

Hematology Major Category Code Headings		Revised 8/22/19
1	Basic methodology and test armamentarium	20000
2	Normal hematopoiesis & hemostasis	20100
3	RBC disorders, non-neoplastic	20340
4	WBC disorders, non-neoplastic	20390
5	Benign hematopoietic disorders with abnormalities in more than one lineage	20490
6	Infectious disorders expressed in the peripheral blood	20520
7	Benign disorders involving bone marrow not otherwise classifiable	20550
8	Benign disorders of lymphoid tissues	20600
9	Fluid specimens	20660
10	Immunodeficiency disorders	20690
11	Hemostasis and Thrombosis	20730
12	Myeloid neoplasms	20780
13	Acute leukemias of ambiguous lineage	20850
14	Lymphoid neoplasms	20860
15	Plasma cell neoplasms, paraprotein disorders & amyloidosis	20940
16	Histiocytic/dendritic cell neoplasms	21010
17	Metastatic neoplasms	21040
18	Administration/Laboratory management	21080
19	Professionalism, practice-based learning and improvement, interpersonal and communication skills, systems-based practice	21140

Hematology						
1	Basic methodology and test armamentarium					20000
	A	General hematology testing & instrumentation				20010
		1	General			20011
		2	RBC analysis			20012
		3	WBC analysis			20013
		4	Platelet analysis			20014
	B	Hemoglobinopathy analysis				20020
		1	Alkaline & acid electrophoresis			20021
		2	HPLC			20022
		3	Capillary electrophoresis			20023
		4	Isoelectric focusing			20024
		5	Other Hemoglobinopathy analysis			20025
	C	Morphologic methods				20030
		1	Staining of PB/aspirate smears & tissue sections			20031
			a	Romanovsky type stains		20032
			b	Cytochemical and special hematology stains		20033
			c	Routine and special histologic stains		20034
		2	Peripheral blood review			20035
		3	Fluid review			20036
		4	Bone marrow review			20037
		5	Other Morphologic tissue review			20038
	D	Hemostasis and Thrombosis testing				20040
		1	Sample collection and processing			20041
		2	Coagulation and Fibrinolysis testing			20042
		3	Platelet testing (including von Willebrand disease)			20043
		4	Thrombophilia testing			20044
		5	Other Hemostasis and Thrombosis testing			20045
	E	Immunohistochemistry				20050
		1	Basic methods			20051
		2	Pitfalls			20052
	F	Flow cytometry				20060
		1	Basic methodology			20061
		2	PNH & other non-neoplastic disease testing			20062
		3	Lymphoid testing			20063
		4	Myeloid testing			20064
		5	Other Flow cytometry			20065
	G	Cytogenetic testing				20070
		1	Classical			20071
		2	FISH			20072
		3	Other Cytogenetic testing (aCGH, SNP)			20073
	H	Molecular testing				20080
		1	Clonality/lineage			20081
		2	Translocations/mutations			20082
		3	Other Molecular testing (eg, gene expression array)			20083
		4	Coagulation-related			20084
	I	Other Basic methodology and tests				20090

2 Normal hematopoiesis & hemostasis							20100	
	A	RBC					20110	
	B	WBC					20120	
			1	Myeloid			20121	
				a	Granulocyte		20122	
				b	Monocyte/dendritic cells		20123	
				c	Eosinophils/basophils/mast cells		20124	
				d	Other Myeloid		20125	
			2	Lymphoid			20126	
				a	B-cell		20127	
				b	T-cell		20128	
				c	NK cells		20129	
				d	Other Lymphoid		20130	
	C	Plasma cells					20140	
	D	Normal Hemostasis and Thrombosis						20150
			1	Platelets and Megakaryocytes			20151	
			2	Coagulation and Fibrinolysis			20152	
	E	General hematopoiesis						20160
	F	Pediatric related issues including fetal hematopoiesis						20170
	G	Peripheral blood						20180
	H	Bone marrow						20190
	I	Lymph node						20200
	J	Spleen						20210
	K.	Thymus						20220
	L.	Other lymphoid tissue						20230
3 RBC disorders, non-neoplastic							20340	
	A	Anemias					20350	
			1	Iron deficiency and related			20351	
			2	Sideroblastic anemias			20352	
				a	Inherited		20353	
				b	Acquired		20354	
			3	RBC membrane disorders			20355	
				a	Hereditary spherocytosis		20356	
				b	Hereditary elliptocytosis		20357	
				c	Other RBC membrane disorders (e.g. spur cell)		20358	
			4	RBC enzyme disorders			20359	
				a	G6PD		20360	
				b	Pyruvate kinase deficiency		20361	
				c	Other RBC enzyme disorders		20362	
			5	Other hemolytic anemias			20363	
				a	Immune		20364	
				b	Non-immune (e.g. thermal injury)		20365	
			6	Megaloblastic anemias			20366	
			7	Aplastic anemias (RBC or all cell lineages)			20367	
			8	Anemia related to chronic disease & other disorders			20368	
			9	Congenital dyserythropoietic anemia			20369	
			10	Hemoglobinopathies			20370	

				a	Hb S –related disorders	20371
				b	Hb C disorders	20372
				c	Hb E disorders	20373
				d	Other Hemoglobinopathies	20374
			11		Thalassemias, alpha and beta	20375
			12		PNH	20376
			13		Porphyrias	20377
			14		Other Anemias	20378
		B			Erythrocytosis	20380
		C			Cold agglutinin disease	20385
		D			Abnormal red cell morphology, NOS	20386
		4 WBC disorders, non-neoplastic				20390
		A			Inherited disorders with morphologic correlates	20400
				1	Alder-Reilly anomaly	20401
				2	Pelger-Huet anomaly	20402
				3	Chediak-Higashi syndrome	20403
		B			Neutrophils – quantitative & qualitative	20410
		C			Monocytes - quantitative and qualitative	20420
		D			Histiocytic disorders	20430
				1	Storage disorders	20431
				2	Macrophage activation disorders/hemophagocytic syndrome	20432
				3	Other Histiocytic disorders	20433
		E			Dendritic disorders	20440
		F			Lymphocytes – quantitative	20450
		G			Lymphocytes – other	20460
		H			Eosinophils & basophils	20470
		I			Plasma cells	20480
		5 Benign hematopoietic disorders with abnormalities in more than one lineage				20490
		A			Inherited disorders (including May-Hegglin anomaly)	20500
		B			Other Benign hematopoietic disorders	20510
		6 Infectious disorders expressed in the peripheral blood				20520
		A			RBC/plasma infections	20530
				1	Malaria	20531
				2	Babesia	20532
				3	Other RBC/plasma infections	20533
		B			WBC infections	20540
				1	Anaplasma/Ehrlichia	20541
				2	Other WBC infections (e.g. fungi, infectious mononucleosis)	20542
		7 Benign disorders involving bone marrow not otherwise classifiable				20550
		A			Therapy related effects	20560
		B			Infectious disorders	20570
				1	Parvovirus	20571
		C			Bone abnormalities	20580
				1	Paget disease	20581
				2	Renal osteodystrophy	20582
				3	Other Bone abnormalities	20583
		D			Other Benign Disorders of Bone Marrow	20590

8 Benign disorders of lymphoid tissues				20600
	A	Lymph node		20610
		1	Cat scratch disease	20611
		2	Toxoplasmosis	20612
		3	Other infectious disorders	20613
		4	Kikuchi-Fujimoto disease (histiocytic necrotizing lymphadenitis)	20614
		5	Rosai-Dorfman disease	20615
		6	Castleman disease	20616
		7	Dermatopathic lymphadenopathy	20617
		8	Autoimmune disorders	20618
		9	Non-lymphoid inclusions (e.g. mesothelial)	20619
		10	Infectious mononucleosis	20620
		11	Syphilis	20621
		12	Drug-related (eg, phenytoin)	20622
		13	Other Lymph node	20623
	B	Spleen		20630
		1	Lymphoid hyperplasias	20631
		2	Splenic cysts & other non-hematopoietic proliferations (eg, hamartomas)	20632
		3	Other Spleen	20633
	C	Thymus		20640
		1	Thymic hyperplasia	20641
		2	Other Thymus (e.g. thymoma)	20642
	D	Extranodal		20650
9 Fluid specimens				20660
	A	CSF		20670
	B	Other body fluids including semen analysis		20680
10 Immunodeficiency disorders				20690
	A	Primary		20700
	B	Secondary		20710
		1	Viral-associated	20711
		2	Iatrogenic	20712
	C	Immunodeficiency-associated lymphoproliferative disorders		20720
		1	HIV-associated	20721
		2	PTLD	20722
		3	Other iatrogenic lymphoproliferative disorders	20723
11 Hemostasis and Thrombosis				20730
	A	Coagulation -and Fibrinolytic Disorders		20740
		1	Factor deficiencies or functional abnormalities	20741
		2	Factor inhibitors	20742
		3	Fibrinolysis	20743
	B	Platelet disorders and von Willebrand Disease		20750
		1	Qualitative, normal platelet count	20751
		2	Thrombocytosis	20752
		3	Thrombocytopenia	20753
			a Inherited	20754

				b	Immune	20755
				c	Other Thrombocytopenia	20756
			4		von Willebrand Disease	20757
			5		Abnormal platelet morphology, NOS	20758
		C			Thrombophilic disorders	20760
			1		Laboratory diagnosis of thrombosis and thrombophilia	20761
			2		Fibrinolytic thrombotic disorders	20762
			3		Heparin induced thrombocytopenia	20763
			4		Antiphospholipid antibody syndrome	20764
			5		TTP/HUS	20765
			6		DIC	20766
		D			Antiplatelet and anticoagulant drugs	20770
			1		Warfarin and warfarin monitoring	20771
			2		Heparin and heparinoid monitoring	20772
			3		Direct thrombin and Factor Xa inhibitor monitoring	20773
			4		Antiplatelet agent monitoring	20774
					12 Myeloid neoplasms	20780
		A			Myeloproliferative neoplasms	20790
			1		CML (BCR-ABL1+)	20791
			2		Poicythemia vera	20792
			3		Primary myelofibrosis	20793
			4		Essential thrombocythemia	20794
			5		Chronic eosinophilic leukemia, NOS	20795
			6		Mastocytosis	20796
			7		Other Myeloproliferative neoplasms	20797
		B			Myeloid & lymphoid neoplasms with eosinophilia & gene rearrangement (PDGFGRA, PDGFRB, FGFR1, PCM1-JAK2)	20800
		C			Myelodysplastic/myeloproliferative neoplasms	20810
			1		CMML	20811
			2		Juvenile myelomonocytic leukemia	20812
			3		Other MDS/MPN (including atyp CML, BCR-ABL1-)	20813
		D			Myelodysplastic syndromes	20820
		E			AML and related precursor neoplasms	20830
			1		AML with recurrent genetic abnormalities	20831
				a	AML with t(8;21)	20832
				b	AML with inv(16) or t(16;16)	20833
				c	APL with t(15;17)	20834
				d	AML with t(9;11)	20835
				e	Other AML with recurrent genetic abnormalities	20836
			2		AML with myelodysplasia-related changes	20837
			3		Therapy-related myeloid neoplasms	20838
			4		AML, NOS	20839
				a	Acute monoblastic/monocytic leukemia	20840
				b	Acute erythroid leukemia	20841
				c	Acute megakaryoblastic leukemia	20842
				d	Other AML, NOS	20843
			5		Myeloid sarcoma	20844

			6	Myeloid proliferations related to Down syndrome/Myeloid neoplasms with germline predisposition	20845
			7	Blastic plasmacytoid dendritic cell neoplasm	20846
				13 Acute leukemias of ambiguous lineage	20850
				14 Lymphoid neoplasms	20860
		A		B lymphoblastic leukemia/lymphoma	20870
			1	B lymphoblastic leukemia/lymphoma, NOS	20871
			2	B lymphoblastic leukemia/lymphoma, with recurrent genetic abnormalities	20872
			3	Other B lymphoblastic leukemia/lymphoma	20873
		B		T lymphoblastic leukemia/lymphoma	20880
		C		Mature B-cell neoplasms	20890
			1	CLL/SLL includes monoclonal B-cell lymphocytosis	20891
			2	SMZL	20892
			3	HCL	20893
			4	LPL	20894
			5	MALT lymphoma	20895
			6	Nodal MZL	20896
			7	Follicular lymphoma, includes in situ	20897
			8	Mantle cell lymphoma, includes in situ	20898
			9	Large B-cell lymphomas	20899
				a Diffuse large B-cell lymphoma (NOS)	20900
				b Other large B-cell lymphoma	20901
			10	Burkitt lymphoma	20902
			11	Cutaneous B-cell lymphomas	20903
			12	Other Mature B-cell neoplasms	20904
		D		Mature T- and NK-cell neoplasms	20910
			1	T-cell PLL	20911
			2	T-cell and NK-cell LGL	20912
			3	Adult T-cell leukemia/lymphoma	20913
			4	Extranodal NK/T-cell lymphoma, nasal type	20914
			5	Enteropathy-associated T-cell lymphoma and other intestinal T-cell lymphomas	20915
			6	Hepatosplenic T-cell lymphoma	20916
			7	Mycosis fungoides & Sézary Syndrome	20917
			8	CD30+ cutaneous lymphoproliferative disorders	20918
			9	Other cutaneous T-cell lymphomas	20919
			10	PTCL, NOS	20920
			11	Angioimmunoblastic T-cell lymphoma	20921
			12	Anaplastic large cell lymphoma (ALK+ and ALK-)	20922
			13	Other Mature T- and NK-cell neoplasms	20923
		E		Hodgkin lymphoma	20930
			1	Nodular lymphocyte predominant	20931
			2	Classic	20932
				15 Plasma cell neoplasms, paraprotein disorders & amyloidosis	20940

	A	Plasma cell myeloma	20950
	B	Heavy chain diseases	20960
	C	Cryoglobulinemia	20970
	D	POEMS	20980
	E	Amyloidosis	20990
	F	Other Plasma cell neoplasms/MGUS	21000
16		Histiocytic/dendritic cell neoplasms	21010
	A	Langerhans cell histiocytosis/sarcoma	21020
	B	Other Histiocytic/dendritic cell neoplasms	21030
17		Metastatic neoplasms	21040
	A	Bone marrow	21050
	B	Lymph node	21060
	C	Other Metastatic neoplasms	21070
18		Administration/Laboratory management	21080
	A	Managing a laboratory	21090
	B	Rules and regulations	21100
	C	Laboratory inspections	21110
	D	QA/QC issues	21120
	E	Other Administration/Laboratory management	21130
19		Professionalism, practice-based learning and improvement, interpersonal and communication skills, systems-based practice	21140