infection or failure of sterile precautions
abscess formation K00-98, T81.4 not elsewhere classified
foreign body accidentally left in the body K00-98, T81.5
acute reaction to foreign substances accidentally left during procedures K00-98, T81.6
mechanical complications of prosthetic devices (obstruction, migration etc.) T85.5
ischemic tissue damage K00-98, T81.7 not elsewhere classified
contusion K00-98
obstruction K00-98
ulcer formation K00-98
other complications K00-98

0. During/after open surgery
1. During/after endoscopic examination/treatment of GI tract
   - Endocopic examination
   - During capsule endoscopy
   - Endoscopic polypectomy
   - Endoscopic mucosal resection
   - Endoscopic submucosal dissection
   - Endoscopic hemostatic procedure
   - Endoscopic laser treatment
   - Endoscopic APC
   - Ensoscopic variceal ligation
   - Endoscopic injection sclerotherapy
   - Endoscopic (balloon, Bougie) dilatation
   - Endoscopic stenting
   - Endoscopic insertion of drainage tube
   - Endocopic suturing
   - Endoscopic removal of intraluminal substances
   - Endoscopic needle aspiration (FNA)
   - Endoscopic therapies for GERD
   - Etc.
2. During/after endoscopic examination/treatment of biliary system and pancreas
   - Endocopic examination
   - Endoscopic resection
   - Endoscopic hemostatic procedure
   - Endoscopic laser treatment
   - Endoscopic APC
   - Endoscopic (balloon) dilatation
   - Endoscopic stenting
   - Endoscopic shinterectomy

   - Endoscopic insertion of drainage tube
   - Endoscopic removal of substances (stone etc.)
   - Endoscopic needle aspiration (FNA)
   - Etc.
3. During/after puncture, aspiration, and drainage
   - Puncture /drainage of ascites
   - Puncture /drainage of cyst
   - Abscess drainage
   - Liver biopsy
   - Tumor biopsy
   - Biopsy of other organs
   - Transhepatic bile duct drainage
   - Gallbladder puncture and drainage
   - Etc.
4. During/after diagnostic radiology
   - GI X-ray examination
   - Pancreatobiliary X-ray examination
   - Echo ultrasoud
   - CT
   - MRI
   - PET
   - Diagnosis using radioisotope
5. During/after interventional radiology (excludes: radiation therapy for neoplasm)
   - GI X-ray examination
   - Pancreatobiliary X-ray examination
   - Abdominal angiography
   - Transarterial (chemo) embolization
   - Transarterial infusion therapy
   - Percutaneous transhepatic obliteration
   - Balloon-occluded retrograde transvenous obliteration
   - Transjugular intrahepatic portosystemic stent-shunt etc.
6. During/after local treatment for digestive organs
   - Radiofrequency ablation for HCC
   - Local injection therapy
   - Coagulation therapy, Cryotherapy
   - During ESWL (electric shock wave lithothomy) Etc.
7. Insertion of tubes or apparatus for examination or treatment
   - S-B tube
   - Ileus tube
   - Manometric apparatus

PH monitoring
administration of enema
Etc.
9. Other specified and unspecified surgical and medical examination/care
During apheresis therapy

New R-code Proposal
Symptoms and signs involving the digestive system and abdomen (R10-R19)

R10. Abdominal and pelvic pain
0. Acute abdomen
Severe abdominal pain (generalized)
Severe abdominal pain (localized)
Severe abdominal pain (generalized)(with abdominal rigidity)
Severe abdominal pain (localized)(with abdominal rigidity)
1. Pain localized to upper abdomen
Epigastric pain
Colic of gallbladder
2. Pelvic and perianal pain
3. Pain localized to other parts of lower abdomen
9. Other specified and unspecified abdominal pain
Abdominal tenderness (NOS)
Colic

R11. Symptoms arises from upper GI
(excludes: pain, hemorrhage)
0. Nausea and Vomiting
1. Heartburn
2. Dysphagia
3. Belching
4. Odynopshgia
Eructati
5. Dyspepsia
Indigestion (gastric)

R12. GI hemorrhage (if the hemorrhagic sites are specified, go to K-code)
0. Hematemesis
1. Melena
2. Positive occult blood
3. Hematochezia
*4 with shock
(*4 This code could be used in combination with other codes in R12 as a double code, if desired)

R13. Changes in bowel habit

0. Constipation
1. Diarrhea

R14. Flatulence and related conditions
Abdominal distension (gaseous)
Bloating
Gas pain
Tympanites (abdominal)(intestinal)

R15. Fecal incontinence
Encopresis

R16 Hepatomegaly and Splenomegaly, not elsewhere classified
0. Hepatomegaly
1. Splenomegaly
2. Hepatosplenomegaly (Hepatomegaly with splenomegaly)

R17. Jaundice (unspecified)

R18. Ascites
Fluid in peritoneal cavity

R19 Other symptoms and sings involving the digestive system and abdomen
0. Intra-abdominal and pelvic swelling, mass and lump
1. Abnormal bowel sounds
2. Visible peristalsis
3. Abdominal rigidity
4. Fecal abnormalities
(excludes: constipation R13.0, diarrhea R13.1, Occult blood in stools R12.2)
Abnormal stool color
Mucus in stools
Bloody diarrhea
5. Halitosis
9. Other specified and unspecified symptoms and signs involving the digestive system and abdomen

KQC Other diseases of digestive system (K92)

KQCA Other specified diseases of digestive system
KQCB Disease of digestive system, unclassified

KQD Disorders of other specified digestive organs in diseases classified elsewhere (K93.8)

血液分野

World Health Organization

The Japanese Society of HEMATOLOGY

EUROPEAN HEMATOLOGY ASSOCIATION

Interim report WHO-project:
Revision of ICD-10/Hematology
Phase 0

April, 2010

Content

Annex 1
Preliminary version ICD-11/Hematology

1. Introduction

The World Health Organization (WHO) started with the revision process of the International Classification of Diseases (ICD). Currently ICD version 10 is used. The planning is to implement ICD-11 in 2014. In order to achieve this WHO installed Topic Advisory Groups (TAG's). They will serve as the planning and coordinating advisory body for specific issues which are key topics in the update and revision process. One of the TAG's is responsible for Internal Medicine. WHO appointed Dr. Sugano (Tokyo, Japan) appointed as the chair person for this TAG. Dr. Willem Fibbe (Leiden, The Netherlands) was invited as a member of this TAG with a specific focus on Hematology.

Since WHO is a global organization, the TAG's have been asked to set up committees taking into account global representation. The proposal to WHO was to start working with the three major international organizations in the field of hematology, namely the American Society of Hematology (ASH), the Japanese Society of Hematology (JSH) and the European Hematology Association (EHA). This proposal was presented by Dr. Fibbe during a WHO-ICD Revision Meeting that took place in April 2009 in Tokyo. Recently this proposal was accepted by WHO. In addition to that WHO recommended including representatives from the Eastern Mediterranean, the African and the South East Asian countries into the working group in order to realize global representation.

For reasons of planning ASH, EHA and JSH already started to work in 2009 on the revision process by setting up a Joint oversight Committee, a task division and working group. Within this setting a preliminary version of ICD-11/Hematology was developed. These activities were combined in *phase 0* of the ICD-10 Revision Project/Hematology and are reported in this document. In chapter 2 the organizational structure is described. Chapter 3 contains an overview of the status of the project while in chapter 4 the next phases and steps within the project are presented.

2. Organizational structure

2.1 Joint Oversight Committee

The Joint Oversight Committee for this project consists of the following three hematologists:

ASH: Dr. Nancy Berliner, Past President ASH
EHA: Dr. Willem Fibbe (chair), Past President EHA
JSH: Dr. Yuzuru Kanakura. President JSH
Dr. Kinuko Mitani, Chair Scientific Committee JSH

The Joint Oversight Committee met for the first time in June 2009 in Berlin during the Annual Congress of EHA.This was followed by a meeting in October 2009 during the Annual Congress of JSH and a meeting in December 2009 New Orleans during the ASH Annual Congress. The next meeting is planned in June 2010 in Barcelona (EHA Congress).

2.2 Task division & working groups

During the meetings of the Joint Oversight Committee a task divison between the three societies was discussed and approved (see table 1).

Table 1: Task division

Group/ICD 10 codes	ASH	JSH	EHA
I. Anemia's / Codes: D50-D53 & D74			X
II. Coagulation & Platelets / Codes D54 – D 69.9		X	
III. White Cells & Spleen / Codes D70-D73.9 & D76-D85 &D 89	X		
IV. MPD & Bone marrow failure / Codes D75 & D60-D64		X	
V. Myeloid malignancies / Codes C92 – C96	X		
VI. Lymphoid malignancies / Codes C81 – C91			X

Based on this task division the three societies composed working groups with expert in the field regarding the specific ICD-10 codes that need to be updated.
The following working groups were composed.

Working groups

1. White Cells and Spleen (ASH)

Working group member	*Email address*
Dr. Nancy Berliner	nberliner@partners.org
Dr. Elaine Jaffe	elainejaffe@nih.gov
Dr. Christoph Klein	klein.christoph@mh-hannover.de
Dr. Thomas Loughran	tloughran@psu.edu
Dr. Harry Malech	hmalech@niaid.nih.gov
Dr. Peter Newburger	Peter.newburger@umassmed.edu

2. Myeloid Malignancies (ASH)

Working group member	*Email address*
Dr. Nancy Berliner	nberliner@partners.org
Dr. Armand Keating	armand.keating@uhn.on.ca
Dr. Richard Larson	rlarson@medicine.bsd.uchicago.edu
Dr. Bob Löwenberg	b.lowenberg@erasmusmc.nl
Dr. Kimberly Stegmaier	imberly_stegmaier@dfci.harvard.edu
Dr. Martin Tallman	m-tallman@northwestern.edu
Dr. James Vardiman	james.vardiman@uchospitals.edu

3. Anemia's (EHA)

Working group member	*Email address*
Dr. Mario Cazzola	mario.cazzola@unipv.it
Dr. Irene Roberts	irene.roberts@imperial.ac.uk
Dr. Clara Camaschella	camaschella.clara@hsr.it

4. Lymphoid Malignancies (EHA)

Working group member	*Email address*
Dr. Stefano Pileri	stefano.pileri@aosp.bo.it
Dr. Andreas Rosenwald	Rosenwald@mail.uni-wuerzburg.de
Dr. Hartmut Döhner	Hartmut.Doehner@uniklinik-ulm.de

5. Bone Marrow Failure (JSH)

Working group member	*Email address*
Dr. Shinji Nakao	snakao@med3.m.kanazawa-u.ac.jp
Dr. Seiji Kojima	kojimas@med.nagoya-u.ac.jp
Dr. Kazuma Ohyashiki	ohyashik@rr.iij4u.or.jp

6. MPD/MDS (JSH)

Working group member	*Email address*
Dr. Kazuo Dan	dan@nms.ac.jp
Dr. Shinichiro Okamoto	okamoto@sc.itc.keio.ac.jp

7. Coagulation/Platelet disorder (JSH)

Working group member	Email address
Dr. Akitada Ichinose	aichinos@med.id.yamagata-u.ac.jp
Dr. Tadashi Matsushita	tmatsu@med.nagoya-u.ac.jp
Dr. Yoshiaki Tomiyama	yoshi@hp-blood.med.osaka-u.ac.jp

3. Project status

The working groups drafted a preliminary version of ICD-11/Hematology according to the following step-by-step approach.

Step 1

The current version of ICD-10, as published on the WHO website (http://apps.who.int/classifications/apps/icd/icd10online/) was used as starting information.

Step 2

The current version as mentioned under step 1 was modified according to the updates on ICD-10 that were officially approved by WHO and published on the WHO website (http://www.who.int/classifications/icd/OfficialWHOUpdatesCombined1996-2008VOLUME3.pdf)

Step 3

Based on the outcome of step 2 the working groups drafted a preliminary version of ICD-11/hematology.

The prelimary version ICD-11/Hematology is attached as Annex 1 to this interim report.

4. Next steps

In order to finalize this prelimary version of ICD-11/Hematology the following steps are needed.

- ✓ Extension of the Joint Oversight Committee and the working groups with representatives from the Eastern Mediterranean, the African and the South East Asian countries.
- ✓ Harmonization of the output of the working groups.
- ✓ Draft and approve final ICD-11/hematology (=phase 1).
- ✓ Discussion on preparation and planning of phase 2 according to WHO guidelines.

This will be discussed during a meeting of the Joint Oversight Committee in June 2010 in Barcelona. The committee will inform WHO of the outcome of this meeting.

Current version ICD10 (2007)	Preliminary version ICD11 (2010)
C81 Hodgkin's disease Includes: morphology codes M965-M966 with behaviour code /3	C81 Hodgkin lymphoma
C81.0 Lymphocytic predominance Lymphocytic-histiocytic predominance	C81.0 Nodular lymphocyte predominant Hodgkin lymphoma
C81.1 Nodular sclerosis	C81.1 Nodular sclerosis classical Hodgkin lymphoma
C81.2 Mixed cellularity	C81.2 Mixed cellularity classical Hodgkin lymphoma
C81.3 Lymphocytic depletion	C81.3 Lymphocyte depleted classical Hodgkin lymphoma
	C81.4 Lymphocyte-rich classical Hodgkin lymphoma Excludes: lymphocyte predominant Hodgkin lymphoma (C81.0)
C81.7 Other Hodgkin's disease	C81.7 Other classical Hodgkin lymphoma Classic Hodgkin lymphoma, type not specified
C81.9 Hodgkin's disease, unspecified	C81.9 Hodgkin lymphoma, unspecified
C82 Follicular [nodular] non-Hodgkin's lymphoma Includes: follicular non-Hodgkin's lymphoma with or without diffuse areas morphology code M969 with behaviour code /3	C82 Follicular lymphoma Includes: follicular lymphoma with or without diffuse areas Excludes: Mature T/NK-cell lymphoma (C84.-)
C82.0 Small cleaved cell, follicular	C82.0 Follicular lymphoma, grade I
C82.1 Mixed small cleaved and large cell, follicular	C82.1 Follicular lymphoma, grade II
C82.2 Large cell, follicular	C82.2 Follicular lymphoma, grade III not otherwise specified (NOS)
	C82.3 Follicular lymphoma, grade IIIa
	C82.4 Follicular lymphoma, grade IIIb
	C82.5 Follicular lymphoma, diffuse
	C82.6 Primary cutaneous follicle centre lymphoma
C82.7 Other types of follicular non-Hodgkin's lymphoma	C82.7 Other types of follicular lymphoma Includes: Pediatric follicular lymphoma

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	Primary intestinal follicular lymphoma Other extranodal follicular lymphomas In situ follicular lymphoma
C82.9 Follicular non-Hodgkin's lymphoma, unspecified Nodular non-Hodgkin's lymphoma NOS	C82.9 Follicular lymphoma, not otherwise specified Nodular lymphoma NOS Suggestion: skip this term. In fact, a nodular pattern is not limited to follicular lymphoma, but may be seen in mantle cell lymphoma and nodal marginal zone lymphoma.)
C83 Diffuse non-Hodgkin's lymphoma Includes: morphology codes M9593, M9595, M967-M968 with behaviour code /3	C83 Non-Hodgkin lymphomas other than follicular - if T-lymphoblastic lymphomas are moved elsewhere, the item might become Non-Hodgkin B-cell lymphomas other than follicular
C83.0 Small cell (diffuse)	C83.0 Small B-cell lymphoma Small lymphocytic lymphoma Lymphoplasmacytic lymphoma Nodal marginal zone lymphoma Splenic marginal zone lymphoma Excludes: chronic lymphocytic leukaemia (C91.1) Waldenström macroglobulinaemia (C88.0) Mature T/NK-cell lymphoma (C84.-)
C83.1 Small cleaved cell (diffuse)	C83.1 Mantle cell lymphoma Small cell Classical Blastoid Pleomorphic Marginal zone-like Malignant lymphomatous polyposis
C83.2 Mixed small and large cell (diffuse)	
C83.3 Large cell (diffuse) Reticulum cell sarcoma	C83.3 Diffuse large B-cell lymphoma (DLBCL) Centroblastic Immunoblastic Anaplastic T-cell rich Subtype not otherwise specified (NOS)

	Excludes: primary mediastinal (thymic) large B-cell lymphoma (C83.4) T-cell lymphoma (C84.-)
C83.4 Immunoblastic (diffuse) C83.5 Lymphoblastic (diffuse) C83.6 Undifferentiated (diffuse)	C83.4 Primary Mediastinal (thymic) large B-cell lymphoma C83.6 Other types of diffuse large B-cell lymphoma Primary DLBCL of the CNS Primary cutaneous DLBCL, leg-type DLCBL associated with chronic inflammation Lymphomatoid granulomatosis Intravascular large B-cell lymphoma ALK+ large B-cell lymphoma Plasmablastic lymphoma Large B-cell lymphoma arising in HHV8-associated multicentric Castleman disease Primary effusion lymphoma Excludes: Primary mediastinal (thymic) large B-cell lymphoma (C83.4) T-cell rich B-cell lylmphoma (C83.3)
C83.7 Burkitt's tumour	C83.7 Burkitt lymphoma Endemic Sporadic Atypical Burkitt lymphoma, "Burkitt-like" lymphoma, mature B-cell leukaemia Burkitt-type (C91.8) (These three terms have been abandoned in the new WHO Classification)
C83.8 Other types of diffuse non-Hodgkin's lymphoma	C83.8 Lymphoblastic (it would be much better to have this category following C83.6 and C83.7. In addition, it is a mixture of B and T-cell tumors) [Note: MOVED HERE ACCORDING TO THE COMMENT – NEW CATEGORY NUMBER C83.8] B-cell precursor lymphoma

	Lymphoblastic B-cell lymphoma T-cell precursor lymphoma Lymphoblastic T-cell lymphoma Lymphoblastic lymphoma NOS
C83.9 Diffuse non-Hodgkin's lymphoma, unspecified	C83.9 Diffuse Non-Hodgkin lymphoma other than follicular, NOS (The term "diffuse" can cause confusion with C83.3;) Includes the provisional entities: Splenic diffuse red pulp small B-cell lymphoma EBV+ diffuse large B-cell lymphoma of the elderly B-cell lymphoma, unclassifiable, with features intermediate between diffuse large B-cell lymphoma and Burkitt lymphoma B-cell lymphoma, unclassifiable, with features intermediate between diffuse large B-cell lymphoma and classical Hodgkin lymphoma
C84.- Peripheral and cutaneous T-cell lymphomas Includes: morphology code M970 with behaviour code /3	C84.- Mature T/NK-cell lymphomas
C84.0 Mycosis fungoides	C84.0 Mycosis fungoides
C84.1 Sézary's disease	C84.1 Sézary syndrome
C84.2 T-zone lymphoma	
C84.3 Lymphoepithelioid lymphoma Lennert's lymphoma	
C84.4 Peripheral T-cell lymphoma	C84.4 Peripheral T-cell lymphoma, NOS Peripheral T-cell lymphoma, lymphoepithelioid variant (Lennert's lymphoma) Peripheral T-cell lymphoma, T-zone variant Peripheral T-cell lymphoma, follicular variant
C84.5 Other and unspecified T-cell lymphomas Note: If T-cell lineage or involvement is mentioned in conjunction with a specific lymphoma, code to the more specific description.	Note: If T-cell lineage or involvement is mentioned in

	conjunction with a specific lymphoma, code to the more specific description. Excludes: Angioimmunoblastic T-cell lymphoma (C86.5) Primary cutaneous gamma-delta T-cell lymphoma (C86.4) Enteropathy-type T-cell lymphoma (C86.2) Extranodal NK-cell lymphoma, nasal type (C86.0) Hepatosplenic T-cell lymphoma (C86.1) Primary cutaneous CD30-positive T-cell proliferations (C86.6) Subcutaneous panniculitis-like T-cell lymphoma (C86.3) T-cell leukaemias (C91.5, C91.6, C91.7) C84.5 Other mature T/NK-cell lymphomas Includes: Systemic EBV-positive T-cell lymphoproliferative disease of childhood Hidroa vaccineforme-like lymphoma C84.6 Anaplastic large cell lymphoma, ALK-positive C84.7 Anaplastic large cell lymphoma, ALK-negative Excludes: Primary cutaneous CD30-positive T-cell proliferations (C86.6) C84.8 Cutaneous T-cell lymphoma, NOS Includes the provisional entities: Primary cutaneous CD8 positive aggressive epidermotropic cytotoxic T-cell lymphoma Primary cutaneous CD4 positive small/medium T-cell lymphoma C84.9 Mature T/NK-cell lymphoma, unspecified NK/T cell lymphoma NOS Excludes: Peripheral T-cell lymphoma, NOS (C84.4)

C85.	Other and unspecified types of non-Hodgkin's lymphoma Includes: morphology codes M9590-M9592, M9594, M971 with behaviour code /3 C85.0 Lymphosarcoma C85.1 B-cell lymphoma, unspecified Note: If B-cell lineage or involvement is mentioned in conjunction with a specific lymphoma, code to the more specific description. C85.7 Other specified types of non-Hodgkin's lymphoma Malignant: · reticuloendotheliosis · reticulosis Microglioma C85.9 Non-Hodgkin's lymphoma, unspecified type Lymphoma NOS Malignant lymphoma NOS Non-Hodgkin's lymphoma NOS
C85.	Other and unspecified types of non-Hodgkin's lymphoma C85.1 B-cell lymphoma, NOS Note: If B-cell lineage or involvement is mentioned in conjunction with a specific lymphoma, code to the more specific description. C85.7 Other specified types of non-Hodgkin lymphoma C85.9 Non-Hodgkin lymphoma, NOS Lymphoma NOS Malignant lymphoma NOS Non-Hodgkin lymphoma NOS C86. Other specified types of T/NK-cell lymphoma Excludes : Anaplastic large cell lymphoma, ALK negative (C84.7) Anaplastic large cell lymphoma, ALK positive (C84.6) C86.0 Extranodal NK/T-cell lymphoma, nasal type C86.1 Hepatosplenic T-cell lymphoma Alpha-beta and gamma delta types C86.2 Enteropathy-type (intestinal) T-cell lymphoma Enteropathy associated T-cell lymphoma C86.3 Subcutaneous panniculitis-like T-cell lymphoma

C88	Malignant immunoproliferative diseases Includes: morphology code M976 with behaviour code /3
C88.0	Waldenström's macroglobulinaemia
C88.1	Alpha heavy chain disease
C88.2	Gamma heavy chain disease Franklin's disease
C88.3	Immunoproliferative small intestinal disease Mediterranean disease
C88.7	Other malignant immunoproliferative diseases
C88.9	Malignant immunoproliferative disease, unspecified Immunoproliferative disease NOS
C86.4	Primary cutaneous gamma-delta T-cell lymphoma (The previous entity is a misnomer: see now C95.7)
C86.5	Angioimmunoblastic T-cell lymphoma Angioimmunoblastic lymphadenopathy with dysproteinaemia (AILD)
C86.6	Primary cutaneous CD30-positive T-cell proliferations Lymphomatoid papulosis Primary cutaneous anaplastic large-cell lymphoma Primary cutaneous CD30+large T-cell lymphoma
C88	Other B-cell lymphoma (malignant immunoproliferative diseases)
C88.0	Waldenström macroglobulinaemia Lymphoplasmacytic lymphoma with IgM-production Macroglobulinaemia (primary)(idiopathic) Excludes: small cell B-cell lymphoma (C83.0)
C88.2	Other heavy chain disease Alpha chain disease Franklin's disease Gamma heavy chain disease Mμ heavy chain disease
C88.3	Immunoproliferative small intestinal disease Mediterranean lymphoma
C88.7	Other malignant immunoproliferative diseases
C88.9	Malignant immunoproliferative disease, NOS Immunoproliferative disease NOS

C90	Multiple myeloma and malignant plasma cell neoplasms Includes: morphology codes M973, M9830 with behaviour code /3
C90.0	Multiple myeloma Kahler's disease Myelomatosis Excludes: solitary myeloma (C90.2)
C90.1	Plasma cell leukaemia
C90.2	Plasmacytoma, extramedullary Malignant plasma cell tumour NOS Plasmacytoma NOS Solitary myeloma
C91	Lymphoid leukaemia Includes: morphology codes M982, M9940-M9941 with behaviour code /3
C91.0	Acute lymphoblastic leukaemia Excludes: acute exacerbation of chronic lymphocytic leukaemia (C91.1)
C91.1	Chronic lymphocytic leukaemia
C91.2	Subacute lymphocytic leukaemia
C91.3	Prolymphocytic leukaemia
C91.4	Hairy-cell leukaemia Leukaemic reticuloendotheliosis
C91.5	Adult T-cell leukaemia
C90	Multiple myeloma and malignant plasma cell neoplasms Hallo
C90.0	Multiple myeloma Kahler's disease Myelomatosis Plasma cell myeloma Medullary plasmacytoma Excludes: solitary plasmacytoma (C90.0)
C90.1	Plasma cell leukaemia Plasmacytic leukaemia
C90.2	Extramedullary plasmacytoma
C90.3	Solitary plasmacytoma Localized malignant plasma cell tumour NOS Plasmacytoma NOS Solitary myeloma
C91	Lymphoid leukaemia
C91.0	Acute lymphoblastic leukaemia [ALL] Note: This code should only be used for T-cell and B-cell precursor leukaemia
C91.1	Chronic lymphocytic leukaemia of B-cell type Lymphoplasmacytic leukaemia Richter syndrome Excludes: Lymphoplasmacytic lymphoma (C83.0)
C91.3	Prolymphocytic leukaemia of B-cell type
C91.4	Hairy-cell leukaemia
C91.5	Adult T-cell lymphoma/leukaemia (HTLV-1-associated)

			Acute variant Lymphomatous Chronic Smouldering
		C91.6	Prolymophocytic leukaemia of T-cell type
C91.7	Other lymphoid leukaemia	C91.7	Other lymphoid leukaemia T-cell large granular lymphocytic leukaemia (associated with rheumatic arthritis) Chronic lymphoproliferative disorder of NK-cells
		C91.8	Mature B-cell leukaemia Burkitt-type Excludes: Burkitt lymphoma with little or no bone marrow filtration (C83.7) (SAP: this terminology has been abandoned in the new WHO Classification) Why not to use C91.8 for Aggressive NK cell leukaemia?
C91.9	Lymphoid leukaemia, unspecified	C91.9	Lymphoid leukaemia, NOS Includes the provisional entity: Hairy cell leukaemia variant
C92	Myeloid leukaemia Includes: leukaemia: · granulocytic · myelogenous morphology codes M986-M988, M9930 with behaviour code /3	C92	Myeloid leukaemia Includes: leukaemia: granulocytic myelogenous
C92.0	Acute myeloid leukaemia Excludes: acute exacerbation of chronic myeloid leukaemia (C92.1)	C92.0	Acute myeloblastic leukaemia (AML) Acute myeloblastic leukaemia, minimal differentiation Acute myeloblastic leukaemia (with maturation) AML1/ETO AML M0 AML M1 AML M2 AML with t(8;21) AML (without a FAB classification) NOS Refractory anaemia with excess blasts in transformation

			Excludes: acute exacerbation of chronic myeloid leukaemia (C92.1)
C92.1	Chronic myeloid leukaemia	C92.1	Chronic myeloid leukaemia [CML], BCR/ABL-positive Chronic myelogenous leukaemia, Philadelphia chromosome (Ph1) positive Chronic myelogenous leukaemia , t(9:22)(q34; q11) Chronic myelogenous leukaemia with crisis of blast cells Excludes: atypical chronic myeloid leukaemia (C92.2) chronic myelomonocytic leukaemia (C93.1) unclassified myeloproliferative disease (D47.1)
C92.2	Subacute myeloid leukaemia	C92.2	Atypical chronic myeloid leukaemia BCR/ABL-negative
C92.3	Myeloid sarcoma Chloroma Granulocytic sarcoma	C92.3	Myeloid sarcoma Note: a tumour of immature myeloid cells. Chloroma Granulocytic sarcoma
C92.4	Acute promyelocytic leukaemia	C92.4	Acute promyelocytic leukaemia (PML) AML M3 AML Me with t(15; 17) and variants
C92.5	Acute myelomonocytic leukaemia	C92.5	Acute myelomonocytic leukaemia AML M4 AML M4 Eo with inv(16) or t(16;16)
C92.7	Other myeloid leukaemia	C92.6	Acute myeloid leukaemia with 11q23-abnormality Acute myeloid leukaemia with variation of MLL-gene
		C92.7	Other myeloid leukaemia Excludes: chronic eosinophilic leukaemia [hypereosinophilic syndrome] (D47.5)
		C92.8	Acute myeloid leukaemia wiht multilineage dysplasia Note: Acute myeloid leukaemia with dysplasia of remaining haematopoesis and/or myelodysplastic disease in its history.
C92.9	Myeloid leukaemia, unspecified	C92.9	Myeloid leukaemia, unspecified

C93	Monocytic leukaemia Includes: monocytoid leukaemia morphology code M989 with behaviour code /3	C93	Monocytic leukaemia Includes: monocytoid leukaemia
C93.0	Acute monocytic leukaemia Excludes: acute exacerbation of chronic monocytic leukaemia (C93.1)	C93.0	Acute monoblastic/monocytic leukaemia AML M5a AML M5b AML M5
C93.1	Chronic monocytic leukaemia	C93.1	Chronic myelomonocytic leukaemia Chronic monocytic leukaemia CMML-1 CMML-2 CMML with eosinophilia
C93.2	Subacute monocytic leukaemia	C93.3	Juvenile myelomonocytic leukaemia
C93.7	Other monocytic leukaemia	C93.7	Other monocytic leukaemia
C93.9	Monocytic leukaemia, unspecified	C93.9	Monocytic leukaemia, unspecified
C94	Other leukaemias of specified cell type Includes: morphology codes M984, M9850, M9900, M9910, M9931-M9932 with behaviour code /3 Excludes: leukaemic reticuloendotheliosis (C91.4) plasma cell leukaemia (C90.1)	C94	Other leukaemias of specified cell type Excludes: leukaemic reticuloendotheliosis (C91.4) plasma cell leukaemia (C90.1)
C94.0	Acute erythraemia and erythroleukaemia Acute erythraemic myelosis Di Guglielmo's disease	C94.0	Acute erythroid leukaemia Acute myeloid leukaemia M6 (a)(b) Erythroleukaemia
C94.1	Chronic erythraemia Heilmeyer-Schöner disease	C94.2	Acute megakaryoblastic leukaemia Acute myeloid leukaemia, M7 Acute megakaryocytic leukaemia
C94.2	Acute megakaryoblastic leukaemia Leukaemia: · megakaryoblastic (acute)		

	· megakaryocytic (acute)	C94.3	Mast cell leukaemia
C94.3	Mast cell leukaemia	C94.4	Acute panmyelosis with myelofibrosis Acute myelofibrosis
C94.4	Acute panmyelosis	C94.6	Myelodysplastic and myeloproliferative disease, not classified
C94.5	Acute myelofibrosis	C94.7	Other specified leukaemias Aggressive NK-cell leukaemia (moved to C91.8) Acute basophilic leukaemia
C94.7	Other specified leukaemias Lymphosarcoma cell leukaemia		
C95	Leukaemia of unspecified cell type Includes: morphology code M980 with behaviour code /3	C95	Leukaemia of unspecified cell type
C95.0	Acute leukaemia of unspecified cell type Blast cell leukaemia Stem cell leukaemia Excludes: acute exacerbation of unspecified chronic leukaemia (C95.1)	C95.0	Acute leukaemia of unspecified cell type Acute bilineal leukaemia Acute mixed lineage leukaemia Biphenotypic acute leukaemia Stem cell leukaemia of unclear lineage Excludes: acute exacerbation of unspecified chronic leukaemia (C95.1)
C95.1	Chronic leukaemia of unspecified cell type	C95.1	Chronic leukaemia of unspecified cell type
C95.2	Subacute leukaemia of unspecified cell type	C95.7	Other leukaemia of unspecified cell type
C95.7	Other leukaemia of unspecified cell type	C95.9	Leukaemia, unspecified
C95.9	Leukaemia, unspecified	C96	Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue
C96	Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue Includes: morphology codes M972, M974 with behaviour code /3		

C96.0	Letterer-Siwe disease Nonlipid: · reticuloendotheliosis · reticulosis
C96.1	Malignant histiocytosis Histiocytic medullary reticulosis
C96.2	Malignant mast cell tumour Malignant: · mastocytoma · mastocytosis Mast cell sarcoma Excludes: mast cell leukaemia (C94.3) mastocytosis (cutaneous) (Q82.2)
C96.3	True histiocytic lymphoma
C96.7	Other specified malignant neoplasms of lymphoid, haematopoietic and related tissue
C96.9	Malignant neoplasm of lymphoid, haematopoietic and related tissue, unspecified

C96.0	Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis [Letterer-Siwe disease] Histiocytosis X, multisystemic
C96.2	Malignant mast cell tumour Aggressive systemic mastocytosis Mast cell sarcoma Excludes: Indolent mastocytosis (D47.0) Mast cell leukaemia (C94.3) (congenital) mastocytosis (cutaneous) (Q82.2)
C96.4	Sarcoma of dendritic cells (accessory cells) Interdigiting dendritic cell sarcoma Langerhans-cell sarcoma Sarcoma of follicular dendritic cells Fibroblastic reticular cell tumor Indeterminate dendritic cell tumor
C96.5	Multifocal and unisystemic Langerhans-cell histiocytosis Hand-Schüller-Christian disease Histiocytosis X, multifocal
C96.6	Unifocal Langerhans-cell histiocytosis Eosinophilic granuloma Histiocytosis X, unifocal Histiocytosis X NOS Langerhans-cell histiocytosis NOS
C96.7	Other specified malignant neoplasms of lymphoid, haematopoietic and related tissue Includes: Blastic plasmacytoid dendritic cell neoplasm
C96.8	Histiocytic sarcoma Malignant histiocytosis
C96.9	Malignant neoplasm of lymphoid, haematopoietic and related tissue, unspecified

Nutritional anaemias (D50-D53)	Nutritional and metabolic anaemias (D50-D53 and D60-64)
D50 Iron deficiency anaemia *Includes:* anaemia: · asiderotic · hypochromic	**D50 Iron deficiency anaemia**
D50.0 Iron deficiency anaemia secondary to blood loss (chronic) Posthaemorrhagic anaemia (chronic) ***Excludes:*** acute posthaemorrhagic anaemia (D62) congenital anaemia from fetal blood loss (P61.3)	**D50.0 Iron deficiency anaemia secondary to blood loss (chronic)** ***Excludes:*** acute posthaemorrhagic anaemia (D62) congenital anaemia from fetal blood loss (P61.3)
	D50.1 Iron deficiency anaemia due to malnutrition
	D50.2 Iron deficiency anaemia due to decreased duodenal absorption Total gastrectomy, celiac disease
	D50.3 Iron deficiency anaemia due to increased requirement Infancy, adolescence, pregnancy
	D50.4 Hereditary iron deficiency anaemia Iron-refractory iron deficiency anaemia (IRIDA, associated with *TMPRSS6* mutations) Associated with liver iron overload (atransferrinemia, *DMT1* mutations, aceruloplasminemia)

D50.1 Sideropenic dysphagia Kelly-Paterson syndrome Plummer-Vinson syndrome	**D50.5 Iron deficiency without anaemia** **D50.6 Sideropenic dysphagia** Kelly-Paterson syndrome Plummer-Vinson syndrome
D50.8 Other iron deficiency anaemias	**D50.8 Other iron deficiency anaemias**
D50.9 Iron deficiency anaemia, unspecified	**D50.9 Iron deficiency anaemia, unspecified**
D51 Vitamin B $_{12}$ deficiency anaemia Megaloblastic anaemia due to Vitamin B12 deficiency ***Excludes:*** vitamin B $_{12}$ deficiency (E53.8)	**D51 Vitamin B $_{12}$ deficiency anaemia** Megaloblastic anaemia due to Vitamin B12 deficiency ***Exludes:*** vitamin B $_{12}$ deficiency without mention of anaemia (E53.8) **D51.0 Dietary vitamin B12 deficiency anaemia** Vegan anaemia Malnutrition
D51 Vitamin B $_{12}$ deficiency anaemia due to intrinsic factor deficiency Anaemia: · Addison · Biermer · pernicious (congenital) Congenital intrinsic factor deficiency **D51.1 Vitamin B $_{12}$ deficiency anaemia due to selective vitamin B $_{12}$ malabsorption with proteinuria** Imerslund(-Gräsbeck) syndrome Megaloblastic hereditary anaemia	**D51.1 Vitamin B $_{12}$ deficiency anaemia due to intrinsic factor deficiency** Pernicious anaemia: • Pernicious anaemia • Pernicious anaemia associated with other autoimmune disorders

D51.2 Transcobalamin II deficiency **D51.3 Other dietary vitamin B $_{12}$ deficiency anaemia** Vegan anaemia	 **D51.2 Vitamin B12 deficiency anaemia due to decreased intestinal absorption** Associated with intestinal disorders (see Chapter XX) for type of disorder Associated with total gastrectomy **D51.3 Hereditary Vitamin B $_{12}$ deficiency anaemia** Vitamin B12 deficiency anaemia due to selective vitamin B $_{12}$ malabsorption with proteinuria or Imerslund(-Gräsbeck) syndrome Congenital intrinsic factor deficiency Transcobalamin II deficiency Defects of cobalamin metabolism **D51.4 Drug induced vitamin B12 deficiency anaemia** Use additional external cause code (Chapter XX) if desired to identify drugs
D51.8 Other vitamin B $_{12}$ deficiency anaemias	**D51.8 Other vitamin B $_{12}$ deficiency anaemias**
D51.9 Vitamin B $_{12}$ deficiency anaemia, unspecified	**D51.9 Vitamin B $_{12}$ deficiency anaemia, unspecified**
D52 Folate deficiency anaemia **D52.0 Dietary folate deficiency anaemia** Nutritional megaloblastic anaemia	**D52 Folate deficiency anaemia** Megaloblastic anaemia due to folate deficiency **D52.0 Dietary folate deficiency anaemia** **D52.1 Folate deficiency anaemia due to increased requirements** Pregnancy and lactation, prematurity, erythropoiesis

	expansion Associated with hemolytic anaemias, dermatologic disorders (psoriasis)
	D52.2 Folate deficiency anaemia due to decreased intestinal absorption Associated with intestinal disorders (see Chapter XX) for type of disorder
D52.1 Drug-induced folate deficiency anaemia Use additional external cause code (Chapter XX), if desired, to identify drug.	**D52.3 Drug-induced folate deficiency anaemia** Use additional external cause code (Chapter XX) if desired to identify drugs
	D52.4 Inherited disorders of folate metabolism
D52.8 Other folate deficiency anaemias	**D52.8 Other folate deficiency anaemias**
D52.9 Folate deficiency anaemia, unspecified Folic acid deficiency anaemia NOS	**D52.9 Folate deficiency anaemia, unspecified**
D53 Other nutritional anaemias ***Includes:*** megaloblastic anaemia unresponsive to vitamin B_{12} or folate therapy	**D53 Other nutritional and metabolic anaemias**
D53.0 Protein deficiency anaemia Amino-acid deficiency anaemia Orotaciduric anaemia ***Excludes:*** Lesch-Nyhan syndrome (E79.1)	**D53.0 Protein deficiency anaemia** Amino-acid deficiency anaemia Orotic aciduria ***Excludes:*** Lesch-Nyhan syndrome (E79.1)
D53.1 Other megaloblastic anaemias, not elsewhere classified Megaloblastic anaemia NOS ***Excludes:*** Di Guglielmo's disease (C94.0)	

D52.3 Scorbutic anaemia ***Excludes:*** scurvy (E54)	**D53.1 Scorbutic anaemia** ***Excludes:*** scurvy (E54)
D52.8 Other specified nutritional anaemias Anaemia associated with deficiency of: · copper · molybdenum · zinc ***Excludes:*** nutritional deficiencies without mention of anaemia, such as: · copper deficiency (E61.0) · molybdenum deficiency (E61.5) · zinc deficiency (E60)	**D53.8 Other specified nutritional anaemias** Anaemia associated with copper deficiency ***Excludes:*** nutritional deficiencies without mention of anaemia, such as: copper deficiency (E61.0)
D53.9 Nutritional anaemia, unspecified Simple chronic anaemia ***Excludes:*** anaemia NOS (D64.9)	**D53.9 Nutritional anaemia, unspecified** Simple chronic anaemia ***Excludes:*** anaemia NOS (D64.9)
Haemolytic anaemias (D55-D59)	**Haemolytic anaemias (D55-D59)**
D55 Anaemia due to enzyme disorders **Excludes:** drug-induced enzyme deficiency anaemia (D59.2)	**D55 Anaemia due to enzyme disorders** ***Excludes:*** drug-induced enzyme deficiency anaemia (D59.2)
D55.1 Anaemia due to glucose-6-phosphate dehydrogenase [G6PD] deficiency Favism G6PD deficiency anaemia	**D55.0 Anaemia due to glucose-6-phosphate dehydrogenase [G6PD] deficiency** **D55.1 Anaemia due to other disorders of glutathione metabolism** Anaemia due to: enzyme deficiencies, except G6PD, related to the

	hexose monophosphate [HMP] shunt pathway
D55.2 Anaemia due to disorders of glycolytic enzymes Anaemia: · haemolytic nonspherocytic (hereditary), type II · hexokinase deficiency · pyruvate kinase [PK] deficiency · triose-phosphate isomerase deficiency	**D55.2 Anaemia due to disorders of glycolytic enzymes** Anaemia due to: • Hexokinase deficiency • Glucose-phosphate isomerase deficiency • Phosphofructose kinases deficiency • Aldolase deficiency • Triose-phosphate isomerase deficiency • Phosphoglycerate kinase dificiency • Pyruvate kinase [PK] deficiency • Enolase deficiency
D55.3 Anaemia due to disorders of nucleotide metabolism	**D55.3 Anaemia due to disorders of nucleotide metabolism** Pyrimidine 5'nucleotidase deficiency
D55.8 Other anaemias due to enzyme disorders	**D55.8 Other anaemias due to enzyme disorders** Adenosine deaminase (increased activity)
D55.9 Anaemia due to enzyme disorder, unspecified	**D55.9 Anaemia due to enzyme disorder, unspecified**
D56 Thalassaemia	**D56 Thalassaemia**
D56.0 Alpha thalassaemia ***Excludes:*** hydrops fetalis due to haemolytic disease (P56.-)	**D56.0 Alpha thalassaemia** ***Excludes:*** hydrops fetalis due to haemolytic disease (P56.-)
D56.1 Beta thalassaemia Cooley's anaemia Severe beta thalassaemia Thalassaemia: · intermedia · major	**D56.1 Beta thalassaemia** Cooley's anaemia Severe beta thalassaemia Thalassaemia: · intermedia · major

D56.2 Delta-beta thalassaemia	**D56.2 Delta-beta thalassaemia**
D56.3 Thalassaemia trait	**D56.3 Thalassaemia trait**
D56.4 Hereditary persistence of fetal haemoglobin [HPFH]	**D56.4 Hereditary persistence of fetal haemoglobin [HPFH]**
D56.8 Other thalassaemias	**D56.8 Other thalassaemias**
D56.9 Thalassaemia, unspecified Mediterranean anaemia (with other haemoglobinopathy) Thalassaemia (minor)(mixed)(with other haemoglobinopathy)	**D56.9 Thalassaemia, unspecified** Mediterranean anaemia (with other haemoglobinopathy) Thalassaemia (minor)(mixed)(with other haemoglobinopathy)
D57 Sickle-cell disorders ***Excludes:*** other haemoglobinopathies (D58.-)	**D57 Sickle-cell disorders and other Haemoglobinopathies**
D57.0 Sickle-cell anaemia with crisis Hb-SS disease with crisis	**D57.0 Sickle-cell trait(HbAS)**
D57.1 Sickle-cell anaemia without crisis Sickle-cell: · anaemia } · disease } NOS · disorder }	**D57.1 Sickle-cell anaemia** Sickle-cell: • Anaemia } NOS • Disease }
D57.2 Double heterozygous sickling disorders Disease: · Hb-SC · Hb-SD · Hb-SE	**D57.2 Compound heterozygous sickling disorders** Disease: • Hb-SC • Hb-SD • Hb-SE

· sickle-cell thalassaemia	• sickle-cell beta-thalassaemia Hb S-O-Arab
D57.3 Sickle-cell trait Hb-S trait Heterozygous haemoglobin S	**D57.3 Other hemoglobinopathies** ***Excludes***: HbS (D57), HbM disease (D74.0), HPFH (D56.4) and thalassemic hemoglobinopathies (D56.2) Hb C, Hb D, others Unstable hemoglobins with hemolytic anaemia
D57.8 Other sickle-cell disorders	**D57.8 Other sickle-cell disorders** **D57.9 Sickle cell disorders, unspecified**
D58 Other hereditary haemolytic anaemias	**D58 Hereditary haemolytic anaemias due to membrane defects**
D58.0 Hereditary spherocytosis Acholuric (familial) jaundice Congenital (spherocytic) haemolytic icterus Minkowski-Chauffard syndrome	**D58.0 Hereditary spherocytosis** Hereditary spherocytosis Congenital spherocytic haemolytic anaemia
D58.1 Hereditary elliptocytosis Elliptocytosis (congenital) Ovalocytosis (congenital)(hereditary)	**D58.1 Hereditary elliptocytosis** Heterozygous common elliptocytosis Hereditary elliptocytosis with infantile poikilocytosis Hereditary pyropoikilocytosis Spherocytic elliptocytosis South East Asian Ovalocytosis
D58.2 Other haemoglobinopathies Abnormal haemoglobin NOS Congenital Heinz body anaemia	**D58.2 Hereditary Stomatocytosis** Dehydrated Hereditary Stomatocytosis (Xerocytosis) Overhydrated Hereditary Stomatocytosis

Disease: · Hb-C · Hb-D · Hb-E Haemoglobinopathy NOS Unstable haemoglobin haemolytic disease ***Excludes:*** familial polycythaemia (D75.0) Hb-M disease (D74.0) hereditary persistence of fetal haemoglobin [HPFH] (D56.4) high-altitude polycythaemia (D75.1) methaemoglobinaemia (D74.-)	Hereditary cryohydrocytosis **D58.3 Other membrane defects** Hereditary Acanthocytosis, Abetalipoproteinemia, Chorea-acanthocytosis
D58.8 Other specified hereditary haemolytic anaemias Stomatocytosis	**D58.8 Other specified hereditary haemolytic anaemias**
D58.9 Hereditary haemolytic anaemia, unspecified	**D58.9 Hereditary haemolytic anaemia, unspecified**
D59 Acquired haemolytic anaemia	**D59 Acquired haemolytic anaemia**
D59.0 Drug-induced autoimmune haemolytic anaemia Use additional external cause code (Chapter XX), if desired, to identify drug.	**D59.0 Autoimmune haemolytic anaemias due to warm antibodies** Autoimmune haemolytic disease warm type Idiopathic, Secondary to other disorders (see Chapter XX) for type of disorder
D59.1 Other autoimmune haemolytic anaemias Autoimmune haemolytic disease (cold type)(warm type) Chronic cold haemagglutinin disease	**D59.1 Autoimmune Haemolytic Anaemia due to cold antibodies** Cold haemagglutinin disease Idiopathic cold autoimmune haemolytic anaemia:

Cold agglutinin: · disease · haemoglobinuria Haemolytic anaemia: · cold type (secondary)(symptomatic) · warm type (secondary)(symptomatic) ***Excludes:*** Evans' syndrome (D69.3) haemolytic disease of fetus and newborn (P55.-) paroxysmal cold haemoglobinuria (D59.6)	Secondary to other disorders (see Chapter XX) for type of disorder ***Excludes:*** Evans' syndrome (D69.3) haemolytic disease of fetus and newborn (P55.-) paroxysmal cold haemoglobinuria (D59.2)
D59.2 Drug-induced nonautoimmune haemolytic anaemia Drug-induced enzyme deficiency anaemia Use additional external cause code (Chapter XX), if desired, to identify drug.	**D59.2 Paroxysmal cold hemoglobinuria**
59.3 Haemolytic-uraemic syndrome	**D59.3 Drug-induced autoimmune haemolytic anaemia** Use additional external cause code (Chapter XX), if desired, to identify drug.
59.4 Other nonautoimmune haemolytic anaemias Haemolytic anaemia: · mechanical · microangiopathic · toxic Use additional external cause code (Chapter XX), if desired, to identify cause.	**D59.4 Microangiopathic Hemolytic Anaemias** Haemolytic-uraemic syndrome (HUS) Acquired Thrombotic thrombocytopenic Purpura (TTP) Hereditary TTP (ADAMTS13 deficiency; Factor H deficiency)
59.5 Paroxysmal nocturnal haemoglobinuria [Marchiafava-Micheli] ***Excludes:*** haemoglobinuria NOS (R82.3)	**D59.5 Other non-immune haemolytic anaemias** Haemolytic anaemia: • mechanical (march, prosthetic valves) • toxic • infectious Use additional external cause code (Chapter XX), if desired, to identify cause.

59.6 Haemoglobinuria due to haemolysis from other external causes Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	**D59.6 Paroxysmal nocturnal haemoglobinuria (PNH)- haemolytic**

Aplastic and other anaemias (D60-D64)	Aplastic anaemia and other anaemias (D60-D64)
D60 **Acquired pure red cell aplasia [erythroblastopenia]** Includes: red cell aplasia (acquired)(adult)(with thymoma)	**D60** **Pure red cell aplasia [erythroblastopenia]**
D60.0 **Chronic acquired pure red cell aplasia**	**D60.0** **Chronic acquired pure red cell aplasia** Includes: red cell aplasia (acquired)(adult)(with thymoma)
D60.1 **Transient acquired pure red cell aplasia**	**D60.1** **Transient acquired pure red cell aplasia** Transient erythroblastopenia of childhood
D60.8 **Other acquired pure red cell aplasias**	**D60.2** **Constitutional pure red cell aplasia** Blackfan-Diamond syndrome Familial hypoplastic anaemia with malformations
D60.9 **Acquired pure red cell aplasia, unspecified**	**D60.8** **Other acquired pure red cell aplasias**
	D60.9 **Acquired pure red cell aplasia, unspecified**
D61 **Other aplastic anaemias** Excludes: agranulocytosis (D70)	**D61** **Aplastic anaemias** Excludes: agranulocytosis (D70)
D61.0 **Constitutional aplastic anaemia** Aplasia, (pure) red cell (of): · congenital · infants · primary Blackfan-Diamond syndrome Familial hypoplastic anaemia Fanconi's anaemia Pancytopenia with malformations	**D61.0** **Constitutional aplastic anaemia** Fanconi anaemia Dyskeratosis congenita Schwachman-Diamond syndrome Noonan syndrome Pearson's syndrome Reticular Dysgenesis Cartilage-Hair Hypoplasia Seckel syndrome Dubowitz syndrome Other familial aplastic anaemia with malformations Other familial aplastic anaemias, unspecified
D61.1 **Drug-induced aplastic anaemia** Use additional external cause code (Chapter XX), if desired, to identify drug.	**D61.1** **Drug-induced aplastic anaemia** Use additional external cause code (Chapter XX), if desired, to identify drug.
D61.2 **Aplastic anaemia due to other external agents**	

Use additional external cause code (Chapter XX), if desired, to identify cause.	**D61.2** **Aplastic anaemia due to other external agents** Use additional external cause code (Chapter XX), if desired, to identify cause.
D61.3 **Idiopathic aplastic anaemia**	**D61.3** **Idiopathic aplastic anaemia**
D61.8 **Other specified aplastic anaemias**	**D61.4** **Aplastic anemia with PNH**
D61.9 **Aplastic anaemia, unspecified** Hypoplastic anaemia NOS Medullary hypoplasia Panmyelophthisis	**D61.8** **Other specified aplastic anaemias**
	D61.9 **Aplastic anaemia, unspecified** Hypoplastic anaemia NOS
D62 **Acute posthaemorrhagic anaemia** Excludes: congenital anaemia from fetal blood loss (P61.3)	**D62** **Acute posthaemorrhagic anaemia** Excludes: congenital anaemia from fetal blood loss (P61.3)
D63* **Anaemia in chronic diseases classified elsewhere**	**D63*** **Anaemia of chronic diseases (ACD) classified elsewhere**
D63.0* **Anaemia in neoplastic disease (C00-D48+)**	**D63.0*** **Anaemia in neoplastic disease (C00-D48+)** Conditions in Chapter 2 (C00–D48)
D63.8* **Anaemia in other chronic diseases classified elsewhere**	**D63.8*** **Anaemia in other chronic diseases classified elsewhere** Anaemia in chronic kidney disease ≥ stage 3 (N18.3 – N18.5†)
D64 **Other anaemias** Excludes: refractory anaemia: · NOS (D46.4) · with excess of blasts (D46.2) · with transformation (D46.3) · with sideroblasts (D46.1) · without sideroblasts (D46.0)	**D64** **Sideroblastic anaemias** Excludes: refractory anaemia: • NOS (D46.4) • with excess of blasts (D46.2) • with transformation (D46.3) • with sideroblasts (D46.1) • without sideroblasts (D46.0)