

Acceptable Anatomic and Clinical Pathology Abbreviations

(Updated February 2024)

25I-NBOMe	derivative of the phenethylamine hallucinogen 2C-I (N-bomb, Smiles, 25I, 25C, 25B)
5FU	fluorouracil
ABN	advanced beneficiary notice
ACE inhibitors	angiotensin converting enzyme inhibitors
aCGH	array comparative genomic hybridization
ACGME	Accreditation Council for Graduate Medical Education
ACLS	advanced cardiovascular life support
ACMG	American College of Medical Genetics and Genomics
ACO	accountable care organization
ACTH	adrenocorticotrophic hormone
ADAMTS13	a disintegrin & metalloprotease with a thrombospondin type 1 motif, member 13
ADH	antidiuretic hormone
ADP	adenosine diphosphate
AFB	acid-fast bacilli
AFIS	Automated Fingerprint Identification System
AFP	alpha fetoprotein
AGC	atypical glandular cells
AGEP	acute generalized exanthematous pustulosis
AHF	antihemophilia factor
AHG	antihuman globulin
AIDS	acquired immunodeficiency syndrome
AIS	adenocarcinoma in situ
AJCC	American Joint Commission on Cancer
ALCL	anaplastic large cell lymphoma
ALK	anaplastic lymphoma kinase
ALL	acute lymphoblastic leukemia
ALS	amyotrophic lateral sclerosis
ALT	alanine aminotransferase
ALTS	ASCUS/LSIL triage study
AML	acute myeloid leukemia
AMR	analytical measurement range
ANA	antinuclear antibody
ANCA	anti-neutrophil cytoplasmic autoantibody
aPTT	activated partial thromboplastin time
ARDS	acute respiratory distress syndrome
ArgDH	arginine dihydrolase (SS only)
ASAP	as soon as possible
ASC-H	atypical squamous cells, cannot rule out high grade squamous intraepithelial lesion
ASCII	American Standard Code for Information Interchange
ASCO/CAP	American Society of Clinical Oncology/College of American Pathologists
ASC-US	atypical squamous cell of undetermined significance
ASFA	American Society for Apheresis

AST	aspartate aminotransferase
ATA	American Thyroid Association
ATHENA	addressing the need for advanced HPV diagnostics
ATP	adenosine triphosphate
ATRX	alpha thalassemia/mental retardation syndrome X-linked
AUS/FLUS	atypia of undetermined significance/follicular lesion of undetermined significance
AV	atrioventricular
AVM	arteriovenous malformation
BAC	baculovirus array
BAL	bronchoalveolar lavage
BCG	Bacillus Calmette-Guérin
BCYE	buffered charcoal yeast extract
Beta-HCG	beta-human chorionic gonadotropin
BI-RADS	breast imaging reporting and data system
BMT	bone marrow transplant
BNP	B-type natriuretic peptide
BSL	biosafety level
BSO	bilateral salpingo-oophorectomy
CA 125	cancer antigen 125
CADASIL	cerebral autosomal dominant arteriopathy with subcortical infarcts & leukoencephalopathy
CAE	chloroacetate esterase
CAIX	carbonic anhydrase IX
CAMP	Christie-Atkins-Munch-Petersen test
C-ANCA	cytoplasmic anti-neutrophil cytoplasmic autoantibody
CAP	College of American Pathologists
CBC	complete blood count
CD	cluster designation
CDC	Centers for Disease Control and Prevention
CEA	carcinoembryonic antigen
cfDNA	cell free DNA
CFR	code of federal regulation
CHARGE	syndrome coloboma of the eye, heart defects, atresia of the nasal choanae, retardation of growth and/or development, genital and/or urinary abnormalities, and ear abnormalities and deafness.
CJD	Creutzfeldt Jakob disease
CK	cytokeratin
CK-MB	creatine kinase (muscle/brain type)
CLIA	Clinical Laboratory Improvement Amendments
CLL	chronic lymphocytic leukemia
CLL/SLL	chronic lymphocytic leukemia/small lymphocytic leukemia
CLSI	Clinical Lab Standards Institute
CMA	chromosomal microarray analysis
CML	chronic myelogenous leukemia

CMML	chronic myelomonocytic leukemia
CMS	Center for Medicare and Medicaid Services
CMV	cytomegalovirus
CNA	colistin nalidixic acid
CNS	central nervous system
CNV	copy number variant
CODIS	Combined DNA Index System
CONSORT	consolidated standards of reporting trials
COPD	chronic obstructive pulmonary disease
CPAM	congenital pulmonary airway malformation
CpG	CpG (?) islands
CPOE	computerized provider order entry
CPR	cardiopulmonary resuscitation
CPT	current procedural terminology
CPU	central processing unit
CREST	calcinosis, Raynaud phenomenon, esophageal dysmotility, sclerodactyly, telangiectasia
CSF	cerebrospinal fluid
CT	computerized tomography
CT or Ct	cycle threshold
ctDNA	circulating tumor DNA
CV	coefficient of variation
CXR	chest x-ray
DAT	direct antiglobulin test
DCIS	ductal carcinoma in situ
DDAVP	1-desamino-8-D-arginine vasopressin (desmopressin)
ddPCR	digital droplet PCR
DFA	direct fluorescent antibody
DHEA	dehydroepiandrosterone
DIC	disseminated intravascular coagulation
DICOM	Digital Imaging and Communications in Medicine
DLBCL	diffuse large B-cell lymphoma
D-MORT	Disaster Mortuary Operational Response Teams
DNA	deoxyribonucleic acid
DNMT3A	DNA methyltransferase 3 alpha
DRG	diagnosis related group
DRVVT	dilute Russell viper venom time
DVT	deep vein thrombosis
EBER	Epstein-Barr encoding region
EBUS	endobronchial ultrasound
EBV	Epstein Barr virus
ECC	endocervical curettage
ED	emergency department
EDTA	ethylenediaminetetraacetic acid
EEG	electroencephalogram

EGF	epidermal growth factor receptor
EHR	electronic health record
EIA	enzyme immunoassay
EKG	electrocardiogram
ELISA	enzyme-linked immunosorbent assay
EM	electron microscopy
EMA	epithelial membrane antigen
EMG	electromyography
EPA	environmental protection agency
EPO	erythropoietin
ER	estrogen receptor
ERCP	endoscopic retrograde choledochopancreatic duodenography
ERG	ETS (erythroblast transformation specific)-related gene
ES	exome sequencing
ESBL	extended spectrum beta-lactamase
ESR	erythrocyte sedimentation rate
EUS	endoscopic ultrasound
EVG	elastin van Gieson
FDA	Food and Drug Administration
FDG-PET	fluoro-deoxyglucose positron emission tomography
FFP	fresh frozen plasma
FFPE	formalin fixed paraffin embedded
FISH	fluorescence in-situ hybridization
FLI1	Friend leukemia integration 1 transcription factor
FNA	fine needle aspiration
FSH	follicle stimulating hormone
FTA-ABS	fluorescent treponemal antibody absorption test
FTE	full-time equivalent
G6PD	glucose-6-phosphate dehydrogenase
GATA3	guanine adenine thymine adenine transcription factor 3
GCDPF	gross cystic disease fluid protein
G-CSF	granulocyte colony stimulating factor
GFAP	glial fibrillary acidic protein
GFR	glomerular filtration rate
GI	gastrointestinal
GIST	gastrointestinal stromal tumor
GM-CSF	granulocyte-macrophage colony-stimulating factor
GMS	Grocott-Gomori methenamine silver
GP	glycoprotein
GS	genome sequencing
GVHD	graft vs. host disease
H&E	hematoxylin and eosin
H1 & H2	histamine 1 & 2
HAART	highly active antiretroviral therapy

HACEK	Haemophilus aphrophilus, Actinobacillus actinomycetemcomitans, Cardiobacterium hominis, Eikenella corrodens, and Kingella
Hb or Hgb	hemoglobin
HbF	hemoglobin F
HbS	hemoglobin S
HBV	hepatitis B virus
HbX etc.	hemoglobin A1c, C, D, E, S, etc.
HCC	hepatocellular carcinoma
hCG	human chorionic gonatotropin
HCT	hematocrit
HCV	hepatitis C virus
HDFN	hemolytic disease of the fetus and newborn
HDL	high density lipoprotein cholesterol
HELLP	hemolysis, elevated liver enzymes, low platelets
Hep Par-1	hepatocyte paraffin-1
HGB	hemoglobin
HGNC	HUGO Gene Nomenclature Committee
HGVS	Human Genome Variation Society
HHS	Health & Human Services
HHV	human herpes virus
Hib	Haemophilus influenzae, serotype b
HIPAA	Health Insurance Portability and Accountability Act
HIS	hospital information system
HIV	human immunodeficiency virus
HL7	Health Level 7
HLA	human leukocyte antigen
HMO	health maintenance organization
HPA	human platelet antigen
HPC	hematopoietic progenitor cell
hpf	high power field
HPLC	high-performance liquid chromatography
HPV	human papillomavirus
HSIL	high grade squamous intraepithelial lesion
HSV	herpes simplex virus
HTLV	human T-lymphotropic virus
HTML	hypertext markup language
HTTP	hypertext transfer protocol
HUS	hemolytic uremic syndrome
HVA/VMA	homovanillic acid/vanillylmandelic acid
ICC	International Consensus Classification
ICD	International Classification of Diseases
ICD-10	international classification of diseases version 10
ICP	inductively coupled plasma
ICU	intensive care unit

IDL	intermediate density lipoprotein cholesterol
IgA	immunoglobulin A
IgD	immunoglobulin D
IgE	immunoglobulin E
IgG	immunoglobulin G
IgH	immunoglobulin heavy chain
IgM	immunoglobulin M
IGRA	interferon gamma release assay
IGV	integrative genomics viewer
IHC	immunohistochemistry
IL-1 etc.	interleukin 1, 2, 3, . . . 17
ILVEN	inflammatory linear verrucous epidermal nevus
INR	international normalized ratio
INSM1	insulinoma-associated protein 1
IPEX	immunodysregulation polyendocrinopathy enteropathy x-linked syndrome
IPMN	intraductal papillary mucinous neoplasm
IQCP	individualized quality control plan
IRB	institutional review board
IS	international scale/standard
ISBT 128	international standard based on the Code 128 Barcode for the transfer of information associated with blood transfusion, cellular therapy and tissue transplantation
ISH	in-situ hybridization
ISI	international sensitivity index
ISO	international organization for standardization
IT	information technology
ITD	internal tandem duplication
ITP	immune thrombocytopenic purpura
ITS	internally transcribed spacer region
IUD	intrauterine device
IUGR	intrauterine growth restriction
IV	intravenous
IVDA	intravenous drug abuser
IVIG	intravenous immune globulin
JPEG	joint photographic experts group
K2 EDTA	K2 ethylenediaminetetraacetic acid
LAST	lower anogenital squamous terminology
LCA	leukocyte common antigen
LCIS	lobular carcinoma in situ
LC-MS/MS	liquid chromatography tandem mass spectrometry
LD	lactate dehydrogenase
LDC	lysine decarboxylase test (SS only)
LDL	low density lipoprotein cholesterol
LEEP	loop electrocautery excision procedure
LEF1	lymphoid enhancer binding factor 1

LEOPARD	lentiginos, EKG abnormality, ocular hypertelorism, pulmonary stenosis, abnormal genitalia, retarded growth, deafness (congenital syndrome)
LFB	luxol fast blue
LH	luteinizing hormone
LIS	laboratory information system
LISS	low ionic strength solution
LMP	last menstrual period
LOH	loss of heterozygosity
LOINC	Logical Observation Identifiers Names and Codes
LSIL	low grade squamous intraepithelial lesion
MALDI-TOF	matrix-assisted laser desorption-time-of-flight mass spectrometry
MALT	mucosa-associated lymphoid tissue
MASC	mamillary analogue secretory carcinoma
MCH	mean corpuscular hemoglobin
MCHC	mean corpuscular hemoglobin concentration
MCV	mean corpuscular volume
MDMA	methylenedioxymethamphetamine (ecstasy)
MDS	myelodysplastic syndrome
MDS/MPN	myelodysplastic/myeloproliferative neoplasm
MEN	multiple endocrine neoplasia
MGUS	monoclonal gammopathy of undetermined significance
MIC	minimal inhibitory concentration
miRNA	micro-RNA
MiTF	microphthalmia transcription factor
MKI	mitotic karyorrhectic index
MLL (KMT2A)	mixed lineage leukemia
MLPA	multiplex ligation-dependent probe amplification
MPN	myeloproliferative neoplasms
MPNST	malignant peripheral nerve sheath tumor
MPO	myeloperoxidase
MR	magnetic resonance
MRD	minimal residual disease
MRI	magnetic resonance imaging
mRNA	messenger ribonucleic acid
MRSA	methicillin-resistant Staphylococcus aureus
MSI	microsatellite instability
MUM-1	multiple myeloma oncogene 1
MVA	motor vehicle accident
MVC	motor vehicle collision
MYB	V-Myb Avian Myeloblastosis Viral Oncogene Homolog
N/C ratio	nuclear cytoplasmic ratio
NAAT	nucleic acid amplification test
NAME	National Association of Medical Examiners
NamUs	National Missing and Unidentified Persons System

NCIC	National Crime Information Center
NET	neuroendocrine tumor
NF	neurofibromatosis
NGS	next generation sequencing
NIBIN	National Integrated Ballistic Information Network
NIFTP	non-invasive follicular thyroid neoplasm with papillary-like nuclear features
NILM	negative for intraepithelial lesion or malignancy
NIOSH	National Institute for Occupational Safety and Health
NIPS	noninvasive prenatal screening
NIST	National Institute of Standards and Technology
NK	natural killer
NMO	neuromyelitis optica
NMP22	Nuclear Matrix Protein-22 test
NOS	not otherwise specified
NPM1	nucleophosmin gene
NSCLC	non-small cell lung cancer
NSE	nonspecific esterase
NT-ProBNP	N-terminal pro-B-type natriuretic peptide
NUT	nuclear protein in testis
NYCLAD	nylon clad bullet
ODC	ornithine decarboxylase
ONPG	2-nitrophenyl- β -D-galactopyranoside
OSHA	Occupational Safety and Health Administration
OTC	over the counter
PAMG-1	placental alpha microglobulin-1
P-ANCA	perinuclear anti-neutrophil cytoplasmic autoantibody
panCK	pancytokeratin
panNET	pancreatic neuroendocrine tumor
PAS	periodic acid-Schiff
PCR	polymerase chain reaction
PDF	portable document format
PDGFR	platelet-derived growth factor receptor
PEComa	perivascular epithelioid cell tumor
PEG	polyethylene glycol
PET	positron emission tomography
Ph chromosome	Philadelphia chromosome
PHI	protected health information
PIN	prostatic intraepithelial neoplasia
Pit1	growth hormone factor 1
PLAG1	pleomorphic adenoma gene 1
PLAP	placental alkaline phosphatase
PLEVA	pityriasis lichenoides et variolaformis acuta
Plt or PLT	platelet
PMF	primary myelofibrosis

PNET	primitive neuroectodermal tumor
PNH	paroxysmal nocturnal hemoglobinuria
PO	per os (by mouth)
POC	point of care
POEMS	polyneuropathy, organomegaly, endocrinopathy, monoclonal gammopathy, and skin changes
PPD	purified protein derivative
PR	progesterone receptor
PSA	prostate specific antigen
PSMA	prostate specific membrane antigen
PT	Prothrombin time or Proficiency testing, depending on context
PT/INR	prothrombin time/international normalized ratio
PTAH	phosphotungstic acid hematoxylin
PTC	papillary thyroid carcinoma
PTCL	peripheral T-cell lymphoma
PTH	parathyroid hormone
PTLD	post-transplant lymphoproliferative disorder
PTSD	post-traumatic stress disorder
PYR	pyrrolidonyl amidase reactivity
QA	quality assurance
QC	quality control
qPCR	quantitative PCR
RBC	red blood cell
RCC	renal cell carcinoma (where appropriate)
RDW	red cell distribution width
RFLP	restriction fragment length polymorphism
RFP	request for proposal
RhIG	Rh immune globulin
RNA	ribonucleic acid
ROC	receiver operator curve
ROSE	rapid onsite evaluation
RPM	revolutions per minute
RPMI	Roswell Park Memorial Institute medium
RPR	rapid plasma reagin
RR	reference range
rRNA	ribosomal ribonucleic acid
RSV	respiratory syncytial virus
RT-PCR	reverse transcriptase polymerase chain reaction
SBA	sheep blood agar (SS only)
SBB	specialist in blood banking
SD	standard deviation
SF1	splicing factor 1
SIADH	syndrome of inappropriate antidiuretic hormone
SIDS	sudden infant death syndrome

SLL	small lymphocytic lymphoma
SMA	smooth muscle actin
SNOMED	Systemized Nomenclature of Medicine
SNP	single nucleotide polymorphism
SPECT	single photon emission tomography
SS-A/Ro	Anti-SSA autoantibodies
SS-B/La	Anti-SSB autoantibodies
SSTR2A	somatostatin receptor 2A
STAT	from the Latin word statum, meaning 'immediately'
STR	short tandem repeat
SUDI	sudden unexpected death in infancy
SWOT	strengths, weaknesses, opportunities, threats
TACO	transfusion associated circulatory overload
TAH	total abdominal hysterectomy
TAT	turn-around time
TB	tuberculosis
TCBS agar	thiosulfate-citrate-bile salts-sucrose agar
TCR	T cell receptor
TDP-43	TAR DNA binding protein 43
TdT	terminal deoxynucleotidyl transferase
TEMPI	telangiectasias, elevated erythropoietin and erythrocytosis, monoclonal gammopathy, perinephric fluid collection, and intrapulmonary shunting
THC	Tetrahydrocannabinol
TIA1	T cell intracellular antigen 1
TIBC	total iron binding capacity
TIFF	Tagged Image File Format
TIRADS	thyroid imaging reporting and data system
TJC	The Joint Commission
TKD	tyrosine kinase domain
T _m	melting temperature
TMB	tumor mutational burden
TNF- α	tumor necrosis factor alpha
TORCH	(T)oxoplasmosis, (O)ther agents, (R)ubella, (C)ytomegalovirus, and (H)erpes simplex
TPN	total parenteral nutrition
TP-PA	treponema pallidum particle agglutination assay
TQM/CQI	total quality management/continuous quality improvement
TRALI	transfusion related acute lung injury
TSH	thyroid stimulating hormone
TSI	triple sugar iron
TTF-1	thyroid transcription factor 1
TTP	thrombotic thrombocytopenic purpura
TUR	transurethral resection
UTI	urinary tract infection

VACTERL	vertebral defects, anal atresia, cardiac defects, tracheo-esophageal fistula, renal anomalies, and limb abnormalities
VAF	variant allele frequency
VDRL	venereal disease research laboratory test
VEXAS	vacuoles, E1 enzyme, X-linked, autoinflammatory, somatic syndrome
VHL	Von Hippel-Lindau
VIN	vulvar intraepithelial neoplasia
VIPoma	vasoactive intestinal polypeptide tumor
VLDL	very low density lipoprotein cholesterol
VMA	vanillylmandelic acid
VPN	virtual private network
VWF	von Willebrand factor
VZV	varicella zoster virus
WAGR	Wilms tumour, aniridia, genitourinary anomalies, and retardation
WBC	white blood cell (count)
WHO	World Health Organization
WT1	Wilms tumor 1