuretic hormone	alt noct	alternate nights
ADHD	attention deficit hyperactivity disorder	AMA	advanced maternal age; against medical advice; American Medical Association
ADL	activities of daily living	amb	ambulate; ambulatory
ad lib	as desired	AMD	age-related macular degeneration
adm	admission		
ADS	antibody deficiency syndrome		
ADR	adverse drug reaction		
ADT	admission; discharge; transfer		

AMI	acute myocardial infarction	AVM	arteriovenous malfunction
AML	acute myeloblastic leukemia; acute myelocytic leukemia	AVN	atrioventricular node
amp	ampule	AVR	aortic valve replacement
AMS	amylase	Ax	axillary
amt	amount	AZI	Aschheim-Zondek test
AN	anesthesiology	B	
ANA	antinuclear antibodies	B/A	backache
ANF	antinuclear factor	BA	bronchial asthma
ANLL	acute nonlymphocytic leukemia	Ba	barium
ANS	autonomic nervous system	BAC	blood alcohol concentration
ant	anterior	BaE	barium enema
AOD	adult-onset diabetes; arterial occlusive disease	BAO	basal acid output
AOM	acute otitis media	bas	basophils
A & P	anterior and posterior; auscultation and percussion	BBB	blood-brain barrier; bundle branch block
AP	angina pectoris; anteroposterior; anterior-posterior	BBT	basal body temperature
APLD	aspiration percutaneous lumbar diskectomy	BC	bone conduction
aq	aqueous; water	BCC	basal cell carcinoma
ARD	acute respiratory disease	BE	barium enema; below elbow
ARDS	adult respiratory distress syndrome	BEAM	brain electrical activity map
ARF	acute renal failure; acute respiratory failure	BED	binge eating disorder
ARM	artificial rupture of membranes	BFP	biologic false positive
ART	assisted reproductive technology	BID, bid, b.i.d.	bis in die; twice a day
AS	ankylosing spondylitis; aortic stenosis; left ear	bil	bilateral
ASA	aspirin	BIN, bin	twice a night
ASAP	as soon as possible	BK	below knee
ASCVD	arteriosclerotic cardiovascular disease	BKA	below-knee amputation
ASD	atrial septal defect	Bld	blood
ASH	asymmetrical septal hypertrophy	BJ	Bence Jones
ASHD	arteriosclerotic heart disease	BM	bone marrow; bowel movement
ASIS	anterior superior iliac spine	BMD	Becker's muscular dystrophy; bone mineral density
ASO	arteriosclerosis obliterans	BMI	body mass index
ASS	anterior superior spine	BMR	basal metabolic rate
AST	aspartate aminotransferase	BMT	barium meal test; bone marrow transplant
as tol	as tolerated	BNO	bladder neck obstruction
ATP	adenosine triphosphate	BNR	bladder neck resection
Au	gold	BOM	bilateral otitis media
AU	auris unitas; both ears	B/P, BP	blood pressure
AUL	acute undifferentiated leukemia	BP&P	blood pressure and pulse
ausc	auscultation	BPH	benign prostatic hyperplasia; benign prostatic hypertrophy
A-V	aortic valve; artificial ventilation; atrioventricular; arteriovenous	BPM, bpm	beats per minute; breaths per minute
		BPPV	benign paroxysmal positional vertigo

BR	bed rest	CCr	creatinine clearance
BRBPR	bright red blood per rectum	CCI	cranial computed tomography
Bronch	bronchoscopy	CCU	coronary care unit
BRP	bathroom privileges	CDC	calculated date (day) of confinement; Centers for Disease Control and Prevention
BS	blood sugar; bowel sounds; breath sounds	CDE	common duct exploration
BSE	breast self-examination	CDH	congenital dislocation of the hip
BSO	bilateral salpingo-oophorectomy	CDT	cumulative trauma disorders
BT	bleeding time	CEA	carcinoembryonic antigen
BUN	blood urea nitrogen	CF	complete fixation; counting fingers; cystic fibrosis
BV	bacterial vaginosis; blood volume	CFS	chronic fatigue syndrome
Bx, bx	biopsy	C gl	with correction; with glasses
C		CGL	chronic granulomatous leukemia
C1-C7	cervical vertebrae	Ch	cholesterol
C	centigrade; Celsius	CHB	complete heart block
c	centimeter	CHD	congenital heart defects; coronary heart disease
τ	with	CHF	congestive heart failure
ε	without	CHO	carbohydrate
Ca	calcium	chol	cholesterol
CA, Ca	cancer; cardiac arrest; carcinoma; chronological age	chr	chronic
CAB	coronary artery bypass	CI	coronary insufficiency
CABG	coronary artery bypass grafting	cib	food
CAD	computer-assisted diagnosis; coronary artery disease	CID	cytomegalic inclusion disease
cal	calorie	CIE	counter immunoelectrophoresis
cap, caps	capsule	CIN	cervical intraepithelial neoplasia
CAPD	continuous ambulatory peritoneal dialysis	circ	circumcision
CAT	computerized axial tomography	CIS	carcinoma in situ
cath	catheter; catheterize	CIT	conventional insulin treatment
CAVH	continuous arteriovenous hemofiltration	CK	creatine kinase
CBC, cbc	complete blood count	ck	check
CBF	capillary blood flow; coronary blood flow	Cl, cl	clinic; chloride
CBI	continuous bladder irrigation	CL	cholelithiasis; chronic leukemia; cirrhosis of the liver; cleft lip; corpus luteum
CBR	complete bedrest	CLD	chronic liver disease
CBS	chronic brain syndrome	CLL	chronic lymphocytic leukemia
CC	chief complaint; colony count; cardiac cycle; cardiac catheterization; creatinine clearance	cl liq	clear liquid
cc	cubic centimeter (1/1000 liter)	cm	centimeter (1/100 meter)
CCA	circumflex coronary artery	cm ³	cubic centimeter
CCCR	closed chest cardiopulmonary resuscitation	CME	cystoid macular edema
CCPD	continuous cycle peritoneal dialysis	CMG	cystometrogram
		CML	chronic myelocytic leukemia
		CMM	cutaneous malignant melanoma
		CMV	controlled mechanical ventilation; cystometrogram; cytomegalovirus

CNS	central nervous system; cutaneous nerve stimulation	CUG	cystourethrogram
c/o, C/O	complains of	CV	cardiovascular
Co	cobalt	CVA	cardiovascular accident; cerebrovascular accident; costovertebral angle
CO	carbon monoxide; coronary occlusion; coronary output	CVD	cardiovascular disease
CO₂	carbon dioxide	CVL	central venous line
COD	cause of death	CVP	central venous pressure; Cytoxan; vincastine; prednisone
COH	carbohydrate	CVS	chronic villus sampling
COLD	chronic obstructive lung disease	CWP	childbirth without pain; coal workers' pneumoconiosis
comp	compound	Cx	cervix
cond	condition	CX, CXR	chest x-ray film
contra	against	cysto	cystoscopic examination; cystoscopy
COPD	chronic obstructive pulmonary disease	D	
CP	cardiopulmonary; cerebral palsy	D	diopler (lens strength)
CPA	carotid phonoangiograph	d	day
CPAP	continuous positive airway pressure	DAT	diet as tolerated
CPC	clinico-pathologic conference	db	decibel
CPD	cephalopelvic disproportion	D & C	dilation and curettage
CPE	cytopathic effect	D/C, DC	discontinue
CPK	creatinine phosphokinase	DCC	direct-current cardioversion
CPN	chronic pyelonephritis	DCIS	ductal carcinoma in situ
CPPB	continuous positive-pressure breathing	DCR	direct cortical response
CPR	cardiopulmonary resuscitation	Ddx	differential diagnosis
CPS	cycles per second	D & E	dilation and evacuation
CRD	chronic respiratory disease	del	delivery
CRF	chronic renal failure	DES	diethylstilbestrol
creat	creatinine	DGE	delayed gastric emptying
CR	conditioned reflex; complete response	DEXA	dual energy x-ray absorptiometry
CRF	chronic renal failure	DHEA	dehydroepiandrosterone
CS	central supply; cesarean section; complete stroke; conditioned stimulus; Cushing's syndrome	DHFS	dengue hemorrhagic fever shock syndrome
C & S	culture and sensitivity	DI	diabetes insipidus
CSAP	cryosurgical ablation of the prostate	diag	diagnosis
CSF	cerebrospinal fluid	DIC	diffuse intravascular coagulation
CSR	central supply room; Cheyne-Stokes respiration	diff	differential
CT	computed tomography	DIP	distal interphalangeal
CTCL	cutaneous T-cell lymphoma	disch	discharge
CTS	carpal tunnel syndrome	DJD	degenerative joint disease
CTI	computed transaxial tomography	DKA	diabetic ketoacidosis
CTZ	chemoreceptor trigger zone	DL	danger list
cu	cubic	DLE	discoid lupus erythematosus
CUC	chronic ulcerative colitis	DM	dermatomyositis; diabetes mellitus; diastolic murmur
		DMD	Duchenne's muscular dystrophy

DNA	deoxyribonucleic acid	EDD	end-diastolic dimension.
DNR	do not resuscitate	EDG	electrodynogram
DNS	deviated nasal septum	EDV	end-diastolic volume
DOA	dead on arrival	EEG	electroencephalogram; electroencephalography
DOB	date of birth	EENT	eye, ear, nose, and throat
DOC	date of conception	EFM	electronic fetal monitor
DOE	dyspnea on exertion	EIA	enzyme immunoassay
DOMS	delayed-onset muscle soreness	EIB	exercise-induced bronchospasm
DOT	directly observed therapy	Ej	elbow jerk
DQ	developmental quotient	EKG	electrocardiogram; electrocardiography
DPT	diphtheria-pertussis-tetanus	ELISA	enzyme-linked immunoassay; enzyme-linked immunosorbent assay
dr	dram; dressing	elix	elixir
DR	diabetic retinopathy; digital radiography; doctor	EM	electron microscope; emmetropia
DRE	digital rectal exam	EMG	electromyogram; electromyography
DRG	diagnosis-related group	EMR	educable mentally retarded; electronic medical record; eye movement record
D/S	dextrose in saline	EMS	early morning specimen; electromagnetic spectrum
DSA	digital subtraction angiography	ENG	electronystagmography
DSD	dry sterile dressing	ENT	ear, nose, and throat
dsg	dressing	EOG	electro-oculogram
DT	diphtheria and tetanus toxoids	EOM	extraocular muscles; extraocular movement
DTP	diphtheria, tetanus toxoids, and pertussis vaccine	Eos, eosins	eosinophils
DTs	delirium tremens	EP	ectopic pregnancy; evoked potential
DTR	deep tendon reflex	EPF	early pregnancy factor; exophthalmos-producing factor
DUB	dysfunctional uterine bleeding	EPO	erythropoietin
DVA	distance visual acuity	EPR	electron paramagnetic resonance; emergency physical restraint
DVI	digital vascular imaging	EPS	extrapyramidal symptoms; exophthalmos-producing substance
DW	distilled water	ER	emergency room; epigastric region
D/W	dextrose in water	ERCP	endoscopic retrograde cholangiopancreatography
Dx	diagnosis	ERG	electroretinogram
E		ERPF	effective renal plasma flow
E	enema	ERT	estrogen replacement therapy; external radiation therapy
EBL	estimated blood loss	ERV	expiratory reserve volume
EBP	epidural blood patch	ESD	end-systolic dimension
EBV	Epstein-Barr virus	ESPF	end-stage pulmonary fibrosis
ECC	endocervical curettage; extracorporeal circulation	ESR	erythrocyte sedimentation rate
ECCE	extracapsular lens extraction	ESRD	end-stage renal disease
ECG	electrocardiogram; electrocardiography		
ECHO	echocardiogram; echocardiography		
ECOM	extracorporeal membrane oxygenator		
ECT	electroconvulsive therapy		
ED	effective dose		
EDC	estimated date (day) of confinement		

ESWL	extracorporeal shock-wave lithotripsy	FS	frozen section
EST	electric shock therapy	FSH	follicle-stimulating hormone
ESV	end-systolic volume	FSP	fibrin-fibrinogen split products
ET	embryo transfer; enterically transmitted; esotropia	FSS	functional endoscopic sinus surgery
et	and	FT	family therapy
ETF	eustachian tube function	FIA	fluorescent treponemal antibody
etiol	etiology	FII	free thyroxine index
ETT	endotracheal tube; exercise tolerance test	FTND	full-term normal delivery
EU	Ehrlich units; emergency unit; etiology unknown	FIT	failure to thrive
EWB	estrogen withdrawal bleeding	FU, F/U	follow-up; follow up
ex	excision; exercise	FUO	fever of unknown origin
exam	examination	FX, Fx	fracture
exp	expiration	G	
ext	extraction; external	g	gram
F		g1	gravida (pregnancy)
F	Fahrenheit	ga	gallium
FA	fluorescent antibody	GA	gastric analysis; general anesthesia
EAS	fetal alcohol syndrome	GB	gallbladder
FB	foreign body	GBM	glomerular basement membrane
FBS	fasting blood sugar	GBS	gallbladder series; Guillain-Barré syndrome
FCD	fibrocystic disease	G-Cs	glucocorticoids
FDP	fibrin-fibrinogen degradation products	GC	gonorrhea
Fe	iron	G&D	growth and development
FECG	fetal electrocardiogram	GDM	gestational diabetes mellitus
FEF	forced expiratory flow	GER	gastroesophageal reflux
FEV	forced expiratory volume	GERD	gastroesophageal reflux disease
FFA	free fatty acids	GFR	glomerular filtration rate
FH	family history	GG	gamma globulin
FHR	fetal heart rate	GGT	gamma-glutamyl transferase
FHS	fetal heart sounds	GH	growth hormone
FHT	fetal heart tones	GHb	glycohemoglobin
FIA	fluorescent immunoassay; fluoroimmunoassay	GIFT	gamete intrafallopian transfer
FME	full mouth extractions	GIT	gastrointestinal tract
fMRI	functional magnetic resonance imaging	GLIT	glucose tolerance test
FMS	fibromyalgia syndrome	gm	gram
FOBT	fecal occult blood test	GMP	guanosine monophosphate
FPG	fasting plasma glucose	GOT	glutamic oxaloacetic transaminase
FR	fibrin-fibrinogen related	GP	general practice
fr	French (catheter size)	gr	grain
FRC	functional residual capacity	grav I	pregnancy one; primigravida
FROM	full range of motion	GS	general surgery
		GSW	gunshot wound
		GT	glucose tolerance
		GTP	guanosine triphosphate
		GTT	glucose tolerance test

gtt	drops	Hgb	hemoglobin
GU	genitourinary	HGE	human granulocytic Ehrlichiosis
GVHD	graft-versus host disease	HI	hemagglutination-inhibition
GxT	graded exercise test	HIE	hypoxic ischemic encephalopathy
GYN, Gyn	gynecology	HIV	human immunodeficiency virus
H		H & L	heart and lungs
h	hour	HL	Hodgkin's lymphoma
H	hydrogen; hypodermic	HLA	human leukocyte antigen
H & H	hemoglobin and hematocrit	HLR	heart-lung resuscitation
HAA	hepatitis associated antigen; hepatitis Australia antigen	HM	hand motion
HAI	hemagglutination-inhibition immunoassay	HMD	hyaline membrane disease
HASHD	hypertensive arteriosclerotic heart disease	HMO	health maintenance organization
HAV	hepatitis A virus	HNP	herniated nucleus pulposus
HB	heart block; hemoglobin	HO	hyperbaric oxygen
HBE	His bundle electrocardiogram	HOB	head of bed
HbF	fetal hemoglobin	H & P	history and physical
HBP	high blood pressure	HP	hemipelvectomy; hyperparathyroidism
HbS	sickle cell hemoglobin	HPF	high-power field
HBV	hepatitis B virus	HPL	human placental lactogen
HC	Huntington's cholera	HPN	hypertension
HCD	heavy-chain disease	HPO	hypothalamic-pituitary-ovarian
HCFA	Health Care Financing Administration	HPS	hantavirus pulmonary syndrome
HCG	human chorionic gonadotropin	HPV	human papilloma virus
HCl	hydrochloric acid	HR	heart rate
HCL	hairy cell leukemia	hr	hour
HCPCS	Health Care Financing Administration Common Procedure Coding System	HRT	hormone replacement therapy
HCT, hct	hematocrit	hs, h.s.	at bedtime; hour of sleep
HCV	hepatitis C virus	HS	hereditary spherocytosis; herpes simplex
HCVD	hypertensive cardiovascular disease	HSG	hysterosalpingogram
HD	hearing distance; heart disease; hemodialysis; hip disarticulation; Hodgkin's disease; Huntington's disease	HSV	herpes simplex virus
HDL	high-density lipoprotein	ht	height; hematocrit
He	helium	HT	hormone therapy
H & E	hematoxylin and eosin stain	HTO	high tibial osteotomy
HDN	hemolytic disease of the newborn	HV	hospital visit
HDS	herniated disk syndrome	HVD	hypertensive vascular disease
HE	hereditary elliptocytosis	Hx	history
HEENT	head; eyes, ears, nose, throat	hypo	hypodermic
HF	heart failure	HZ	herpes zoster
Hg	mercury	I	
		I	intensity of magnetism; iodine
		IABP	intra-aortic balloon pump
		IACP	intra-aortic counterpulsation
		IADH	inappropriate antidiuretic hormone
		IASD	interatrial septal defect
		IBC	iron-binding capacity

IBD	inflammatory bowel disease	IO	intraocular
IBS	irritable bowel syndrome	IOD	iron-overload disease (hemochromatosis)
IC	inspiratory capacity	IOL	intraocular lens
ICCE	intracapsular lens extraction	IOP	intraocular pressure
ICCU	intensive coronary care unit	IPF	idiopathic pulmonary fibrosis
ICD	implantable cardioverter defibrillator	IPG	impedance plethysmography
ICF	intracellular fluid	IPPB	intermittent positive-pressure breathing
ICP	intracranial pressure	IQ	intelligence quotient
ICS	intercostal space	irrig	irrigation
ICSI	intracytoplasmic sperm injection	IS	intercostal space
ICT	indirect Coombs' test; insulin coma therapy	ISG	immune serum globulin
ict ind	icterus index	isol	isolation
ICU	intensive care unit	IIP	idiopathic thrombocytopenic purpura
I & D	incision and drainage	IU	international unit
ID	infectious disease; intradermal	IUD	intrauterine device
IDC	infiltrating ductal carcinoma; invasive ductal carcinoma	IUP	intrauterine pressure
IDD	insulin-dependent diabetes	IV	intravenous; intravenously
IDDM	insulin-dependent diabetes mellitus	IVC	inferior vena cava
IDK	internal derangement of the knee	IVCP	inferior vena cava pressure
IDS	immunity deficiency state	IVD	intervertebral disk
I/E	inspiratory-expiratory ratio	IVDA	intravenous drug abuse
IEMG	integrated electromyogram	IVF	in vitro fertilization
IFG	impaired fasting glucose	IVEA	intravenous fluorescein angiography
Ig	immunoglobulin	IVP	intravenous pyelogram
IgA	immunoglobulin A	IVSD	interventricular septal defect
IgD	immunoglobulin D	IVU	intravenous urogram
IgE	immunoglobulin E		
IgG	immunoglobulin G	J	
IgM	immunoglobulin M	jct	junctions
IGT	impaired glucose tolerance	JOD	juvenile-onset diabetes
IH	infectious hepatitis	JRA	juvenile rheumatoid arthritis
IHD	ischemic heart disease	Jt	joint
IHSS	idiopathic hypertrophic subaortic stenosis	JVP	jugular venous pressure; jugular venous pulse
IL	interleukin		
ILC	infiltrating lobular carcinoma; invasive lobular carcinoma	K	
IM	infectious mononucleosis; intramuscular	K	potassium
IMAG	internal mammary artery graft	KB	ketone bodies
IMF	idiopathic myelofibrosis	KCF	key clinical findings
IMV	intermittent mandatory ventilation	KCl	potassium chloride
IN	insulin	KD	knee disarticulation
inf	inferior; infusion	KE	kinetic energy
I & O	intake and output	kg	kilogram
		kj	knee jerk

KO	keep open	L/min	liters per minute
KOH	potassium hydrochloride	LMP	last menstrual period
KS	Kaposi's sarcoma	LNMP	last normal menstrual period
KUB	kidney, ureter, bladder	LOC	level of consciousness; loss of consciousness
KVO	keep vein open	LOM	limitation of motion; loss of motion
L		LOS	length of stay
I	liter	LP	light perception; lumbar puncture; lumboperitoneal
L1-L5	lumbar vertebrae	LPF	low-power field
L & A	light and accommodation	LPS	lipase
LA	left atrium	LR	light reaction
lab	laboratory	LRDKT	living related donor kidney transplant
lac	laceration	LSB	left sternal border
LAD	left anterior descending	LSD	lysergic acid diethylamide
LAP	leucine aminopeptidase	lt	left
lap	laparotomy	LTB	laryngotracheobronchitis
laser	light amplification by stimulated emission of radiation	LTC	long-term care
LASIK	laser in situ keratomileusis	LTH	luteotropic hormone
lat	lateral	LUE	left upper extremity
LAVH	laparoscopically assisted vaginal hysterectomy	LUL	left upper lobe
lb	pound	LUQ	left upper quadrant
LB	large bowel; low back	LV	left ventricle
LBBB	left bundle branch block	LVH	left ventricle hypertrophy
LBW	low birth weight	lymphs	lymphocytes
LBBX	left breast biopsy and examination		
LBP	low back pain	M	
LCIS	lobular carcinoma in situ	M	meter; murmur
L & D	labor and delivery	Mabs	monoclonal antibodies
LD	lactic dehydrogenase	MAO	maximal acid output; monoamine oxidase
LDD	light-dark discrimination	MAR	multiple antibiotic resistant
LDH	lactic dehydrogenase	MBC	maximal breathing capacity
LDL	low-density lipoprotein	MBD	minimal brain damage
LE	left eye; life expectancy; lower extremity; lupus erythematosus	mc	millicurie
LES	lower esophageal sphincter	mcg	microgram
lg	large	MCH	mean corpuscular hemoglobin
LH	luteinizing hormone	MCHC	mean corpuscular hemoglobin concentration
LHBD	left heart bypass device	MCT	mean circulation time
LHF	left-sided heart failure	MCV	mean corpuscular volume
LHR	leukocyte histamine release test	MD	macular degeneration; medical doctor; muscular dystrophy
lig	ligament	MDS	myelodysplastic syndrome
liq	liquid	MDR-TB	multidrug-resistant tuberculosis
LLE	lower left extremity	ME	middle ear
LLL	left lower lobe		
LLSB	left lower sternal border		
LLQ	left lower quadrant		



MED	minimal effective dose; minimal erythema dose	MVPS	Medicare volume performance standard
mEq	milliequivalent	MY	myopia
M & F	mother and father	myel	myelogram
MFT	muscle function test	myop	myopia
mg	milligram		
MG	myasthenia gravis		
mgm	milligram	N	
MH	malignant hyperpyrexia; malignant hyperthermia; marital history	N & T	nose and throat
MHA	microhemagglutination	N/C	no complaints
MHC	major histocompatibility complex	NA	not applicable; numerical aperture
MI	mitral insufficiency; myocardial infarction	Na	sodium
MICU	medical intensive care unit; mobile intensive care unit	NaCl	sodium chloride
MID	multi-infarct dementia	NAD	no acute disease; no apparent distress
MIDCAB	minimally invasive direct coronary artery bypass	NB	newborn
MIP	maximal inspiratory pressure	NBT	nitroblue tetrazolium
ml, mL	milliliter	NCV	nerve conduction velocity
MLD	median lethal dose	NED	no evidence of disease
mm	millimeter	NEG, neg	negative
mm Hg	millimeters of mercury	neuro	neurology
MM	multiple myeloma; malignant melanoma	NF	National Formulary; neurofibromatosis
MND	motor neuron disease	N/G	nasogastric (tube)
MNT	medical nutrition therapy	ng	<i>Neisseria gonorrhoeae</i>
MODY	maturity-onset diabetes of the young	NGU	nongonococcal urethritis
MOM	milk of magnesia	NHL	non-Hodgkin's lymphoma
mono	monocytes	NICU	neurologic intensive care unit
MP	metacarpal-phalangeal	NIDDM	non-insulin-dependent diabetes mellitus
MPD	myofascial pain dysfunction	NK	natural killer (cell)
MPJ	metacarpophalangeal joint	NKA	no known allergies
MR	mental retardation; metabolic rate; mitral regurgitation	NLP	neurolinguistic programming
MRD	medical record department	NM	neuromuscular; nuclear medicine
MRI	magnetic resonance imaging	N & M	nerves and muscles; night and morning
MS	mitral stenosis; multiple sclerosis; musculoskeletal	NMR	nuclear magnetic resonance
MSH	melanocyte-stimulating hormone	No	number
MSL	midsternal line	noc, noct	night
MT	medical technician; medical technologist	NOFTT	nonorganic failure to thrive
MTD	right eardrum	NPC	no point of convergence
MTS	left eardrum	NPH	neutral protamine Hagedorn
MTX	methotrexate	NPN	nonprotein nitrogen
MV	mitral valve	NPO	nothing by mouth
MVP	mitral valve prolapse	NR	no response
		NREM	no rapid eye movements
		N/S	normal saline
		NS	nephrotic syndrome; normal saline; not stated; not sufficient

NSAID	nonsteroidal anti-inflammatory drug	OS	left eye (oculus sinister)
NSR	normal sinus rhythm	os	mouth
NSU	nonspecific urethritis	OSA	obstructive sleep apnea
Nt	neutralization	OT	occupational therapy; old tuberculin
NID	neural tube defect	OTC	over-the-counter
NTG	nitroglycerin	Oto	otology
N & V	nausea and vomiting	OU	each eye (oculus unitas)
NVA	near visual acuity	oz	ounce
NVD	nausea, vomiting, and diarrhea; neck vein distention	OXT	oxytocin
NVS	neural vital signs		
NYD	not yet diagnosed		
		P	
O		P, p	after; phosphorus; pulse
OA	osteoarthritis	P & A	percussion and auscultation
OB	obstetrics	PA	pernicious anemia; physician's assistant; posteroanterior; posterior-anterior; pulmonary artery
OB-GYN	obstetrics and gynecology	PABA	para-aminobenzoic acid
obl	oblique	PAC	premature atrial contraction
OBS	organic brain syndrome	PACAB	port-access coronary artery bypass
Obs	obstetrics	PADP	pulmonary artery diastolic pressure
OC	office call; oral contraceptive	PAMP	pulmonary arterial mean pressure
OCC	occasional	Pap	Papanicolaou smear
OCD	obsessive compulsive disorder; oral cholecystogram	PAR	perennial allergic rhinitis; postanesthetic recovery
OCT	oral contraceptive therapy	PARA (P ₁)	full-term infants delivered
OD	overdose; right eye (oculus dexter)	paren	parenterally
od	once a day	PASP	pulmonary artery systolic pressure
OGN	obstetric-gynecologic-neonatal	PAT	paroxysmal atrial tachycardia
OGTT	oral glucose tolerance test	Path	pathology
oint	ointment	PBC	primary biliary cirrhosis
OJD	osteoarthritic joint disease	PBI	protein-bound iodine
OM	otitis media	PBP	progressive bulbar palsy
OME	otitis media with effusion	PBT $\frac{1}{4}$	protein-bound thyroxine
OMR	optic mark recognition	pc	after meals
OOB	out of bed	PCO, PCOS	polycystic ovary syndrome
O & P	ova and parasites	PCT	plasmacrit time
OP	outpatient	PCP	<i>Pneumocystis carinii</i> pneumonia
OPD	outpatient department	PCU	progressive care unit
OPG	oculoplethysmography	PCV	packed cell volume
Ophth	ophthalmic	PD	interpupillary distance; Parkinson's disease; peritoneal dialysis
OPA	oropharyngeal airway	PDA	patent ductus arteriosus
OPT	outpatient	PDD	pervasive developmental disorder
OPV	oral poliovirus vaccine	PDL	periodontal ligament
OR	operating room	PE	physical examination
ORIF	open reduction internal fixation	PEA	pulseless electrical activity
ORT	oral rehydration therapy	Peds	pediatrics
Orth	orthopedics		

PEEP	positive end-expiratory pressure	PMS	premenstrual syndrome
PEF	peak expiratory flow rate	PMT	premenstrual tension
PEG	pneumoencephalogram; pneumoencephalography	PMVS	prolapsed mitral valve syndrome
PEL	permissible exposure limit	PND	paroxysmal nocturnal dyspnea; postnasal drip
pér	by; through	PNH	paroxysmal nocturnal hemoglobinuria
PERLA	pupils equally reactive (responsive) to light and accommodation	PNS	parasympathetic nervous system; peripheral nervous system
PERRLA	pupils equal, round, react (respond) to light and accommodation	PO, p.o.	by mouth; orally; phone order; postoperative
PET	positron emission tomography; preeclamptic toxemia	POC	products of conception
PFT	pulmonary function test	polys	polymorphonuclear leukocytes
PG	pregnant; prostaglandin	POMR	problem-oriented medical record
PG, 2-h	post-load glucose (number indicates elapsed time)	pos	positive
PGH	pituitary growth hormone	POS	polycystic ovary syndrome
PGL	persistent generalized lymphadenopathy	post-op	postoperatively
pH	acidity; hydrogen ion concentration	PP	postpartum; postprandial (after meals); pulse pressure
PH	past history; personal history; public health	PPA pos	phenylpyruvic acid positive
PHN	postherpetic neuralgia	PPBS	postprandial blood sugar
PI	present illness	PPD	purified protein derivative
PICU	pulmonary intensive care unit	PPLO	pleuropneumonia-like organisms
PID	pelvic inflammatory disease	PPS	postperfusion syndrome; postpolio syndrome; progressive systemic sclerosis
PIF	peak inspiratory flow	PPV	positive-pressure ventilation
PIP	proximal interphalangeal	PR	peripheral resistance; pulse rate
PK	pyruvate kinase; pyruvate kinase deficiency	Pr	presbyopia; prism
PKR	partial knee replacement	pr	by rectum
PKU	phenylketonuria	PRA	plasma renin activity
PL	light perception	PRBC	packed red blood cells
PLC	platelet count	PRC	packed red cells
PLMS	periodic limb movements in sleep	PRE	progressive restrictive exercise
PLS	primary lateral sclerosis	preg	pregnant
PLTS	platelets	PRK	photoreactive keratectomy
PM	evening or afternoon; physical medicine; polymyositis; postmortem	preop	preoperative
PMA	progressive muscular atrophy	prep	prepare
PMH	past medical history	prn	as needed
PMI	point of maximal impulse	proct	proctology
PMN	polymorphonuclear neutrophils	prog	prognosis
PMP	past menstrual period; previous menstrual period	PROM	passive range of motion; premature rupture of membranes
PMR	physical medicine and rehabilitation; polymyalgia rheumatica	pro time	prothrombin time
		PRRE	pupils round, regular, and equal
		PSA	prostate-specific antigen
		PSP	phenolsulfonphthalein
		PSS	progressive systemic sclerosis; physiologic saline solution

psych	psychiatry	qns	quantity not sufficient
PT	paroxysmal tachycardia; physical therapy; prothrombin time	qod	every other day
pt	patient; pint	qoh	every other hour
PTA	percutaneous transluminal angioplasty; plasma thromboplastin antecedent, factor XI	QOL	quality of life
PPT	partial prothrombin time	qs	quantity sufficient
PTB	patellar tendon bearing	qt	quart; quiet
PTC	percutaneous transhepatic cholangiography; plasma thromboplastic component, factor XI	q-q	each
PTCA	percutaneous transluminal coronary angioplasty	quad	quadrant
PTD	permanent and total disability	R	
PTE	parathyroid extract	R	rectal; respiration; right
PTH	parathyroid hormone; parathormone	RA	refractory anemia; rheumatoid arthritis; right arm; right atrium
PTSD	posttraumatic stress disorder	Ra	radium
PTT	partial thromboplastin time; prothrombin time	rad	radiation absorbed dose
PU	peptic ulcer; pregnancy urine; prostatic urethra	RAF	rheumatoid arthritis factor
PUD	peptic ulcer disease; pulmonary disease	RAI	radioactive iodine
pul	pulmonary	RAIU	radioactive iodine uptake determination
PV	peripheral vascular; plasma volume; polycythemia vera	RAS	reticular activating system
P & V	pyloroplasty and vagotomy	RAST	radioallergosorbent
PVC	premature ventricular contraction	RAT	radiation therapy
PVD	peripheral vascular disease	RBBB	right bundle branch block
PVE	prosthetic valve endocarditis	RBC	red blood cell; red blood count
PVOD	peripheral vascular occlusive disease	RBCV	red blood cell volume
PVS	persistent vegetative state	RBE	relative biologic effects
PVT	paroxysmal ventricular tachycardia	RCA	right coronary artery
pvt	private	RD	respiratory distress; retinal detachment
PWB	partial weight-bearing	RDA	recommended daily allowance
PWP	pulmonary wedge pressure	RDS	respiratory distress syndrome
Px	prognosis	reg	regular
Q		rehab	rehabilitation
q	every	RE	right eye
qd, q.d.	every day	rem	roentgen-equivalent-man
qh, q.h	every hour	REM	rapid eye movement
q 2 h	every 2 hours	RER	renal excretion rate
QID, qid, q.i.d.	four times a day	RES	reticuloendothelial system
qm	every morning	RBRVS	resource-based relative value scale
qn	every night	resp	respirations
		RF	renal failure; rheumatoid factor; rheumatic fever
		RFS	renal function study
		RH	right hand
		Rh neg	Rhesus factor negative
		Rh pos	Rhesus factor positive
		RHD	rheumatic heart disease
		RIA	radioimmunoassay



RICE	rest, ice, compression, elevate	RUE	right upper extremity
RIF	right iliac fossa	RUL	right upper lobe
RIST	radioimmunosorbent	RUQ	right upper quadrant
RK	radial keratotomy	RV	residual volume; right ventricle
RL	right leg	RVG	radionuclide ventriculogram
RLC	residual lung capacity	RVH	right ventricular hypertrophy
RLD	related living donor	RVS	relative value schedule
RLE	right lower extremity	RW	ragweed
RLL	right lower lobe	Rx	prescription; take; therapy; treatment
RLQ	right lower quadrant		
RLS	restless legs syndrome	S	
RM	respiratory movement	s	without
RML	right mediolateral	S-A	sinoatrial node
RMSF	Rocky Mountain spotted fever	S & A	sugar and acetone
RNA	ribonucleic acid	SA	salicylic acid; sinoatrial; sperm analysis; surgeon's assistant
RND	radical neck dissection	SAAT	serum aspartate aminotransferase
R/O	rule out	SAB	spontaneous abortion
ROA	right occipitis anterior	SACH	solid ankle cushion heel
ROM	range of motion; rupture of membranes	SACP	serum acid phosphatase
ROP	right occipitis posterior	SAFP	serum alpha-fetoprotein
ROPS	roll over protection structures	SALD	serum aldolase
ROS	review of systems	SAL	sensorineural activity level; sterility assurance level; suction-assisted lipectomy
ROT	right occipitis transverse		
RP	relapsing polychondritis; retrograde pyelogram	SALP	salpingectomy; salpingography; serum alkaline phosphatase
RPCF	Reiter protein complement fixation	Salpx	salpingectomy
RPF	renal plasma flow	SAM	self-administered medication program
RPG	retrograde pyelogram	SAS	short arm splint; sleep apnea syndrome; social adjustment scale; subarachnoid space
rpm	revolutions per minute		
RPO	right posterior oblique	SB	stillbirth
RPR	rapid plasma reagin	SBE	subacute bacterial endocarditis
RQ	respiratory quotient	SBO	small bowel obstruction
R & R	rate and rhythm	sc, SC	subcutaneous
RR	recovery room; respiratory rate	SC	spinal cord
RSD	reflex sympathetic dystrophy	SCA	sickle cell anemia
RSHF	right-sided heart failure	SCC	squamous cell carcinoma
RSI	repetitive stress injuries	SCD	sudden cardiac death
RSR	regular sinus rhythm	SCI	spinal cord injury
RSV	right subclavian vein	schiz	schizophrenia
rt	right; routine	SCID	severe combined immune deficiency
RT	radiation therapy; respiratory therapy	SCPK	serum creatine phosphokinase
RTA	renal tubular acidosis	SCT	sickle cell trait
rt lat	right lateral	SD	septal defect; shoulder disarticulation; spontaneous delivery; sudden death
rtd	retarded		
RUL	right upper lobe		
RU	roentgen unit; routine urinalysis		

SDAT	senile dementia of Alzheimer's type	SNS	sensory nervous system; sympathetic nervous system
SDM	standard deviation of the mean	SO	salpingo-oophorectomy
SDS	sudden death syndrome	SOAP	symptoms, observations, assessments, plan; subjective, objective, assessment, plan
sec	second	SOB	shortness of breath
SED	sub-erythema dose	SOM	serous otitis media
sed rate	sedimentation rate	SONO	sonography
seg	segmented neutrophils	SOP	standard operating procedure
SEM	scanning electron microscopy	sos	if necessary
semi	half	SPBI	serum protein-bound iodine
seq	sequela; sequestrum	SPE	serum protein electrophoresis
SES	subcutaneous electric stimulation	spec	specimen
sev	sever; severed	SPECT	single photon emission computed tomography
SF	scarlet fever; spinal fluid	SPF	skin protective factor
SG	serum globulin; skin graft	sp gr	specific gravity
SGA	small for gestational age	SPHI	serum phosphohexoisomerase
s gl	without correction; without glasses	SPK	serum pyruvate kinase
SGGTP	serum gamma glutamyl transpeptidase	SPP	suprapubic prostatectomy
SGOT	serum glutamic oxaloacetic transaminase	SPR	scanned projection radiography
SGPT	serum glutamic pyruvic transaminase	SQ	subcutaneous
SH	serum hepatitis; sex hormone; social history	SR	sedimentation rate; stimulus response; system review
sh	shoulder	Sr	strontium
SI	saturation index	SRS	smoker's respiratory syndrome
SICU	surgical intensive care unit	ss	half
SIDS	sudden infant death syndrome	SS	signs and symptoms; Sjögren's syndrome; soap solution
SIRS	systemic inflammatory response syndrome	SSE	soap suds enema
SIS	saline infusion sonohysterography	SSU	sterile supply unit
SISI	short increment sensitivity index	ST	esotropia
SLAP	serum leucine aminopeptidase	staph	staphylococcus
SLE	St. Louis encephalitis; systemic lupus erythematosus	stat	immediately
SLND	sentinel lymph node dissection	STD	sexually transmitted disease; skin test dose
SLPS	serum lipase	STH	somatotropic hormone
SM	simple mastectomy	STK	streptokinase
sm	small	strep	streptococcus
SMA	sequential multiple analysis	STS	serologic test for syphilis
SMAC	sequential multiple analysis computer	STSG	split thickness skin graft
SMG	senile macular degeneration	subcu	subcutaneous
SMR	submucous resection	sub-Q	subcutaneous
SMRR	submucous resection and rhinoplasty	SUI	stress urinary incontinence
SNR	signal-to-noise ratio	supp	suppository
		surg	surgical; surgery
		SVC	superior vena cava

SVD	spontaneous vaginal delivery	TKO	to keep open
SVG	saphenous vein graft	TKR	total knee replacement
SVN	small volume nebulizer	TLC	tender loving care; total lung capacity
Sx	symptoms	TLE	temporal lobe epilepsy
Sz	seizure	TM	temporomandibular; tympanic membrane
T		TMD	temporomandibular disease; temporomandibular disorder
T	temperature	TMJ	temporomandibular joint
T1-T12	thoracic vertebrae	TMs	tympanic membranes
TA	therapeutic abortion	Tn	normal intraocular tension
T & A	tonsillectomy and adenoidectomy	TND	term normal delivery
tab	tablet	TNF	tumor necrosis factor
TAB	therapeutic abortion	TNI	total nodal irradiation
TACT	target air-enema computed tomography	TNM	tumor, nodes, metastases
TAF	tumor angiogenesis factor	TO	telephone order
TAH	total abdominal hysterectomy	top	topically
TAO	thromboangiitis obliterans	TP	testosterone propionate; total protein
TB	tuberculosis	TPA	tissue plasminogen activator; <i>Treponema pallidum</i> agglutination
TBD	total body density	TPBF	total pulmonary blood flow
TBF	total body fat	TPI	<i>Treponema pallidum</i> immobilization
TBG	thyroxine-binding globulin	TPN	total parenteral nutrition
TBI	thyroxine-binding index	TPR	temperature, pulse, respiration
TBW	total body weight	TPUR	transperineal urethral resection
Tc	technetium	tr	tincture
TCD	transcranial doppler	TR	tuberculin residue
TCDB	turn, cough, deep breathe	trach	tracheostomy
TCP	time care profile	TRBF	total renal blood flow
TD	total disability	TRH	thyrotropin-releasing hormone
TDM	therapeutic drug monitoring	TS	Tourette syndrome
TDT	tone decay test	TSD	Tay-Sachs disease
TEE	transesophageal echocardiography	TSE	testicular self-examination
temp	temperature	TSH	thyroid-stimulating hormone
TEN	toxic epidermal necrolysis	TSP	total serum protein
TENS	transcutaneous electrical nerve stimulation	TSS	toxic shock syndrome
TES	treadmill exercise score	TST	tuberculin skin test
TF	tactile fremitus	TT	thrombin time
TFS	thyroid function studies	TTH	thyrotropic hormone
TGA	transposition of great arteries	TULIP	transurethral ultrasound-guided laser-induced proctectomy
THR	total hip replacement	TUMT	transurethral microwave therapy
TIA	transient ischemic attack	TUR	transurethral resection
TIA-IR	transient ischemic attack incomplete recovery	TURP	transurethral resection of prostate; prostatectomy
TIBC	total iron-binding capacity	TV	tidal volume; tricuspid valve
TID, tid, t.i.d.	times interval difference; three times a day		
tinct	tincture		

TVH	total vaginal hysterectomy	VCG	vectorcardiogram
TW	tap water	VCUG	voiding cystourethrogram
TWE	tap water enema	VD	venereal disease
Tx	traction; treatment	VDG	venereal disease, gonorrhea
U		VDH	valvular disease of heart
U	units	VDRL	Venereal Disease Research Laboratory
UA	urinalysis	VDS	venereal disease, syphilis
UC	ulcerative colitis; urine culture; uterine contractions	VE	visual efficiency
UCD	usual childhood diseases	VEP	visual evoked potential
UCG	urinary chorionic gonadotropin; uterine chorionic gonadotropin	VER	visual evoked response
UCR	unconditioned reflex	VF	visual field; vocal fremitus
UE	upper extremity	V fib	ventricular fibrillation
UFR	uroflowmeter; uroflowmetry	VG	ventricular gallop
UG	upper gastrointestinal; urogenital	VH	vaginal hysterectomy
UGI	upper gastrointestinal	VHD	valvular heart disease; ventricular heart disease
UK	unknown	VI	volume index
UL	upper lobe	vit cap	vital capacity
ULQ	upper left quadrant	VLDL	very-low-density lipoprotein
umb	umbilicus	VP	venipuncture; venous pressure
UN	urea nitrogen	V & P	vagotomy and pyloroplasty
ung	ointment	VPC	ventricular premature contraction
UOQ	upper outer quadrant	VPRC	volume of packed red cells
UP	uroporphyrin	VS, vs	vital signs
UPP	urethral pressure profile	VSD	ventricular septal defect
UR	upper respiratory	VIAs	vascular targeting agents
ur	urine	VZV	varicella-zoster virus (chickenpox)
URD	upper respiratory disease	W	
URI	upper respiratory infection	W	water
urol	urology	WA	while awake
URQ	upper right quadrant	WB	weight-bearing; whole blood
US	ultrasonic; ultrasonography	WBC	white blood cell; white blood count
USP	United States Pharmacopeia	W/C, w/c	wheelchair
UTI	urinary tract infection	wd	wound
UV	ultraviolet	WD, w/d	well-developed
UVJ	ureterovesical junction	WDWN	well-developed, well-nourished
V		wf	white female
VA	vacuum aspiration; visual acuity	w/n	well nourished
vag	vaginal	WNL	within normal limits
VB	viable birth	w/o	without
VBAC	vaginal birth after cesarean	WR, W.r.	Wassermann reaction
VBP	ventricular premature beat	wt	weight
VC	acuity of color vision; vena cava; vital capacity	w/v	weight by volume

X		Y	
x	multiplied by; times	y/o	year(s) old
XDP	xeroderma pigmentosum	YOB	year of birth
XM	cross-match	yr	year
XR	x-ray		
XI	exotropia	Z	
XU	excretory urogram	Z	atomic number; no effect; zero