

# Acceptable Anatomic and Clinical Pathology Abbreviations

(Updated January 2025)

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## #

25I-NBOMe	derivative of the phenethylamine hallucinogen 2C-I (N-bombs, Smiles, 25I, 25C, 25B)
5FU	5-fluorouracil

## A

ABN	advanced beneficiary notice
ACE	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 <i>in situ</i>
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
AMP	Association of Molecular Pathology
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
ASCI	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

## B

BAC	baculovirus array
BAL	bronchoalveolar lavage
BAP	sheep blood agar (plate)
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

BUN Blood urea nitrogen

## C

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-Peterson test  
C-ANCA cytoplasmic anti-neutrophil cytoplasmic autoantibody  
CAP College of American Pathologists  
CAR-T chimeric antigen receptor T-cell  
CBC complete blood count  
CD cluster of differentiation  
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 myeloid 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 or variation
CXR	chest x-ray

## D

DAT	direct antiglobulin test
DCIS	ductal carcinoma <i>in situ</i>
DDAVP	1-desamino-8-D-arginine vasopressin (desmopressin)
ddPCR	digital droplet polymerase chain reaction
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

## E

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

## F

FDA	Food and Drug Administration
FDG-PET	fluoro-deoxyglucose positron emission tomography
FFP	fresh frozen plasma
FFPE	formalin-fixed paraffin-embedded
FISH	fluorescence <i>in situ</i> 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

## G

G6PD	glucose-6-phosphate dehydrogenase
GATA3	guanine adenine thymine adenine transcription factor 3
GCDFP	gross cystic disease fluid protein
G-CSF	granulocyte colony stimulating factor
GFAP	glial fibrillary acidic protein
GFR	glomerular filtration rate
GGT	Gamma-glutanyl transferase
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

H&E hematoxylin and eosin  
H1 & H2 histamine 1 & 2  
HAV hepatitis A virus  
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 Gene Variation Society  
HHS Health & Human Services  
HHV human herpes virus  
Hib Haemophilus influenzae, serotype b  
HIPPA 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  
HSCT Hematopoietic stem cell transplantation  
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

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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
IGF-1	Insulin-like growth factor 1
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	<i>in situ</i> 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

## J

JPEG	joint photographic experts group
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## K

K2 EDTA	K2 ethylenediaminetetraacetic acid
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## L

LAST	lower anogenital squamous terminology
LCA	leukocyte common antigen
LCIS	lobular carcinoma <i>in situ</i>
LC-MS/MS	liquid chromatography tandem mass spectrometry
LD	lactate dehydrogenase
LDC	lysine decarboxylase test (SS only)
LDH	lactate dehydrogenase
LDL	low density lipoprotein cholesterol
LEEP	loop electrocautery excision procedure
LEF1	lymphoid enhancer binding factor 1
LEOPARD	lentigines, 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

## M

MAC	MacConkey agar
MALDI-TOF	matrix-assisted laser desorption-time-of-flight mass spectrometry
MALT	mucosa-associated lymphoid tissue



MASC	mamillary analogue secretory carcinoma
Mb	megabase
MCH	mean corpuscular hemoglobin
MCHC	mean corpuscular hemoglobin concentration
MCV	mean corpuscular volume
MDMA	methylenedioxyamphetamine (ecstasy)
MDS	myelodysplastic syndrome (ICC), myelodysplastic neoplasm (WHO)
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
mL	microliter
MLPA	multiplex ligation-dependent probe amplification
MPN	myeloproliferative neoplasms
MPNST	malignant peripheral nerve sheath tumor
MPO	myeloperoxidase
MR	magnetic resonance
MRD	measurable residual disease (formerly minimal residual disease)
MRI	magnetic resonance imaging
mRNA	messenger ribonucleic acid
MRSA	methicillin-resistance 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

N/C ratio	nuclear cytoplasmic ratio
NAAT	nucleic acid amplification
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
NICU	Neonatal Intensive Care Unit

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 enterase
NT-ProBNP	N-terminal pro-B-type natriuretic peptide
NUT	nuclear protein in testis
NYCLAD	nylon clad bullet

## O

ODC	ornithine decarboxylase
ONPG	2-nitrophenyl- $\beta$ -D-galactopyranoside
OSHA	Occupational Safety and Health Administration
OTC	over the counter

## P

PAMG-1	placental alpha microglobulin-1
P-ANCA	perinuclear anti-neutrophil cytoplasmic autoantibody
panCK	pancytokeratin
panNET	pancreatic neuroendocrine tumor
PARP	poly (ADP-ribose) polymerase
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	Pituitary-specific positive transcription factor 1
PLAG1	pleomorphic adenoma gene 1

PLAP	placental alkaline phosphatase
PLEVA	pityriasis lichenoides et variolaformis acuta
Pit 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

## Q

QA	quality assurance
QC	quality control
qPCR	quantitative polymerase chain reaction

## R

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 operative 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

## S

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
Sp.	Species
SPECT	single photon emission tomography
Spp.	(multiple) species
SS-A/Ro	Anti-SSA autoantibodies
SS-B/La	Anti-SSB autoantibodies
SSTR2A	somatostatin receptor 2A
STAT	from the Latin word statum, meaning “immediately”
STI	sexually transmitted infection
STR	short tandem repeat
SUDI	sudden unexpected death in infancy
SUMP	salivary gland (neoplasm) of uncertain malignant potential
SWOT	strengths, weaknesses, opportunities, threats

## T

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
Tm	melting temperature
TMB	tumor mutational burden
TNF- $\alpha$	tumor necrosis factor alpha
TORCH	(T)oxoplasmosis, (O)ther agenets, (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
TSA	Tryptic Soy Agar
TSH	thyroid stimulating hormone
TSI	triple sugar iron
TTF-1	thyroid transcription factor 1
TTP	thrombotic thrombocytopenic purpura
TUR	transurethral resection

## U

UTI	urinary tract infection
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## V

VACTERL	vertebral defects, anal atresia, cardiac defects, trachea-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

## W

WAGR	Wilms tumour, aniridia, genitourinary anomalies, and retardation
WBC	white blood cell (count)
WHO	World Health Organization
WT1	Wilms tumor 1