Neuropathology Major Category Code Headings												Updated 7/10/2024
1	General neuroanatomy, pathology, and staining											65000
2	Developmental neuropathology, NOS											65400
3	Epilepsy											66230
4	Vascular disorders											66300
5	Trauma											66600
6	Infectious/inflammatory disease											66750
7	Demyelinating diseases											67200
8	Complications of systemic disorders											67300
9	Aging and neurodegenerative diseases											68000
10	Prion diseases											68400
11	Neoplasms											68500
	Neoplasms-Nonpituitary [68500-69236] [69256-69394] [69470-69499]											
	Neoplasms-Pituitary [69237-69255], [69450-69455]											
12	Skeletal Muscle											69500
13	Peripheral Nerve											69800
14	Ophthalmic pathology											69910
Neuropathology												
1	General neuroanatomy, pathology, and staining											65000
		A	Neuroanatomy, NOS									65010
				1	Neocortex							65011
				2	White matter							65012
				3	Entorhinal cortex/hippocampus							65013
				4	Deep (basal) nuclei							65014
				5	Brain stem							65015
				6	Cerebellum							65016
				7	Spinal cord							65017
				8	Pituitary							65018
				9	Pineal							65019
				10	Tracts							65020
				11	Vascular supply							65021
				12	Notochord							65022
		B	Cell types									65030
				1	Neurons							65031
				2	Astrocytes							65032
				3	Oligodendroglia							65033
				4	Ependyma							65034
				5	Microglia and mononuclear cells							65035
				6	Choroid plexus							65036
				7	Meninges							65037
				8	Blood vessels							65038
		C	Cerebrospinal fluid									65045
		D	Pathologic responses in neurons and axons									65050
				1	Axonal degeneration/spheroid/reaction							65051
				2	Central chromatolysis							65052

				3	Tract degeneration				65053
				4	Swollen/ballooned neurons				65054
				5	Trans-synaptic neuronal degeneration				65055
				6	Olivary hypertrophy				65056
				7	Acute ischemic (hypoxic) cell change				65057
				8	Apoptosis				65058
				9	Protein aggregation				65059
				10	Protein degradation/ubiquitin pathway				65060
		E	Neuronal nuclear inclusions						65100
				1	Marinesco bodies				65101
				2	Viral inclusions, NOS				65102
						a	Cowdry type A		65103
				3	Inclusions due to neurodegenerative disorders				65104
		F	Neuronal cytoplasmic inclusions, NOS						65130
				1	Cytoskeletal and filamentous inclusions, NOS				65131
						a	Hirano bodies		65132
						b	Eosinophilic thalamic inclusions		65133
						c	Rod-like cytoplasmic inclusions		65134
						d	Filamentous inclusions		65135
						e	Lewy bodies		65136
						f	Neurofibrillary tangles		65137
						g	Pick bodies		65138
						h	Motor neuron disease (MND) inclusions		65139
				2	Cytosolic inclusions				65180
						a	Lafora bodies		65181
						b	Eosinophilic inclusions in inferior olives		65182
						c	Storage products in neurometabolic diseases		65183
				3	Membrane-bound cytoplasmic inclusions				65200
						a	Colloid inclusions		65201
						b	Bunina bodies		65202
						c	Inclusions derived from acid vesicle system		65203
						d	Lipofuscin		65204
						e	Granulovacuolar degeneration		65205
						f	Storage products in neurometabolic diseases		65206
		G	Pathologic reactions of astrocytes						65260
				1	Astrocyte swelling				65261
				2	Reactive gliosis				65262
				3	Inclusions (nuclear)				65263
				4	Inclusions (cytoplasmic)				65264
				5	Rosenthal fibers				65265
				6	Eosinophilic granular bodies				65266
				7	Corpora amylacea				65267
				8	Alzheimer type II gliosis				65268
		H	Pathologic reactions of oligodendrocytes						65310
				1	Demyelination/remyelination				65311

				2	Dysmyelination					65312
				3	Intramyelinic vacuolization					65313
				4	Inclusions (nuclear)					65314
				5	Inclusions (cytoplasmic)					65315
		I	Pathologic reactions of ependymal cells							65330
				1	Subventricular gliosis (granular ependymitis/ependymal granulations)					65331
				2	Subependymal rosettes/tubules					65332
				3	Inclusions in ependymal cells					65333
						a	Biondi bodies			65334
		J	Pathologic reactions of choroid plexus							65340
		K	Pathologic reactions of microglia							65350
				1	Microglial activation					65351
				2	Microglial (Babes) nodule					65352
		L	Mineralization in the brain							65360
				1	Dystrophic calcification (e.g. “egg shell” leptomeningeal)					65361
				2	Secondary mineralization associated with other disorders (Ca^{++} metabolism, mitochondria, infection, ischemia, degenerative)					65362
		M	Pigmentations of the brain/dura/meninges							65365
		N	Edema							65370
				1	Cytotoxic edema					65371
				2	Vasogenic edema					65372
				3	Herniation					65373
		O	Artifacts of tissue handling/foreign material							65375
		P	Staining methods and special microscopy							65380
				1	Histochemical stains					65381
				2	Immunohistochemical stains					65382
				3	Confocal microscopy					65383
				4	Fluorescence microscopy					65384
				5	Polarized light microscopy					65385
				6	Ultrastructural microscopy					65386
		Q	Molecular techniques							65390
				1	In situ hybridization					65391
2	Developmental neuropathology, NOS									65400
		A	Fetal and neonatal hypoxic-ischemic lesions							65410
				1	Hydranencephaly					65420
				2	Basket brain					65421
				3	Porencephaly					65422
				4	Schizencephaly					65423
				5	Multicystic encephalopathy					65424
				6	Acute/subacute white matter lesions					65425
						a	Diffuse white matter gliosis			65426
						b	Periventricular leukomalacia			65427

				7	Acute gray matter lesions							65429
						a	Cerebral cortical necrosis					65430
						b	Pontosubicular necrosis					65431
						c	Basal ganglia and thalamic lesions					65432
						d	Cerebellar lesions					65433
						e	Brain stem lesions					65434
						f	Spinal cord lesions					65435
		B	Perinatal hemorrhages, NOS									65440
				1	Subdural hemorrhage							65441
				2	Subarachnoid hemorrhage							65442
				3	Subpial hemorrhage							65443
				4	Subependymal germinal plate/matrix hemorrhage							65444
				5	Cerebral parenchymal hemorrhage							65445
				6	Periventricular hemorrhagic infarct							65446
				7	Cerebellar hemorrhage							65447
				8	Choroid plexus hemorrhage							65448
				9	Intraventricular hemorrhage							65449
		C	Chronic lesions									65530
				1	Post-hemorrhagic lesions							65531
				2	Periventricular cysts and/or gliosis							65532
				3	Post-hemorrhagic hydrocephalus							65533
				4	Laminar necrosis							65534
				5	Ulegyria							65535
				6	Status marmoratus							65536
				7	Unilateral hypertrophy of the pyramidal tract							65537
				8	Crossed cerebellar atrophy							65538
				8	Post-hypoxic/ischemic brainstem injury							65539
		D	Malformations, NOS									65580
				1	Defects of neural tube closure							65590
						a	Anencephaly					65591
						b	Myelomeningocele					65592
						c	Rachischisis					65593
				2	Herniation of neural tube through axial mesodermal defects							65595
						a	Encephalocele					65596
						b	Meningocele					65597
						c	Occult spina bifida					65598
				3	Chiari malformations							65620
						a	Chiari type I malformation					65621
						b	Chiari type II (Arnold-Chiari) malformation					65622
						c	Chiari type III malformation					65623
				4	Disorders of forebrain induction							65640
						a	Holoprosencephaly					65641
								i	Alobar holoprosencephaly			65642
								ii	Semilobar holoprosencephaly			65643

								iii	Lobar holoprosencephaly		65644
						b	Olfactory aplasia				65645
						c	Atelencephaly and aprosencephaly				65646
						d	Agenesis of the corpus callosum				65647
						e	Anomalies of the septum pellucidum				65648
						f	Septo-optic dysplasia				65649
						g	Cavum septi pellucidi and cavum vergae				65650
				5	Neuronal migration defects						65690
						a	Agyria				65691
						b	Lissencephaly Type I				65692
						c	Lissencephaly Type II (cobblestone lissencephaly)				65693
								i	Cerebro-ocular dysplasias		65694
								ii	Walker-Warburg syndrome		65695
								iii	HARD+/-E		65696
								iv	Cerebro-ocular dysplasia-muscular dystrophy syndrome (COD-MD)		65697
								v	Fukuyama congenital muscular dystrophy		65698
								vi	Muscle-eye-brain disease		65699
						d	Pachygyria				65700
						e	Neu-Laxova syndrome				65701
						f	Polymicrogyria				65702
						g	Chondrodysplasias				65703
						h	Neuronal heterotopias within cerebral white matter				65704
						i	Diffuse neuronal heterotopia				65705
						j	Nodular heterotopia				65706
						k	Laminar heterotopia				65707
						l	Cortical microdysgenesis				65708
						m	Focal cortical dysplasia (malformation of cortical development), NOS				65709
								i	Cortical dysplasia with cytomegaly		65710
								ii	Cortical dysplasia with hemimegalencephaly		65711
								iii	Nodular cortical dysplasia		65712
								iv	Cortical dysplasia with balloon cells		65713
								v	Cortical dysplasia without balloon cells		65714
						n	Leptomeningeal glioneuronal heterotopia				65715
						o	Status verrucosus simplex or status pseudoverrucosus				65716
						p	Hippocampal anomalies				65717
				6	Microcephaly						65820
				7	Chromosomal and single gene defects						65830

						a	Down Syndrome			65831
						b	Fragile X Syndrome			65832
						c	Adult polyglucosan body disease -genetic mut			65833
				8	Megalencephaly					65890
				9	Malformations of the cerebellum					65900
						a	Cerebellar agenesis			65901
						b	Dandy-Walker syndrome			65902
						c	Joubert syndrome			65903
						d	Pontoneocerebellar hypoplasia			65904
						e	Cerebellar hypoplasia in other contexts			65905
						f	Granule cell aplasia			65906
						g	Cerebellar heterotopias			65907
						h	Cerebellar cortical dysplasia			65908
						i	Chiari type I malformation		stet	65621
						j	L'Hermitte-Duclos disease			65909
				10	Brain stem malformations					65940
						a	Olivary heterotopia			65941
						b	Olivary and dentate dysplasias			65942
						c	Möbius syndrome			65943
						d	Syringobulbia			65944
				11	Abnormalities of the pyramidal tracts					65960
				12	Malformations of the spinal cord					65970
						a	Syringomyelia/hydromyelia			65971
						b	Diastematomyelia			65972
						c	Tethered cord			65973
		E	Arthrogryposis multiplex congenita							65980
		F	Dysgenetic syndromes							66000
				1	Sturge-Weber syndrome					66001
				2	Tuberous sclerosis (Bourneville disease)					66002
				3	Neurofibromatosis (NF1)					66003
				4	Neurofibromatosis (NF2)					66004
		G	Hydrocephalus							66010
				1	Congenital aqueductal stenosis					66011
				2	Obstruction of the fourth ventricular exit foramina					66012
				3	Secondary obstruction of the CSF (post-inflammatory/hemorrhagic)					66013
		H	Metabolic/environmental/iatrogenic factors							66020
				1	Intrauterine growth retardation					66021
				2	Phenylketonuria					66022
				3	Fetal alcohol syndrome					66023
				4	Maternal irradiation					66024
				5	Maternal infection, NOS					66025
						a	CMV			66026
						b	HSV			66027
				6	Kernicterus					66028

		I	Disorders that primarily affect white matter			66040
			1	Pelizaeus-Merzbacher disease		66041
			2	Canavan disease		66042
			3	Alexander disease		66043
		J	Neurodegenerative disorders of gray matter in childhood			66050
			1	Alpers-Huttenlocher syndrome/progressive neuronal degeneration of childhood		66051
		K	Basal ganglia			66070
			1	Holotopistic striatal necrosis (familial striatal degeneration)		66071
			2	Neurodegeneration with brain iron accumulation (Hallervorden-Spatz disease)	stet	68325
		L	Cerebellum			66090
			1	Menkes disease		66091
			2	Ataxia-telangiectasia		66092
			3	Carbohydrate-deficient glycoprotein syndrome type 1		66093
			4	Cerebellocortical degeneration (Jervis)		66094
			5	Autosomal dominant cerebellar ataxia type II		66095
		M	Brain stem			66120
			1	Hereditary motor neuropathy		66121
			2	Infantile neuro-axonal dystrophy		66122
			3	Leigh disease	stet	67610
		N	Spinal cord			66140
		O	Spinal muscular atrophy			66150
			1	SMA type I (Werdnig-Hoffman)		66151
			2	SMA type II (intermediate)		66152
			3	SMA type III (Kugelberg-Welander)		66153
			4	Distal SMA with diaphragmatic paralysis		66154
			5	SMA with cerebellar hypoplasia		66155
			6	SMA with cerebellar atrophy (infantile neuronal degeneration)		66156
			7	Fazio-Londe disease		66157
		P	Vascular diseases			66210
			1	Proliferative vasculopathy and hydranencephaly-hydrocephaly (Fowler syndrome)		66211
			2	Meningocerebral angiodysplasia and renal agenesis		66212
			3	Hemolytic-uremic syndrome		66215
			4	Hemorrhagic shock and encephalopathy syndrome		66216
		Q	Pediatric trauma, NOS		stet	66260
		R	Sudden infant death syndrome		stet	66270
3	Epilepsy					66230
		A	Rasmussen encephalitis			66231
		B	Hemiconvulsion-hemiplegia-epilepsy syndrome			66232
		C	Progressive myoclonic epilepsies			66233
		D	Febrile seizures with/without hippocampal dysgenesis			66234

		E	Hippocampal (mesial temporal) sclerosis										66235
		F	Cortical microdysgenesis									stet	65708
		G	Focal cortical dysplasia (malformation of cortical development), NOS									stet	65709
					1	Cortical dysplasia with cytomegaly						stet	65710
					2	Cortical dysplasia with hemimegalencephaly						stet	65711
					3	Nodular cortical dysplasia						stet	65712
					4	Cortical dysplasia with balloon cells						stet	65713
					5	Cortical dysplasia without balloon cells						stet	65714
		H	Myoclonic epilepsy with ragged-red fibers (MERRF)									stet	67602
4	Vascular disorders												66300
		A	Adult hypoxic and ischemic lesions										66310
					1	Cerebral blood flow							66311
					2	Hypoxic insult							66312
					3	Ischemic insult							66313
					4	Hypoxic-ischemic encephalopathy							66314
							a	Acute/subacute hypoxic-ischemic encephalopathy					66315
							b	Chronic hypoxic-ischemic encephalopathy					66316
					5	Borderzone hypoxic-ischemic damage							66317
					6	Persistent vegetative state (nontraumatic)							66318
					7	Brain death syndrome							66319
					8	Laminar necrosis							66320
					9	Hippocampal ischemic injury							66321
		B	Vascular disease and infarcts										66330
					1	Atherosclerosis							66331
					2	Fibromuscular dysplasia							66332
					3	Moyamoya disease							66333
					4	Arterial dissection							66334
					5	Human immunodeficiency virus-associated arteriopathies							66335
					6	Cerebrovascular disease associated with anti phospholipid antibodies							66336
					7	Arteriolosclerosis							66337
					8	Ischemic leukoencephalopathy							66338
					9	Ischemic "gliosis"							66339
					10	Siderocalcinosis/ferrugination microvessels BG (Fahr disease)							66340
					11	Binswanger disease							66341
					12	CADASIL							66342
					13	CARASIL							66343
					14	COL4A1							66344
					15	Retinocochleocerebral vasculopathy (Susac syndrome)							66345
					16	TTP							66346
					4.B.17	Hypertensive vascular changes							66348

		C	Angiitis and vasculitis									66410
				1	Primary angiitis of the CNS							66411
				2	Secondary angiitis due to systemic vasculitides							66412
				3	Angiitis of the peripheral nervous system							66413
				4	Kawasaki disease							66414
				5	Takayasu arteritis							66415
				6	A-beta related angiitis (ABRA)						stet	66513
				7	Giant cell/temporal arteritis							66416
		D	Embolic disorders									66430
				1	Infectious							66431
				2	Non-infectious							66432
						a	Atheroemboli					66433
						b	Air embolism					66434
						c	Fat embolism					66435
						d	Iatrogenic, NOS					66436
		E	Cerebral venous thrombosis									66440
		F	CNS infarct (acute/subacute/chronic)									66450
				1	Infarcts caused by (thromboembolic) occlusion of large arteries							66451
				2	Spinal cord infarcts							66452
				3	Watershed or border zone infarcts							66453
				4	Lacunar infarcts							66454
				5	Hemorrhagic infarcts							66455
				6	Iatrogenic infarcts							66456
		G	Spontaneous Hemorrhage									66460
				1	Spontaneous extradural (epidural) hemorrhage							66461
				2	Spontaneous subdural hemorrhage							66462
				3	Spontaneous subarachnoid hemorrhage							66463
				4	Hypertensive brain hemorrhage							66464
				5	Lobar brain hemorrhage (non-amyloid related)							66465
				6	Brain hemorrhage secondary to systemic disease or medical therapy							66466
				7	Brain hemorrhage secondary to illicit drug use							66467
				8	Brain hemorrhage secondary to non-vascular pathologies							66468
		H	Cerebral amyloid angiopathy									66510
				1	Age-related							66511
				2	Brain hemorrhage							66512
				3	A-beta related angiitis (ABRA)							66513
				4	Inherited amyloidoses (non-A-beta)							66514
				5	Systemic amyloidoses							66515
		I	Aneurysms									66530
				1	Berry (saccular) aneurysms							66531
				2	Infective aneurysms							66532
				3	Fusiform aneurysms							66533
		J	Vascular malformations									66550

				1	Arteriovenous malformation								66551
				2	Cavernous hemangioma								66552
				3	Venous angioma								66553
				4	Capillary telangiectasia								66554
				5	Arteriovenous fistula								66555
				6	Vein of Galen malformation								66556
		K	Miscellaneous vascular disorders										66580
				1	Vascular dementia								66581
				2	Arteriosclerotic pseudoparkinsonism								66582
5	Trauma												66600
		A	Fractures, NOS										66610
				1	Linear skull fracture								66611
				2	Depressed skull fracture								66612
				3	Comminuted skull fracture								66613
				4	Complex skull fracture								66614
				5	Vertebral spine fracture								66615
				6	Pathologic fractures (osteoporosis, metastatic)								66616
				7	Fractures associated with penetrating trauma including bullets								66617
		B	Craniocerebral trauma										66630
				1	Contusion								66631
						a	Coup lesion						66632
						b	Contra-coup lesion						66633
				2	Laceration								66634
				3	Traumatic subarachnoid hemorrhage								66635
				4	Traumatic epidural hematoma								66636
				5	Traumatic subdural hematoma								66637
				6	Intraparenchymal (ball/streak) hemorrhages								66638
		C	Traumatic axonal injury										66650
				1	Diffuse axonal injury								66651
				2	Diffuse vascular injury								66652
				3	Brain swelling and raised intracranial pressure								66653
				4	Missile head injury								66654
				5	Blast head injury								66655
		D	Sequelae of head injury										66680
				1	Chronic traumatic encephalopathy (CTE-MND)								66681
				2	Ischemic damage								66682
				3	Persistent vegetative state (from trauma)								66683
				4	Infection								66684
		E	Traumatic spinal cord injury										66690
6	Infectious/inflammatory disease												66750
		A	Acute viral infections										66760
				1	Aseptic meningitis								66770
				2	Poliomyelitis								66771
				3	Enteroviral encephalitis								66772

				4	Herpesvirus infections						66780
						a	Herpes simplex virus infection				66781
						b	Atypical herpes simplex encephalitis				66782
						c	Necrotizing myelopathy				66783
						d	Varicella-zoster virus infection				66784
						e	Epstein-Barr virus infection (EBV)				66785
						f	Cytomegalovirus infection (CMV)				66786
						g	Human herpesviruses 6 and 7				66787
						h	Neonatal HSV encephalitis				66788
						I	B virus				66789
				5	Adenovirus						66820
				6	Paramyxoviruses						66821
				7	Rubella encephalitis						66822
				8	Rabies						66823
				9	Arbovirus infections						66824
				10	West Nile encephalitis						66825
		B	Chronic and subacute viral infections of the CNS								66850
				1	Chronic enteroviral encephalomyelitis						66851
				2	Subacute measles encephalitides						66852
				3	Measles inclusion body encephalitis						66853
				4	Subacute sclerosing panencephalitis						66854
				5	Progressive rubella panencephalitis						66855
				6	Progressive multifocal leukoencephalopathy						66856
						a	PML associated with natalizumab (Tysabri) therapy for MS				66857
						b	PML-IRIS associated with natalizumab (Tysabri) therapy for MS				66858
				7	Human T cell leukemia/lymphotropic virus-I-associated myelopathy (tropical spastic paraparesis)						66859
				8	Post polio						66860
		C	Human immunodeficiency virus infection (HIV)								66910
				1	HIV encephalitis/leukoencephalitis						66911
				2	HIV-associated neurologic disease (HAND)						66912
				3	Neurological disorders increased in HIV+ population; cerebrovascular disease, etc.						66913
				4	Therapy-associated disorders in HIV+ population						66914
		D	Rickettsial and mycoplasma infections								66950
				1	Rickettsiae						66951
				2	Mycoplasma						66952
		E	Bacterial infections								66960
				1	Acute bacterial meningitis						66961
				2	Cerebritis						66962
				3	Brain abscess						66963
				4	Subdural empyema						66964

				5	Epidural abscess						66965
				6	Tuberculosis						66966
						a	Tuberculomas of the CNS				66967
						b	Spinal epidural tuberculosis				66968
				7	Syphilis						66969
						a	Tabes dorsalis				66970
				8	Lyme neuroborreliosis						66971
				9	Whipple disease						66972
				10	Nocardia						66973
				11	Clostridium tetni (tetanus)						66974
		F	Fungal infections								67080
				1	Aspergillosis						67081
				2	Zygomycosis						67082
				3	Fusarium infection						67083
				4	Scedosporium infection						67084
				5	Chromoblastomycosis						67085
				6	Cryptococcosis						67086
				7	Candidiasis						67087
				8	North American blastomycosis						67088
				9	Coccidioidomycosis						67089
				10	Histoplasmosis						67090
				11	Paracoccidioidomycosis						67091
		G	Parasitic infections								67160
				1	Amebic infections						67161
						a	Cerebral amebic abscess				67162
						b	Primary amebic meningoencephalitis				67163
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				3	Carbon tetrachloride					67713
				4	Ethylene glycol					67714
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				6	Hexacarbon solvents					67716
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				8	Organophosphates					67718
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				4	Argyrophilic grain disease					68094
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				9	Hereditary progressive bulbar palsy						68252
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							a	Infantile neuroaxonal dystrophy Seitelberger disease			68323
							b	Late infantile, juvenile, land adult neuroaxonal dystrophy			68324
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				7	Central autonomic failure						68330
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				1	Gerstmann-Sträussler-Scheinker disease						68414

				2	Fatal familial/sporadic insomnia		68415
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				1	Astrocytoma IDH-mutant, CNS WHO grade 2		68513
				2	Diffuse astrocytoma, NOS		68515
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				4	Glioblastoma, IDH-wildtype		68521
				5	Giant cell glioblastoma		68522
				6	Small cell glioblastoma		68523
				7	Gliosarcoma		68524
				8	Astrocytoma, IDH-mutant, CNS WHO grade 4		68525
				9	Biomarkers		68526
				10	Glioblastoma, epithelioid		68527
		B	Circumscribed astrocytic gliomas				68530
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				3	Pilomyxoid astrocytoma		68533
				4	Pleomorphic xanthoastrocytoma, CNS WHO grades 2 or 3		68534
				5	Chordoid glioma		68535
				6	Subependymal giant cell astrocytoma		68536
				7	Astroblastoma, MN1-altered		68537
				8	Biomarkers		68538
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				1	Oligodendroglioma, IDH-mutant and 1p/19q-codeleted, CNS		68551
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				3	Biomarkers		68557
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				1	Subependymoma		68591
				2	Myxopapillary ependymoma		68592
				3	Supratentorial ependymoma, ZFTA-fusion positive		68593
				4	Supratentorial ependymoma, YAP1-fusion positive		68594
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				7	Posterior fossa group B (PFB) ependymoma		68597
				8	Posterior fossa ependymoma, NOS		68598
				9	Biomarkers		68599
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				2	Atypical choroid plexus papilloma		68632

				3	Choroid plexus carcinoma	68633
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				2	Desmoplastic infantile astrocytoma/ganglioglioma	68692
				3	Dysembryoplastic neuroepithelial tumor	68693
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				23	Sarcoma, primary CNS						69044
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				27	Primary intracranial sarcoma DICER1-mutant						69048
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				1	Diffuse large B-cell lymphoma of CNS						69201
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				3	Myeloid sarcoma						69203
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				9	Pituitary hyperplasia						69255
				10	Hypothalamic hamartoma						69256
		P	Germ cell tumors								69290
				1	Germinoma						69291
				2	Embryonal carcinoma						69292
				3	Yolk sac tumor						69293
				4	Choriocarcinoma						69294
				5	Teratoma, mature						69295
				6	Teratoma, immature						69296
				7	Teratoma with malignant transformation						69297
				8	Malignant mixed germ cell tumor (specify components, eg, germinoma, embryonal, yolk sac, choriocarcinoma, teratoma)						69298
				9	Biomarkers						69299
		Q	Cysts								69340
				1	Epidermoid and dermoid cysts						69341
				2	Colloid cyst of the third ventricle						69342
				3	Endodermal/enterogenous cyst						69343

				4	Ependymal cyst					69344
				5	Arachnoid cyst					69345
				6	Dermal sinus					69346
				7	Pineal cyst					69347
		R	Metastatic tumors							69370
				1	Neoplasms in tissues surrounding the CNS					69371
				2	Secondary neoplasms in the meninges					69372
				3	Secondary neoplasms in the brain and spinal cord					69373
				4	Biomarkers					69374
		S	Paraneoplastic disorders							69390
				1	Paraneoplastic encephalomyelitis					69391
				2	Paraneoplastic cerebellar degeneration					69392
				3	Paraneoplastic opsoclonus-myoclonus-ataxia					69393
		T	Non-neoplastic pituitary disorders							69450
				1	Autoimmune hypophysitis (lymphocytic hypophysitis)					69451
				2	Infectious hypophysitis					69452
				3	Pituitary apoplexy					69453
				4	Pituitary hyperplasia					69454
		U	Familial tumor predisposition syndromes							69470
				1	Tuberous sclerosis (Bourneville disease)				stet	66002
				2	Neurofibromatosis (NF1)				stet	66003
				3	Neurofibromatosis (NF2)				stet	66004
				4	Von Hippel-Lindau disease					69471
				5	Li-Fraumini syndrome					69472
				6	Cowden disease					69473
				7	Turcot syndrome					69474
				8	Nevoid basal carcinoma syndrome					69475
				9	Rhabdoid tumor predisposition syndrome					69476
				10	Carney complex					69477
				11	Constitutional mismatch repair deficiency (CMMRD) syndrom					69478
				12	Familial adenomatous polyposis					69479
				13	DICER1 syndrome					69480
				14	Melanoma astrocytoma syndrome					69481
				15	Familial retinoblastoma					69482
				16	BAP1 tumor predisposition syndrome					69483
				17	Fanconi anemia					69484
				18	ELP1 medulloblastoma syndrome					69485
		V	Tumors of the autonomic nervous system (glomus tumor, etc.)							69488
		W	Pediatric-type diffuse low-grade gliomas							69489
				1	Diffuse astrocytoma, *MYB* or *MYBL-1* -altered					69490
				2	Angiocentric glioma					69491
				3	Polymorphous low-grade neuroepithelial tumor of the young					69492
				4	Diffuse low-grade glioma, MAPK pathway altered					69493
		X	Pediatric-type diffuse high-grade gliomas							69494
				1	Diffuse midline glioma, H3 K27-altered					69495

				2	Diffuse hemispheric glioma, H3 G34-mutant							69496
				3	Diffuse pediatric-type high-grade glioma, H3-wildtype and ID							69497
				4	Infant-type hemispheric glioma							69498
12	Skeletal Muscle											69500
		A	Muscle biopsy technique									69501
				1	Muscle biopsy technique enzyme histochemical/special stains							69502
				2	Skeletal muscle ultrastructure							69503
		B	Myopathic processes									69510
				1	Myopathic histopathologic features							69511
		C	Inflammatory myopathies									69530
				1	Dermatomyositis							69532
				2	Inclusion body myositis							69533
				3	Sarcoid myopathy							69534
				4	Bacterial myositis							69535
				5	Viral myositis							69536
				6	Parasitic myositis							69537
				7	Fungal myositis							69538
				8	Vasculitis							69539
				9	Paraneoplastic myositis							69540
		D	Metabolic diseases, NOS									69550
				1	Glycogenoses							69560
						a	Type II (acid maltase deficiency/Pompe diseas					69561
						b	Type V (myophosphorylase deficiency/McArdle disease)					69562
						c	Other Glycogenoses					69563
				2	Mitochondrial myopathy							69565
				3	Lipid storage myopathies							69566
		E	Channelopathies									69580
		F	Toxic Myopathies									69600
				1	Steroid myopathy/acute care myopathy							69601
				2	Chloroquine/hydroxychloroquine vacuolar myopathy							69602
		G	Muscular dystrophies									69620
				1	Dystrophinopathies							69621
				2	Emery-Dreifuss muscular dystrophy							69622
				3	Facioscapulohumeral dystrophy (FSHD)							69623
				4	Myotonic dystrophy							69624
				5	Oculopharyngeal muscular dystrophy							69625
				6	Limb-girdle muscular dystrophy							69626
				7	Congenital muscular dystrophy							69627
		H	Autophagic vacuolar myopathies									69640
		I	Myofibrillar myopathies									69660
		J	Distal myopathies, NOS									69670
				1	Valosin containing protein (IBMPFD)							69671

		K	Congenital myopathies								69720
				1	Nemaline myopathies						69721
				2	Core myopathies						69722
				3	Centronuclear myopathies						69723
				4	Congenital fiber type disproportion myopathies						69724
		L	Neuropathic (neurogenic) diseases								69740
				1	Neuropathic histopathologic features						69741
				2	Motor neuron diseases, spinal muscular atrophy						69742
				3	Motor neuron disease, other						69743
		M	Myasthenic disorders								69760
13	Peripheral Nerve										69800
		A	Peripheral nerve biopsy procedures								69801
		B	Peripheral nerve ultrastructure								69802
		C	Major pathologic processes								69810
				1	Axonal (Wallerian) degeneration						69811
				2	Distal ("dying back") axonopathy						69812
				3	Demyelination (segmental)						69813
		D	Traumatic neuroma								69820
		E	Inflammatory neuropathies								69830
				1	Guillain-Barré syndrome (AIDP)					stet	67233
				2	Chronic inflammatory demyelinating polyradiculopathy (CIDP)					stet	67234
				3	Paraneoplastic neuropathy						69831
				4	Vasculitic neuropathy						69832
				5	Sarcoid neuropathy						69833
		F	Infectious neuropathies								69840
				1	Leprosy						69841
		G	Hereditary motor and sensory neuropathies (HMSN)								69850
				1	CMT1 - autosomal dominant demyelinating type						69851
				2	CMT2 - autosomal dominant axonal type						69852
				3	CMT4 - autosomal recessive demyelinating or axonal types						69853
				4	CMTX						69854
		H	Nutritional deficiency/toxic neuropathies								69870
		I	Neuropathies associated with systemic diseases								69890
				1	Diabetic neuropathy						69891
				2	Amyloid neuropathy						69892
14	Ophthalmic pathology										69910
		A		1	Orbit						69911
		B		2	Conjunctiva						69912
		C		3	Cornea						69913
		D		4	Anterior segment						69914
		E		5	Uvea						69915

		F	Retina and vitreous									69930
				1	Retinal detachment							69931
				2	Retinal vascular disease							69932
				3	Age-related macular degeneration							69933
				4	Other retinal degenerations							69934
				5	Retinitis							69935
				6	Retinal neoplasms							69936
						a	Retinoblastoma					69937
						b	Melanoma					69938
		G	Optic nerve									69950
		H	Phthisis bulbi									69960
		I	Therapeutic or Iatrogenic complications									69970