

Diagnosis	Main Classification	Disease Group/Sub classification
Acquired Amegakaryocytosis (for congenital see under inherited disorders)	Bone marrow failure syndromes	
Acquired Pure Red Cell Aplasia (PRCA) (not congenital)	Bone marrow failure syndromes	
Acquired SAA, secondary to hepatitis	Bone marrow failure syndromes	
Acquired SAA, secondary to toxin/other drug	Bone marrow failure syndromes	
Acquired Severe Aplastic Anaemia (SAA), not otherwise specified	Bone marrow failure syndromes	
Acute basophilic leukaemia	Acute Myelogenous Leukaemia	
Acute erythroid leukaemia (erythroid/myeloid and pure erythroleukemia) (M6)	Acute Myelogenous Leukaemia	
Acute mast cell leukaemia	Other Acute Leukaemia	
Acute megakaryoblastic leukaemia (M7)	Acute Myelogenous Leukaemia	
Acute monoblastic/ acute monocytic leukaemia (M5)	Acute Myelogenous Leukaemia	
Acute myelomonocytic leukaemia (M4)	Acute Myelogenous Leukaemia	
Acute panmyelosis with myelofibrosis	Acute Myelogenous Leukaemia	
Acute undifferentiated leukaemia	Other Acute Leukaemia	
Adrenoleukodystrophy (ALD)	Inherited disorders	Disorders of metabolism
Adult T cell lymphoma/leukaemia (HTLV1+)	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Aggressive NK cell leukaemia	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
AML with 11q23(MLL) abnormalities	Acute Myelogenous Leukaemia	
AML with abnormal bone marrow eosinophils and inv(16)(p13q22) or t(16;16)(p13;q22) CBF/MYH11	Acute Myelogenous Leukaemia	
Blastic plasmacytoid dendritic cell neoplasm	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
AML with maturation (M2)	Acute Myelogenous Leukaemia	
AML with multi-lineage dysplasia (myelodysplasia-related changes)	Acute Myelogenous Leukaemia	
AML with t(8;21)(q22;q22),(AML1/ETO)	Acute Myelogenous Leukaemia	
AML without maturation (M1)	Acute Myelogenous Leukaemia	
AML, minimally differentiated (MO)	Acute Myelogenous Leukaemia	
Anaplastic large cell lymphoma, T/null cell, primary cutaneous type	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Anaplastic large cell lymphoma, T/null cell, primary systemic type	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Angioimmunoblastic T cell lymphoma (AILD)	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Antiphospholipid syndrome	Autoimmune disorders	Connective Tissue Disease
APL with t(15;17)(q22;q12),(PML/RARa)and variants (M3)	Acute Myelogenous Leukaemia	
Aspartyl glucosaminuria	Inherited disorders	Disorders of metabolism
Ataxia telangiectasia	Inherited disorders	Immune deficiencies
Atypical CML, Ph unknown; bcr/abl-	Combined Myelodysplastic/Myeloproliferative Syndrome	
Atypical CML, Ph unknown; bcr/abl unknown	Combined Myelodysplastic/Myeloproliferative Syndrome	
Atypical CML, Ph-; bcr/abl-	Combined Myelodysplastic/Myeloproliferative Syndrome	
Atypical CML, Ph-; bcr/abl unknown	Combined Myelodysplastic/Myeloproliferative Syndrome	
Bare lymphocyte syndrome	Inherited disorders	Immune deficiencies
Behcet's Syndrome	Autoimmune disorders	Vasculitis
B-glucuronidase deficiency (VII)	Inherited disorders	Disorders of metabolism
Biphenotypic, bilineage or hybrid leukaemia, not otherwise specified	Other Acute Leukaemia	
Blastic Plasmacytoid Dendritic Cell Neoplasm	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Bone sarcoma (excluding Ewing family tumors)	Solid tumours	
Breast Cancer	Solid tumours	
Burkitt lymphoma/Burkitt cell leukaemia	Non-Hodgkin Lymphoma	B cell neoplasms
Burkitt lymphoma/Burkitt cell leukaemia - High grade B cell lymphoma, Burkitt-like	Non-Hodgkin Lymphoma	B cell neoplasms
Cartilage hair hypoplasia	Inherited disorders	Immune deficiencies
CD 40 Ligand deficiency	Inherited disorders	Immune deficiencies
Central nervous system tumors (include CNS PNET)	Solid tumours	
Chediak-Higashi syndrome	Inherited disorders	Immune deficiencies

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Astrocytoma	Solid tumours	
Castleman's disease	Plasma cell disorder	
Choriocarcinoma	Solid tumours	
Chronic Eosinophilic Leukaemia (hypereosinophilic syndrome)	Myeloproliferative Syndrome	
Chronic granulomatous disease	Inherited disorders	Immune deficiencies
Chronic Idiopathic myelofibrosis (acute myelofibrosis/myelosclerosis, with myeloid metaplasia)	Myeloproliferative Syndrome	
Chronic lymphocytic leukaemia (CLL), not otherwise specified	Other Leukaemias	
Chronic Myelomonocytic leukaemia (CMMoL, CMML)	Combined Myelodysplastic/Myeloproliferative Syndrome	
Chronic Myeloproliferative Disease, not otherwise specified	Myeloproliferative Syndrome	
Chronic Neutrophilic Leukaemia	Myeloproliferative Syndrome	
Churg-Strauss	Autoimmune disorders	Vasculitis
Chronic inflammatory demyelinating polyneuropathy	Autoimmune disorders	Other Neurological Autoimmune Disease
CLL, B-cell/small lymphocytic lymphoma	Other Leukaemias	
Colorectal	Solid tumours	
Common variable immunodeficiency	Inherited disorders	Immune deficiencies
Congenital amegakaryocytosis/congenital thrombocytopenia	Inherited disorders	Platelet disorders
Crohn's disease	Autoimmune disorders	Bowel Disease
Diamond-Blackfan anaemia (congenital PRCA)	Bone marrow failure syndromes	
Diffuse large B cell lymphoma - Intravascular	Non-Hodgkin Lymphoma	B cell neoplasms
Diffuse large B cell lymphoma - Mediastinal	Non-Hodgkin Lymphoma	B cell neoplasms
Diffuse large B cell lymphoma - not otherwise specified	Non-Hodgkin Lymphoma	B cell neoplasms
Diffuse large B cell lymphoma - Primary effusion	Non-Hodgkin Lymphoma	B cell neoplasms
DiGeorge anomaly	Inherited disorders	Immune deficiencies
Double Hit Lymphoma	Non-Hodgkin Lymphoma	
Dock 8 deficiency	Inherited disorders	Immune deficiencies
Dyskeratosis congenita	Bone marrow failure syndromes	
Triple hit (DLBCL)	Non-Hodgkin Lymphoma	B cell neoplasms
Enteropathy-type T cell lymphoma	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Essential thrombocythemia (ET)	Myeloproliferative Syndrome	
Evan syndrome	Autoimmune disorders	Haematological Autoimmune Disease
Ewing sarcoma/PNET extra-osseous	Solid tumours	
Ewing sarcoma/PNET of bone	Solid tumours	
Extranodal NK/T cell lymphoma, nasal type	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
FABRY's Disease	Inherited disorders	Disorders of metabolism
Familial erythro/haemophagocytic lymphohistiocytosis (FELH)	Histiocytic disorders	
Fanconi anaemia	Bone marrow failure syndromes	
Follicular - Grade I	Non-Hodgkin Lymphoma	B cell neoplasms
Follicular - Grade II	Non-Hodgkin Lymphoma	B cell neoplasms
Follicular - Grade III	Non-Hodgkin Lymphoma	B cell neoplasms
Fucosidosis	Inherited disorders	Disorders of metabolism
Gaucher disease	Inherited disorders	Disorders of metabolism
Germ cell tumor, extragonadal only	Solid tumours	
Giant cell arteritis	Autoimmune disorders	Vasculitis
Glanzmann thrombasthenia	Inherited disorders	Platelet disorders
Glucose storage disease	Inherited disorders	Disorders of metabolism
Haemolytic anemia	Autoimmune disorders	Haematological Autoimmune Disease
Haemophagocytosis (reactive or viral associated)	Histiocytic disorders	
Hairy cell leukaemia	Other Leukaemias	

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Hepatobiliary	Solid tumours	
Hepatosplenic gamma-delta T cell lymphoma	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
HIV infection	Inherited disorders	Immune deficiencies
Hunter syndrome (II)	Inherited disorders	Disorders of metabolism
Hurler syndrome (IH)	Inherited disorders	Disorders of metabolism
I-cell disease	Inherited disorders	Disorders of metabolism
Idiopathic thrombocytopenic purpura (ITP)	Autoimmune disorders	Haematological Autoimmune Disease
Immune Deficiencies, not otherwise specified	Inherited disorders	Immune deficiencies
Isolated 5q-syndrome	Myelodysplastic Syndrome	
IPEX syndrome	Autoimmune disorders	Haematological Autoimmune Disease
Juvenile idiopathic arthritis: Oligoarticular	Autoimmune disorders	Arthritis
Juvenile idiopathic arthritis: Other, specify	Autoimmune disorders	Arthritis
Juvenile idiopathic arthritis: Polyarticular	Autoimmune disorders	Arthritis
Juvenile idiopathic arthritis: systemic (Stills disease)	Autoimmune disorders	Arthritis
Juvenile myelomonocytic leukemia (JMML, JCML, JCMML)	Combined Myelodysplastic/Myeloproliferative Syndrome	
Kostmann syndrome-congenital neutropenia	Inherited disorders	Immune deficiencies
Krabbe disease (globoid leukodystrophy)	Inherited disorders	Disorders of metabolism
Langerhans Cell Histiocytosis	Histiocytic disorders	
Large T cell granular lymphocytic leukaemia	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Lesch-Nyhan (HGPRT deficiency)	Inherited disorders	Disorders of metabolism
Leukocyte adhesion deficiencies	Inherited disorders	Immune deficiencies
Lung cancer, non-small cell	Solid tumours	
Lung cancer, small cell	Solid tumours	
Lymphocyte-rich	Hodgkin Lymphoma	
Lymphoma depleted	Hodgkin Lymphoma	
Lymphoplasmacytic lymphoma	Non-Hodgkin Lymphoma	B cell neoplasms
Malignant histiocytosis	Histiocytic disorders	
Mannosidosis	Inherited disorders	Disorders of metabolism
Mantle cell lymphoma	Non-Hodgkin Lymphoma	B cell neoplasms
Marginal zone B cell lymphoma, extranodal (MALT type)	Non-Hodgkin Lymphoma	B cell neoplasms
Marginal zone B cell lymphoma, nodal	Non-Hodgkin Lymphoma	B cell neoplasms
Marginal zone B cell lymphoma, splenic	Non-Hodgkin Lymphoma	B cell neoplasms
MGUS	Plasma cell disorder	
Maroteaux-Lamy (VI)	Inherited disorders	Disorders of metabolism
Mastocytosis	Myeloproliferative Syndrome	
Medulloblastoma	Solid tumours	
Melanoma	Solid tumours	
Metachromatic leukodystrophy (MLD)	Inherited disorders	Disorders of metabolism
Mixed cellularity	Hodgkin Lymphoma	
Mixed phenotype with t(9;22)(q34;q11.2);BCR-ABL1	Other Acute Leukaemia	
Mixed phenotype with t(v;11q23); MLL rearranged	Other Acute Leukaemia	
Mixed phenotype, B/myeloid, NOS	Other Acute Leukaemia	
Mixed phenotype, T/myeloid, NOS	Other Acute Leukaemia	
Morquio (IV)	Inherited disorders	Disorders of metabolism
Mucopolidoses, not otherwise specified	Inherited disorders	Disorders of metabolism
Mucopolysaccharidosis (V)	Inherited disorders	Disorders of metabolism
Mucopolysaccharidosis, not otherwise specified	Inherited disorders	Disorders of metabolism
Multiple myeloma - light chain only	Plasma cell disorder	

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Multiple myeloma - non secretory	Plasma cell disorder	
Multiple myeloma IgA	Plasma cell disorder	
Multiple myeloma IgD	Plasma cell disorder	
Multiple myeloma IgE	Plasma cell disorder	
Multiple myeloma IgG	Plasma cell disorder	
Multiple myeloma IgM (not Waldenstrom macroglobulinemia)	Plasma cell disorder	
Multiple sclerosis	Autoimmune disorders	Multiple sclerosis
Myasthenia gravis	Autoimmune disorders	Other Neurological Autoimmune Disease
Mycosis fungoides	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Myeloid sarcoma	Acute Myelogenous Leukaemia	
Neimann-Pick disease	Inherited disorders	Disorders of metabolism
Neuroblastoma	Solid tumours	
Neuronal ceroid - lipofuscinosis (Batten disease)	Inherited disorders	Disorders of metabolism
Neutrophil actin deficiency	Inherited disorders	Immune deficiencies
Nodular lymphocyte predom Hodgkin lymphoma	Hodgkin Lymphoma	
Nodular sclerosis	Hodgkin Lymphoma	
Omenn syndrome	Inherited disorders	Immune deficiencies
Osteopetrosis	Inherited disorders	Disorders of metabolism
Ovary	Solid tumours	
Overlap necrotizing arteritis	Autoimmune disorders	Vasculitis
Pancreas	Solid tumours	
Paroxysmal nocturnal haemoglobinuria (PNH)	Bone marrow failure syndromes	
Ph unknown; bcr/abl+	Chronic Myelogenous Leukaemia	
Ph-; bcr/abl+	Chronic Myelogenous Leukaemia	
Ph+; bcr/abl-	Chronic Myelogenous Leukaemia	
Ph+; bcr/abl unknown	Chronic Myelogenous Leukaemia	
Ph+; bcr/abl+	Chronic Myelogenous Leukaemia	
Plasma cell leukaemia	Plasma cell disorder	
PNP deficiency (Purine nucleoside phosphorylase)	Inherited disorders	Immune deficiencies
POEMS	Plasma cell disorder	
Polyarteritis nodosa, classical	Autoimmune disorders	Vasculitis
Polyarteritis nodosa, microscopic	Autoimmune disorders	Vasculitis
Polycythemia vera (PCV)	Myeloproliferative Syndrome	
Polymyositis-dermatomyositis	Autoimmune disorders	Connective Tissue Disease
Precursor B cell, not otherwise specified	Acute Lymphoblastic Leukaemia	
Precursor B cell, t(1;19)(q23;p13) E2A/PBX1	Acute Lymphoblastic Leukaemia	
Precursor B cell, t(12;21)(p12;q22) ETV/CBF-a	Acute Lymphoblastic Leukaemia	
Precursor B cell, t(9;22)(q34;q11); BCR/ABL+	Acute Lymphoblastic Leukaemia	
Precursor B cell, t(v;11q23); MLL rearranged	Acute Lymphoblastic Leukaemia	
Precursor T cell	Acute Lymphoblastic Leukaemia	
Primary amyloidosis	Plasma cell disorder	
Primary CNS lymphoma	Non-Hodgkin Lymphoma	B cell neoplasms
Prolymphocytic Leukaemia (PLL), B-cell	Other Leukaemias	
Prolymphocytic leukaemia (PLL), not otherwise specified	Other Leukaemias	
Prolymphocytic Leukaemia (PLL), T-cell	Other Leukaemias	
Prostate	Solid tumours	
Psoriatic arthritis/psoriasis	Autoimmune disorders	Arthritis
RA	Myelodysplastic Syndrome	

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RAEB-1	Myelodysplastic Syndrome	
RAEB-2	Myelodysplastic Syndrome	
RARS	Myelodysplastic Syndrome	
RCMD	Myelodysplastic Syndrome	
RCMD/RS	Myelodysplastic Syndrome	
Renal cell	Solid tumours	
Reticular dysgenesis	Inherited disorders	Immune deficiencies
Retinoblastoma	Solid tumours	
Rhabdomyosarcoma	Solid tumours	
Rheumatoid arthritis	Autoimmune disorders	Arthritis
Sanfilippo (III)	Inherited disorders	Disorders of metabolism
Scheie syndrome (IS)	Inherited disorders	Disorders of metabolism
SCID, Absence of T and B cells	Inherited disorders	Immune deficiencies
SCID, Absence of T, normal B cell	Inherited disorders	Immune deficiencies
SCID, ADA deficiency severe combined immune deficiency	Inherited disorders	Immune deficiencies
SCID, not otherwise specified	Inherited disorders	Immune deficiencies
Sezary syndrome	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Shwachman-Diamond	Bone marrow failure syndromes	
Sickle cell disease	Haemoglobinopathy	
Sickle thalassemia	Haemoglobinopathy	
Sjogren syndrome	Autoimmune disorders	Connective Tissue Disease
Soft tissue sarcoma	Solid tumours	
Solitary plasmacytoma	Plasma cell disorder	
Subcutaneous panniculitis-like T cell lymphoma	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Systemic lupus erythematosus SLE	Autoimmune disorders	Connective Tissue Disease
Systemic sclerosis (scleroderma)	Autoimmune disorders	Connective Tissue Disease
Takayasu	Autoimmune disorders	Vasculitis
Testicular	Solid tumours	
Thalassemia, not otherwise specified	Haemoglobinopathy	
AML, Therapy related (to prior exposure of drugs/radiation)	Acute Myelogenous Leukaemia	
Thymoma	Solid tumours	
Ulcerative colitis	Autoimmune disorders	Bowel Disease
Waldenstrom macroglobulinemia	Non-Hodgkin Lymphoma	B cell neoplasms
Wegener granulomatosis	Autoimmune disorders	Vasculitis
Wilm tumor	Solid tumours	
Wiskott Aldrich syndrome	Inherited disorders	Immune deficiencies
Wolman disease	Inherited disorders	Disorders of metabolism
X-linked lymphoproliferative syndrome	Inherited disorders	Immune deficiencies
Blastic plasmacytoid dendritic cell neoplasm	Other Acute Leukaemia	
CLL transformed to NHL	Non-Hodgkin Lymphoma	B cell neoplasms
Nodal marginal zone B-cell lymphoma (± monocytoid B-cells)	Non-Hodgkin Lymphoma	B cell neoplasms
Splenic marginal zone B-cell lymphoma	Non-Hodgkin Lymphoma	B cell neoplasms
Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue (MALT)	Non-Hodgkin Lymphoma	B cell neoplasms
Unclassifiable, features intermediate between DLBCL and Burkitt lymphoma	Non-Hodgkin Lymphoma	B cell neoplasms
Unclassifiable, features intermediate between DLBCL and Classical Hodgkin lymphoma	Non-Hodgkin Lymphoma	B cell neoplasms
Peripheral T-cell lymphoma	Non-Hodgkin Lymphoma	T cell and NK cell neoplasms
Scleroderma (Systemic sclerosis)	Autoimmune disorders	Connective Tissue Disease
Stills disease (Juvenile idiopathic arthritis)	Autoimmune disorders	Arthritis