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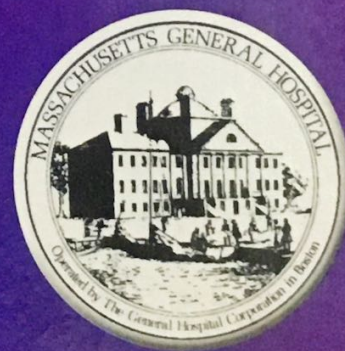
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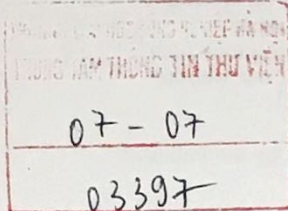
Primer of
**DIAGNOSTIC
IMAGING**

Fifth Edition



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MOSBY

PRIMER OF *Diagnostic Imaging*



FIFTH EDITION



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Abbreviations

5-HIAA	5-hydroxyindoleacetic acid	ASD	airspace disease; atrial septal defect
AA	aortic arch	ASNR	American Society of Neuroradiology
A-a	alveolar-arterial Po_2 difference	ATN	acute tubular necrosis
AAA	abdominal aortic aneurysm	AV	arteriovenous; atrioventricular
ABC	aneurysmal bone cyst	AVF	arteriovenous fistula
ABPA	allergic bronchopulmonary aspergillosis	AVM	arteriovenous malformation
ABS	amniotic band syndrome	AVN	avascular necrosis
AC	abdominal circumference; acromioclavicular; alternating current	AZV	azygos vein
ACA	anterior cerebral artery	BI	Billroth I
ACC	agenesis of corpus callosum	BII	Billroth II
ACL	anterior cruciate ligament	BAC	bronchoalveolar carcinoma
ACLS	advanced cardiac life support	BAI	basion-axial interval
ACOM	anterior communicating (artery)	BBB	blood-brain barrier
ACR	American College of Radiology	BBBD	blood-brain barrier disruption
ACT	activated clotting time	BCDDP	Breast Cancer Detection Demonstration Program
ACTH	adrenocorticotrophic hormone	BCP	basic calcium phosphate
AD	abdominal diameter; autosomal dominant; average distance	BCS	Budd-Chiari syndrome
ADC	apparent diffusion coefficient	BE	barium enema
ADEM	acute disseminated encephalomyelitis	BF	Bucky factor
ADH	antidiuretic hormone	BFM	bronchopulmonary foregut malformation
AFB	aortofemoral bypass	BGO	bismuth germanate
AFI	amniotic fluid index	β-HCG	beta-human chorionic gonadotropin
AFL	air-fluid level	BIP	bronchiolitis obliterans interstitial pneumonitis
AFP	alpha-fetoprotein	BIRADS	Breast Imaging Reporting and Data System
AFV	amniotic fluid volume	BLC	benign lymphoepithelial cyst
AHA	American Heart Association	BOOP	bronchiolitis obliterans and organizing pneumonia
AHD	acquired heart disease	BP	blood pressure
AI	aortic insufficiency	BPD	biparietal diameter; bronchopulmonary dysplasia
AICA	anterior inferior cerebellar artery	BPF	bronchopleural fistula
AICD	automatic implantable cardioverter- defibrillator	BPH	benign prostatic hyperplasia
AICV	anterior intercostal vein	BPM	beats per minute
AIDS	acquired immunodeficiency syndrome	BPOP	bizarre parosteal osteochondromatous proliferation
AIP	acute interstitial pneumonia	BPP	biophysical profile
ALD	adrenoleukodystrophy	Bq	becquerel
ALS	amyotrophic lateral sclerosis	BRBPR	bright red blood per rectum
AM	abnormal motility		
AMI	acute myocardial infarction	C-section	cesarean section
AML	angiomyolipoma; anterior mitral leaflet	C-spine	cervical spine
amu	atomic mass unit	CA	carcinoma
ANCA	antineutrophil cytoplasmic antibody	CABG	coronary artery bypass graft
AP	anteroposterior	CAD	coronary artery disease
APKD	adult polycystic kidney disease	CAH	chronic active hepatitis
APUD	amine precursor uptake and decarboxylation	CAPD	chronic ambulatory peritoneal dialysis
AR	autosomal recessive	CBD	common bile duct
ARDS	acute respiratory distress syndrome	CBF	cerebral blood flow
ARKD	autosomal recessive kidney disease	CBV	cerebral blood volume
ARPKD	autosomal recessive polycystic kidney disease	CC	corneal clouding; craniocaudad; craniocaudal
AS	ankylosing spondylitis; aortic stenosis		
ASA	anterior spinal artery		

CCA	common carotid artery	3D	three-dimensional
CCAM	congenital cystic adenoid malformation	D-TGA	complete transposition of great arteries
CCF	carotid-cavernous sinus fistula	DA	double arch
CCK	cholecystokinin	DAI	diffuse axonal injury
CPPD	calcium pyrophosphate dihydrate	DC	direct current
CCU	coronary care unit	DCIS	ductal carcinoma in situ
CD	cystic duct	DDH	developmental dysplasia of the hip
CD4	cluster designation 4 antigen	DDX	differential diagnosis
CDH	congenital diaphragmatic hernia; congenital dislocation of the hip	DES	diethylstilbestrol; diffuse esophageal spasm
CDI	color Doppler imaging	DFTN	diffuse fold thickening with fine nodularity
CEA	carcinoembryonic antigen	DIC	disseminated intravascular coagulation
CECT	contrast-enhanced computed tomography	DIP	desquamative interstitial pneumonitis; distal interphalangeal (joint)
CFA	common femoral artery; cryptogenic fibrosing alveolitis	DISH	diffuse idiopathic skeletal hyperostosis
CHA	calcium hydroxyapatite; common hepatic artery	DISI	dorsal intercalated segment instability
CHD	common hepatic duct; congenital heart disease	DJD	degenerative joint disease
CHF	congestive heart failure	DM	diabetes mellitus
Cho	choline	DNA	deoxyribonucleic acid
CHP	chronic hypersensitivity pneumonitis	DNET	dysembryoplastic neuroepithelial tumor
CI	cardiothoracic index	DORV	double-outlet right ventricle
Gi	Curie	DRE	digital rectal examination
CIDP	chronic inflammatory demyelinating polyneuropathy	DSA	digital subtraction angiography
CLC	corpus luteum cyst	DTPA	diethylenetriaminepentaacetic acid
CMC	carpometacarpal (joint)	DU	deep ulcer(s)
CMD	corticomedullary differentiation	DVT	deep vein thrombosis
CMV	cytomegalovirus	DW	Dandy-Walker
CN	cranial nerve	DWI	diffusion-weighted imaging
CNS	central nervous system	E	exposure
COP	cryptogenic organizing pneumonia	EA	esophageal atresia
COPD	chronic obstructive pulmonary disease	EAC	external auditory canal
CP	cerebellopontine; choroid plexus	EBV	Epstein-Barr virus
CPA	cerebellopontine angle	ECA	external carotid artery
CPAP	continuous positive airway pressure	ECD	endocardial cushion defect
CPM	central pontine myelinosis	ECF	extracellular fluid
cpm	counts per minute	ECG	electrocardiogram
CPPD	calcium pyrophosphate dihydrate	ECMO	extracorporeal membrane oxygenation
cps	counts per second	EDH	epidural hematoma
Cr	creatinine/phosphocreatine	EDV	end-diastolic volume
CREST	calcinosis, Raynaud's, esophageal dysmotility, sclerodactyly, telangiectasia (syndrome)	EF	ejection fraction
CRL	crown-rump length	EFW	estimated fetal weight
CSF	cerebrospinal fluid	EG	eosinophilic granuloma
CSP	corrected sinusoidal pressure	EGA	estimated gestational age
CT	computed tomography	ENT	ear, nose, throat
CTA	computed tomographic angiography	EPA	Environmental Protection Agency
CTAP	computed tomographic arterial portography	ERCP	endoscopic retrograde cholangiopancreatography
CTP	computed tomographic perfusion	ERPF	effective renal plasma flow
CTV	computed tomographic venography	ERV	expiratory reserve volume
CU	clinical unit	ESR	erythrocyte sedimentation rate
CVA	cerebrovascular accident	ESV	end-systolic volume
CVS	calcium volume score; chorionic villus sampling	ET	endotracheal tube
CWP	coal workers' pneumoconiosis	ETL	echo train length
CXR	chest radiograph	eV	electron volt
D	dilatation	EXP	exponential
2D	two-dimensional	FAPS	familial adenomatous polyposis syndrome
		FCD	fibrous cortical defect
		FD	filling defect
		FDA	Food and Drug Administration
		FDG	fluorodeoxyglucose
		FEV	forced expiratory volume

FIGO	International Federation of Gynecology and Obstetrics	HOCA	high-osmolar contrast agent
FL	femur length	HPF	high-power field
FLAIR	fluid-attenuated inversion recovery	HPO	hypertrophic pulmonary osteoarthropathy
FMC	focal myometrial contraction	HPS	hypertrophic pyloric stenosis
FMD	fibromuscular dysplasia	HPT	hyperparathyroidism
FNA	fine-needle aspiration	HR	heart rate
FNH	focal nodular hyperplasia	hr	hour
FOD	focal spot-object distance	HRCT	high-resolution computed tomography
FOV	field of view	HS	hepatosplenomegaly
FRC	functional residual capacity	HSA	human serum albumin
FS	focal spot; fractional shortening	HSG	hysterosalpingogram
FSE	fast spin echo	HSV	herpes simplex virus
FSH	follicle-stimulating hormone	HTLV	human T-cell lymphotropic virus
FTA-ABS	fluorescent treponemal antibody absorption (test)	HTN	hypertension
FUO	fever of unknown origin	HU	heat unit; Hounsfield unit
FWHM	full width at half maximum	HVA	homovanillic acid
		HVL	half-value layer
Ga	gallium	IA	intraarterial
GB	gallbladder	IAA	interruption of aortic arch
GBM	glioblastoma multiforme	IABP	intraaortic balloon pump
GBPS	gated blood pool study	IAC	internal auditory canal
GCT	giant cell tumor	IBD	inflammatory bowel disease
Gd	gadolinium	ICA	internal carotid artery
GDA	gastroduodenal artery	ICRP	International Commission on Radiological Protection
GE	gastroesophageal	ICU	intensive care unit
GEJ	gastroesophageal junction	ICV	internal cerebral vein
GFR	glomerular filtration rate	ID	information density; inner diameter
GH	growth hormone	IDA	iminodiacetic acid
GI	gastrointestinal	IG	immunoglobulin
GIP	giant cell interstitial pneumonia	IgG	immunoglobulin G
GIST	gastrointestinal stromal tumor	IHF	immune hydrops fetalis
glut	glucose transporter	IHSS	idiopathic hypertrophic subaortic stenosis
GM	gray matter	IJV	internal jugular vein
GnRH	gonadotropin-releasing hormone	IL-2	interleukin-2
GRE	gradient-recalled echo	ILO	International Labor Organization
GSD	genetically significant dose	ILT	inferolateral trunk
GTD	gestational trophoblastic disease	IMA	inferior mesenteric artery
GU	genitourinary	IMV	internal mammary vein
GVH	graft-versus-host (disease)	INF	inferior
GWM	gray-white matter	INH	isoniazid
H	height	INSS	International Neuroblastoma Staging System
HA	hepatic artery	IPF	idiopathic pulmonary fibrosis
HAZV	hemiazygos vein	IPH	idiopathic pulmonary hemorrhage
Hb	hemoglobin	IPKD	infantile polycystic kidney disease
HbAS	sickle cell trait	IPMT	intraductal papillary mucinous tumor
HbSS	sickle cell disease	IQ	intelligence quotient
HC	head circumference	IRV	inspiratory reserve volume
HCC	hepatocellular carcinoma	IUD	intrauterine device
HCG	human chorionic gonadotropin	IUGR	intrauterine growth retardation
HD	Hurter and Driffield (curve)	IUP	intrauterine pregnancy
HGH	human growth hormone	IV	intravenous
HIDA	hepatic iminodiacetic acid derivative	IVC	inferior vena cava
HIP	health insurance plan	IVDA	intravenous drug abuse(r)
HIV	human immunodeficiency virus	IVP	intravenous pyelogram
HLA	human leukocyte antigen	IVS	interventricular septum
HLHS	hypoplastic left heart syndrome	JRA	juvenile rheumatoid arthritis
HMD	hyaline membrane disease		
HMDP	hydroxymethylene diphosphonate	keV	kilo electron volt
HMPAO	hexamethylpropyleneamine oxime	KS	Kaposi sarcoma

KUB	kidney, urethra, bladder
kVp	kilovolt (peak)
L	left; length
L-TGA	corrected transposition of great arteries
LA	left atrium
LAD	left anterior descending (artery)
LAE	left atrial enlargement
LAM	lymphangioleiomyomatosis
LAO	left anterior oblique
LATS	long-acting thyroid-stimulating (factor)
LBBS	left bundle branch block
LBWC	limb/body wall complex
LCA	left carotid artery; left coronary artery
LCIS	lobular carcinoma in situ
LCL	lateral collateral ligament
LCNEC	large cell neuroendocrine carcinoma
LCP	Legg-Calvé-Perthes (disease)
LCx	left circumflex (artery)
LD	lymphocyte depleted (Hodgkin lymphoma)
LD₅₀	lethal dose, 50%
LDH	lactate dehydrogenase
LEJV	left external jugular vein
LES	lower esophageal sphincter
LET	linear energy transfer
LFT	liver function test
LGA	large for gestational age; left gastric artery
LH	luteinizing hormone
LHA	left hepatic artery
LHD	left hepatic duct
LIJV	left internal jugular vein
LIMA	left internal mammary artery
LIMV	left internal mammary vein
LIP	lymphocytic interstitial pneumonia
LIQ	low intelligence quotient
LL	lower lobe
LLI	left lateral inferior
LLL	left lower lobe
LLS	left lateral superior
LM	lateromedial
LMB	left mainstem bronchus
LMI	left medial inferior
LMP	last menstrual period
LMS	left medial superior
LN	lymph node
LOCA	low-osmolar contrast agent
LP	lymphocyte predominant (Hodgkin lymphoma)
LPA	left pulmonary artery
LPM	anterolateral papillary muscle
LPO	left posterior oblique
LPV	left portal vein
L-R shunt	left-to-right shunt
LSA	left subclavian artery
LSCV	left subclavian vein
LSICV	left superior intercostal vein
LSMFT	liposclerosing myxofibrous tumor
LTV	lateral thoracic vein
LUL	left upper lobe
LUQ	left upper quadrant
LUS	lower uterine segment

LV	left ventricle
LVA	left vertebral artery
LVE	left ventricular enlargement
LVEF	left ventricular ejection fraction
LVH	left ventricular hypertrophy
mA	milliampere
MA	meconium aspiration; mesenteric adenopathy
MAA	macroaggregated albumin
Mab	monoclonal antibody
MAG	methyl-acetyl-gly
MAG3	methyl-acetyl-gly-gly-gly
MAI	<i>Mycobacterium avium-intracellulare</i>
MALT	mucosa-associated lymphoid tissue
MAOI	monoamine oxidase inhibitor
MAP	maximum-a-posteriori
mAs	milliampere second
MBq	megabecquerel
MC	mixed cellularity (Hodgkin lymphoma)
MCA	middle cerebral artery
MCD	medullary cystic disease
MCDK	multicystic dysplastic kidney
mCi	millicurie
∞Ci	microcurie
MCL	medial collateral ligament
MCTD	mixed connective tissue disease
MCV	middle cerebral vein
MD	monochorionic, diamniotic (twins)
MDA	metaphyseal-diaphyseal angle
MDCT	multidetector computed tomography
MDP	methylene diphosphonate
MELAS	mitochondrial myopathy, encephalopathy, lactic acidosis, stroke-like episodes (syndrome)
MEN	multiple endocrine neoplasia
MERRF	myoclonic epilepsy with ragged red fibers (syndrome)
MeV	megaelectron volt
MFH	malignant fibrous histiocytoma
MGH	Massachusetts General Hospital
MI	myocardial infarction
MIBG	metaiodobenzylguanidine
MIBI	methoxyisobutyl isonitrile
MIP	maximum-intensity projection
ML	mediolateral
MLCN	multilocular cystic nephroma
MLD	maximum transverse diameter to the left from midline
MLEM	maximum likelihood expectation maximization
MLO	mediolateral oblique
MM	monoamniotic, monochorionic (twins)
MNG	multinodular goiter
mo	month
MOCE	multiple osteocartilaginous exostoses
MOM	multiples of median
MPA	main pulmonary artery
MPD	maximum permissible dose
MPM	posteromedial papillary muscle
MPV	main portal vein
mR	milliroentgen

MR	magnetic resonance	OMC	osteomeatal complex
MRA	magnetic resonance angiography	ORIF	open reduction and internal fixation
MRCP	magnetic resonance cholangiopancreatography	OSA	osteosarcoma
MRD	maximum transverse diameter to the right from midline	OSEM	ordered set expectation maximization
MRI	magnetic resonance imaging	PA	posteroanterior; pulmonary artery
MRS	magnetic resonance spectroscopy	PAC	premature atrial contraction
MRSA	methicillin-resistant <i>Staphylococcus aureus</i>	PAH	pulmonary arterial hypertension
MRV	magnetic resonance venography	PAN	polyarteritis nodosa
MS	multiple sclerosis	PAPVC	partial anomalous pulmonary venous connection
MSAFP	maternal serum alpha-fetoprotein	PAVM	pulmonary arteriovenous malformation
MSD	mean sac diameter	PC	phase contrast
MT	magnetization transfer	PCA	posterior cerebral artery
MTB	<i>Mycobacterium tuberculosis</i>	PCL	posterior cruciate ligament
MTF	modulation transfer function	PCN	percutaneous nephrostomy
MTP	metatarsal phalangeal (joint)	PCNSL	primary central nervous system lymphoma
MTT	mean transit time	PCO	polycystic ovary
MVA	motor vehicle accident	PCOM	posterior communicating (artery)
MW	molecular weight	PCP	<i>Pneumocystis</i> pneumonia
NAA	N-acetyl aspartate	PD	pancreatic duct
nCi	nanocurie	PDA	patent ductus arteriosus
NCRP	National Council on Radiation Protection	PDW	proton density weighted
NEMA	National Electrical Manufacturers Association	PE	photoelectric effect; pulmonary embolism
NEMD	nonspecific esophageal motility disorder(s)	PEEP	positive end-expiratory pressure
NEC	necrotizing enterocolitis	PET	positron emission tomography
NEX	number of averages	PFA	profunda femoral artery
NF	neurofibromatosis	PFC	persistent fetal circulation
NF1	neurofibromatosis type 1	PGE₁	prostaglandin E-1
NF2	neurofibromatosis type 2	PHA	pulse height analyzer
NG	nasogastric	PHPV	persistent hyperplastic primary vitreous
NH	nonhereditary	PHS	pulse height selector
NHL	non-Hodgkin lymphoma	PI	pulsatility index
NIDDM	non-insulin-dependent diabetes mellitus	PICA	posterior inferior cerebellar artery
NIH	National Institutes of Health	PICV	posterior intercostal vein
NIHF	nonimmune hydrops fetalis	PID	pelvic inflammatory disease
NOF	nonossifying fibroma	PIE	pulmonary infiltrates with eosinophilia; pulmonary interstitial emphysema
NOS	not otherwise specified	PIOPED	prospective investigation of pulmonary embolus detection
NP	neonatal pneumonia	PIP	postinflammatory polyp; proximal interphalangeal (joint)
NPH	normal-pressure hydrocephalus	PKU	phenylketonuria
NPO	nil per os (fasting)	PLN	projected length of needle
NRC	Nuclear Regulatory Commission	PLPN	projected length to pull back needle
NS	nodular sclerosing (Hodgkin lymphoma)	PM	photomultiplier (tube)
NSA	number of signals averaged	PMC	pseudomembranous colitis
NSAID	nonsteroidal antiinflammatory drug	PMF	progressive massive fibrosis
NSIP	nonspecific interstitial pneumonia	PMHR	predicted maximum heart rate
NTD	neural tube defect	PML	posterior mitral leaflet; progressive multifocal leukoencephalopathy
NTMB	nontuberculous mycobacteria	PMMA	polymethylmethacrylate
OA	osteoarthritis	PMT	photomultiplier tube
OC	oral contraceptive	PNET	primitive neuroectodermal tumor
OCH	Oriental cholangiohepatitis	PO	orally (per os)
OD	once daily; optical density; outer diameter	Po₂	partial pressure of oxygen
ODD	object-detector distance	post.	posterior
OEIS	omphalocele, exstrophy, imperforate anus, special anomaly	ppm	parts per million
OFD	occipitofrontal diameter	PRF	pulse repetition frequency
OI	osteogenesis imperfecta	PRL	prolactin
OIC	osteogenesis imperfecta congenita	PROM	premature rupture of membranes
OIT	osteogenesis imperfecta tarda	PSA	prostate-specific antigen

PSMA	prostate-specific membrane antigen	RMB	right mainstem bronchus
PSPMT	pulse spray pharmacomechanical thrombolysis	RML	right middle lobe
PSS	progressive systemic sclerosis	RNA	ribonucleic acid
PT	prothrombin time	ROI	range of interest
PTA	percutaneous transluminal angioplasty	rPA	ratio of pulmonary artery diameter to aortic diameter
PTCA	percutaneous transluminal coronary angioplasty	RPI	right posterior inferior
PTD	posttransplantation lymphoproliferative disorder	RPN	renal papillary necrosis
PTFE	polytetrafluoroethylene	RPO	right posterior oblique
PTH	parathormone	RPS	right posterior superior
PTLD	posttransplantation lymphoproliferative disorder	RPV	right portal vein
PTT	partial thromboplastin time	RSA	right subclavian artery
PTU	propylthiouracil	RSCV	right subclavian vein
PUD	peptic ulcer disease	RSV	respiratory syncytial virus
PUL	percutaneous ureterolithotomy	RT	radiotherapy
PUV	posterior urethral valve	RTA	renal tubular acidosis
PV	portal vein	RTV	right thoracic vein
PVA	polyvinyl alcohol	r-tPA	recombinant tissue plasminogen activator
PVC	premature ventricular contraction	RUL	right upper lobe
PVH	pulmonary venous hypertension	RUQ	right upper quadrant
PVNS	pigmented villonodular synovitis	RV	reserve volume; right ventricle
PVOD	pulmonary venoocclusive disease	RVA	right vertebral artery
PVP	portal venous phase	RVEF	right ventricular ejection fraction
PWI	perfusion-weighted imaging	RVT	renal vein thrombosis
PWMA	periventricular white matter abnormality		
QA	quality assurance	S/P	status post
qid	four times daily	SA	sinoatrial; subclavian artery
R	range; right	SAH	subarachnoid hemorrhage
RA	right atrium; rheumatoid arthritis	SB	small bowel
RAI	right anterior inferior	SBFT	small bowel follow-through
RAIU	radioactive iodine uptake	SBO	small bowel obstruction
RAO	right anterior oblique	SC	subcutaneous
RAS	renal artery stenosis; right anterior superior	SCA	superior cerebellar artery
RB-ILD	respiratory bronchiolitis-associated interstitial lung disease	SCC	squamous cell carcinoma
RBBB	right bundle branch block	SCFE	slipped capital femoral epiphysis
RBC	red blood cell(s) (count)	SCLS	small cell lung cancer
RBE	relative biologic effectiveness	SD	standard deviation
RCA	right carotid artery; right coronary artery	SDAT	senile dementia, Alzheimer type
RCC	renal cell carcinoma	SDH	subdural hematoma
RCV	red cell volume	SE	spin echo
RDS	respiratory distress syndrome	seg.	segment
REJV	right external jugular vein	SFA	superficial femoral artery
RES	reticuloendothelial system	SGA	small for gestational age
RF	radiofrequency; rheumatoid factor	SGOT	serum glutamic-oxaloacetic transaminase
RGA	right gastric artery	SI	sacroiliac; signal intensity
Rh	rhesus (factor)	SIN	salpingitis isthmica nodosa
RHA	right hepatic artery	SK	streptokinase
RHD	right hepatic duct	SL	sublingual
RI	resistive index	SLAC	scapholunate advanced collapse
RIJV	right internal jugular vein	SLE	systemic lupus erythematosus
RIMA	right internal mammary artery	SMA	superior mesenteric artery
RIMV	right internal mammary vein	SMV	superior mesenteric vein
RIND	reversible ischemic neurologic deficit	SNR	signal-to-noise ratio
R-L shunt	right-to-left shunt	SPECT	single photon emission computed tomography
RLL	right lower lobe	SPGR	spoiled gradient-echo
RLQ	right lower quadrant	SPIO	superparamagnetic iron oxide
		SSFSE	single-shot fast spin echo
		ST	ST complex on ECG
		STIR	short tau inversion recovery
		STT	scaphotrapezotrapezoid
		SU	superficial ulcer(s)

sup.	superior	UC	ulcerative colitis
SUV	standardized uptake value	UCD	uremic cystic disease
SVC	superior vena cava	UGI	upper gastrointestinal
T	tesla; thalamus; time	UIP	usual interstitial pneumonia
T1W	T1-weighted (images)	UK	urokinase
T2W	T2-weighted (images)	UL	upper lobe
T3	triiodothyronine	UPJ	ureteropelvic junction
T4	thyroxine	US	ultrasound
TA	truncus arteriosus	U.S.	United States
TAPVC	total anomalous pulmonary venous connection	USPIO	ultrasmall superparamagnetic iron oxide
TAPVR	total anomalous pulmonary venous return	UTI	urinary tract infection
TAR	thrombocytopenia-absent radius (syndrome)	UV	ultraviolet; umbilical vein
TAS	transabdominal ultrasound	UVJ	ureterovesical junction
TB	tuberculosis	VA	vertebral artery
TBI	traumatic brain injury	VACTERL	vertebral body, anal, cardiovascular, tracheoesophageal, renal, limb anomalies (association)
TCC	transitional cell cancer	VATS	video-assisted thorascopic surgery
TD	tolerance dose	VC	vital capacity
TDL	true depth of lesion	VCUG	voiding cystourethrogram
TDLU	terminal duct lobular unit	VDRL	Venereal Disease Research Laboratory
TE	echo time	VHL	von Hippel-Lindau (disease)
TEE	transesophageal echocardiography	VISI	volar intercalated segment instability
TEF	tracheoesophageal fistula	VMA	vanillylmandelic acid
TF	thickened folds	VP	ventriculoperitoneal
TFA	tibiofemoral angle	V/Q	ventilation/perfusion
TFCC	triangular fibrocartilage complex	VR	Virchow-Robin (space)
TFN	thickened folds with nodularity	VRE	vancomycin-resistant enterococcus
TGA	transposition of great arteries	VSD	ventricular septal defect
TGC	time-gain compensator	VUR	vesicoureteral reflux
THR	total hip replacement	VZ	varicella zoster
TI	terminal ileum	W	width
TIPS	transjugular intrahepatic portosystemic shunt	WBC	white blood cell(s) (count)
TKR	total knee replacement	WES	wall-echo-shadow (triad)
TLA	translumbar approach	WHO	World Health Organization
TLC	total lung capacity	WM	white matter
TLN	true length of needle	WPW	Wolf-Parkinson-White (syndrome)
TLPN	true length to pull back needle	w/w	weight (of solute) per weight (of total solvent)
TM	tympanic membrane	XCCL	exaggerated craniocaudal
TMC	toxic megacolon	XGP	xanthogranulomatous pyelonephritis
TMJ	temporomandibular joint	yr	year
TNM	tumor-node-metastases	Z	atomic number
TOA	tuboovarian abscess	Symbols	
TOF	time of flight	<	less (common) than
TORCH	toxoplasmosis, rubella, cytomegalovirus, herpes simplex virus (syndrome)	<<	much less (common) than
tPA	tissue plasminogen activator	≤	less than or equal to
TPN	total parenteral nutrition	>	more (common) than
TPO	tracheopathia osteoplastica	>>	much more (common) than
TR	repetition interval	≥	greater than or equal to
TRAPS	twin reversal arterial perfusion sequence	→	leads to
TRUS	transrectal ultrasound	∅	normal, unchanged
TSH	thyroid-stimulating hormone	↑	increased
TTN	transient tachypnea of the newborn	↓	decreased
TURP	transurethral resection of prostate		
TV	tidal volume; transvaginal		
TVS	transvaginal sonography		
UA	umbilical artery		
UBC	unicameral bone cyst		

Please check entire *Primer* for additional abbreviations not listed above

Chest Imaging

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Imaging Anatomy

GROSS LUNG ANATOMY

SEGMENTAL ANATOMY (Figs. 1-1 and 1-2)

Right Lung

Upper lobe	Apical	B1
	Anterior	B2
	Posterior	B3
Middle lobe	Lateral	B4
	Medial	B5

Lower lobe

Superior	B6
Medial basal	B7
Anterior basal	B8
Lateral basal	B9
Posterior basal	B10

Left Lung

Upper lobe

Upper	Apicoposterior	B1, 3
	Anterior	B2
Lingula	Superior	B4
	Inferior	B5
Lower lobe	Superior	B6