

Table 6 [=IMG4]: ICD-9-CM Codes to Identify Infection

General Diagnosis	Diagnosis Detail	ICD-9-CM Code
Amebic brain abscess		006.5
Tuberculosis of meninges and central nervous system		013.0
Meningococcal meningitis		036.0
HIV		042
Meningitis due to enterovirus		047
Other enterovirus diseases of the central nervous system		048
Other non-arthropod-borne viral diseases of central nervous system		049
Postvaricella encephalitis		052.0
Herpes zoster with meningitis		053.0
Herpetic meningoencephalitis		054.3
Herpes simplex meningitis		054.72
Postmeasles encephalitis		055.0
Rubella with neurological complications		056.0x
Other human herpesvirus encephalitis		058.2
Mosquito-borne viral encephalitis		062.x
Tick-borne viral encephalitis		063.x
Viral encephalitis transmitted by other and unspecified arthropods		064
West Nile fever with encephalitis		066.41
Mumps meningitis/encephalitis		072.1, 072.2
Meningitis	Bacterial	320.xx
	Other organisms	321.x
	Unspecified cause	322.x
Encephalitis, myelitis, encephalomyelitis		323.xx
Intracranial and intraspinal abscess		324.x

Table 7 [=IMG5]: ICD-9-CM Codes to Identify Neoplasm/Blood Disorder

General Diagnosis	Diagnosis Detail	ICD-9-CM Code
Malignant neoplasm of brain		191.x
Malignant neoplasm of pituitary gland		194.3
Malignant neoplasm of pineal gland		194.4
Secondary malignant neoplasm of other sites – brain		198.3
Benign neoplasm of brain		225.0
Benign neoplasm of cranial nerves		225.1
Benign neoplasm of cerebral meninges		225.2
Neoplasm of uncertain behavior – pituitary		237.0
Neoplasm of uncertain behavior – pineal gland		237.1
Neurofibromatosis		237.7x
Personal history of malignant neoplasm of – brain		V10.85
Sickle cell disease		282.6
Pancytopenia		284.1
Coagulation defects		286.x
Purpura and other hemorrhage conditions	Qualitative platelet defects	287.1
	Primary thrombocytopenia	287.3x
	2ndary thrombocytopenia	287.4
	Thrombocytopenia, unspecified	287.5
	Other specified hemorrhagic conditions	287.8
	Unspecified hemorrhage conditions	287.9
Other specific diseases of blood and blood forming organs	Primary hypercoagulable state	289.81
	2ndary hypercoagulable state	289.82
Anticoagulants (<i>Adverse Effects in Therapeutic Use</i>)		E934.2

Table 8 [=IMG6]: ICD-9-CM Codes to Identify Hydrocephalus and Central Nervous System (CNS) Anomalies

General Diagnosis	Diagnosis Detail	ICD-9-CM Code
Precocious puberty		259.1
Hydrocephalus		
Obstructive hydrocephalus		331.4
Congenital hydrocephalus		742.3
Spina bifida with hydrocephalus		741.0
Mechanical complication of CNS device, implant, graft		996.2
Infection and inflammatory reaction due to CNS device, implant, and graft		996.63
Other complications of internal prosthetic device, implant, and graft due to CNS device, implant, and graft		996.75
Presence of cerebrospinal fluid drainage device		V45.1
Mucopolysaccharidosis (hydrocephalus and seizure)		277.5
CNS and skull anomalies		
Other congenital anomalies of nervous system	Encephalocele	742.0
Reduction deformities of brain	Absence part of brain, agenesis part of brain, agyria, lissencephaly, microgyria, etc	742.2
Other specified anomalies of brain	Congenital cerebral cyst, macrocephaly, etc	742.4
Conditions increasing risk for Hydrocephalus	Dwarfism, NOS	259.4
	Achondroplastic dwarfism	756.4
	Spina bifida	740.x
Other congenital musculoskeletal anomalies	Anomalies of skull face bones Includes craniosynostosis	756.0
Other and unspecified congenital anomalies	Tuberous sclerosis	759.5
Other conditions of the brain	Cerebral cysts	348.0
	Idiopathic intracranial hypertension	348.2
CNS complications from surgically implanted device		349.1

Table 9 [=IMG7]: ICD-9-CM Codes to Identify Congenital Heart Disease

General Diagnosis	Diagnosis Detail	ICD-9-CM Code
Bulbus cordis/cardiac septal closure anomalies	Common truncus	745.0
	Transposition	745.1x
	Tetrology of Fallot	745.2
	Common Ventricle	745.3
	Ventricular Septal Defect	745.4
	Atrial septal defect	745.5
	Endocardial cushion defects	745.6
	Cor biloculare	745.7
	Other	745.8
	Unspecified	745.9
Other congenital anomalies of the heart	Anomalies of pulmonary valve	746.0
	Tricuspid atresia and stenosis	746.1
	Ebstein's anomaly	746.2
	Stenosis of aortic valve	746.3
	Insufficiency of aortic valve	746.4
	Congenital mitral stenosis	746.5
	Congenital mitral insufficiency	746.6
	Hypoplastic left heart	746.7
Other specified anomalies of the heart	Subaortic stenosis	746.81
	Cor triatriatum	746.82
	Infundibular pulmonic stenosis	746.83
	Obstructive anomalies of heart	746.84
Other personal history presenting hazards to health	Surgery to heart and great vessels	V15.1

Table 10 [=IMG8]: ICD-9-CM Codes to Identify Vascular Disease

General Diagnosis	Diagnosis Detail	ICD-9-CM Code
Hemangioma of unspecified site (includes cavernous malformation)		228.00
Phlebitis/thrombophlebitis of intracranial venous sinuses		325
Occlusion and stenosis of precerebral arteries	Basilar artery	433.0
	Carotid artery	433.1
	Vertebral artery	433.2
	Multiple and bilateral	433.3
	Other specified	433.8
	Unspecified	433.9
Occlusion of the cerebral arteries	Cerebral thrombosis	434.0
	Cerebral embolism	434.1
	Cerebral artery occlusion	434.9
Transient cerebral ischemia	Basilar artery syndrome, vertebral artery syndrome, etc	435.x
Cerebral aneurysm, nonruptured		437.3
Moyamoya disease		437.5
Nonpyogenic thrombosis of intracranial venous sinus		437.6
Other congenital anomalies of the circulatory system	Coarctation of the aorta	747.1
	Other anomalies of the aorta	747.2x
Other specified anomalies of circulatory system (includes arteriovenous malformation)	Cerebrovascular anomalies	747.81
	Other (aneurysm)	747.89
Other venous embolism/thrombosis unspecified site		753.9
Other and unspecified intracranial hemorrhage		432.x
Personal history of other certain diseases	TIA and cerebral infarction	V12.5

