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Appendix A. ICD-9-CM diagnostic codes to identify stroke

Code	Description
800.2X	Closed fracture of vault of skull with subarachnoid subdural and extradural hemorrhage
801.2X	Closed fracture of vault of skull with subarachnoid subdural and extradural hemorrhage
801.7X	Open fracture of base of skull with subarachnoid subdural and extradural hemorrhage
803.2X	Other closed skull fracture with subarachnoid subdural and extradural hemorrhage
803.7X	Other open skull fracture with subarachnoid subdural and extradural hemorrhage
851.0X	Cortex (cerebral) contusion without mention of open intracranial wound
851.1X	Cortex (cerebral) contusion with open intracranial wound
851.2X	Cortex (cerebral) laceration without mention of open intracranial wound
851.3X	Cortex (cerebral) laceration with open intracranial wound
851.4X	Cerebellar or brain stem contusion without mention of open intracranial wound
851.5X	Cerebellar or brain stem contusion with open intracranial wound
851.6X	Cerebellar or brain stem laceration without mention of open intracranial wound
851.7X	Cerebellar or brain stem laceration with open intracranial wound
851.8X	Other and unspecified cerebral laceration and contusion without mention of open intracranial wound
851.9X	Other and unspecified cerebral laceration and contusion with open intracranial wound
852.0X	Subarachnoid hemorrhage following injury without mention of open intracranial wound
852.1X	Subarachnoid hemorrhage following injury with open intracranial wound
852.2X	Subdural hemorrhage following injury without mention of open intracranial wound
852.3X	Subdural hemorrhage following injury with open intracranial wound
852.4X	Extradural hemorrhage following injury without mention of open intracranial wound
852.5X	Extradural hemorrhage following injury with open intracranial wound
853.0X	Other and unspecified intracranial hemorrhage following injury without mention of open intracranial wound
853.1X	Other and unspecified intracranial hemorrhage following injury with open intracranial wound
854.0X	Intracranial injury of other and unspecified nature without mention of open intracranial wound
854.1X	Intracranial injury of other and unspecified nature with open intracranial wound
997.02	Iatrogenic cerebrovascular infarction or hemorrhage
346.60	Persistent migraine aura with cerebral infarction, without mention of intractable migraine without mention of status migrainosus
346.61	Persistent migraine aura with cerebral infarction, with intractable migraine, so stated, without mention of status migrainosus

346.62	Persistent migraine aura with cerebral infarction, without mention of intractable migraine with status migrainosus
346.63	Persistent migraine aura with cerebral infarction, with intractable migraine, so stated, with status migrainosus
349.31	Accidental puncture or laceration of dura during a procedure
349.39	Other dural tear
362.3X	Retinal vascular occlusion
362.30	Retinal vascular occlusion, unspecified
362.31	Central retinal artery occlusion
362.32	Retinal arterial branch occlusion
362.33	Partial retinal arterial occlusion
362.35	Central retinal vein occlusion
362.36	Venous tributary (branch) occlusion
430	Subarachnoid hemorrhage
431	Intracerebral hemorrhage
432	Other and unspecified intracranial hemorrhage
432.0	Nontraumatic extradural hemorrhage
432.1	Subdural hemorrhage
432.9	Unspecified intracranial hemorrhage
434.0	Cerebral thrombosis
434.01	Cerebral thrombosis with cerebral infarction
434.1	Cerebral embolism
434.11	Cerebral embolism with cerebral infarction
434.9	Cerebral artery occlusion unspecified
434.91	Cerebral artery occlusion, unspecified with cerebral infarction
435.0	Basilar artery syndrome
435.1	Vertebral artery syndrome
435.3	Vertebrobasilar artery syndrome
436.00	Acute, but ill-defined, cerebrovascular disease
436	Acute, but ill-defined, cerebrovascular disease
437.1	Other generalized ischemic cerebrovascular disease
437.6	Nonpyogenic thrombosis of intracranial venous sinus
437.8	Other ill-defined cerebrovascular disease
437.9	Unspecified cerebrovascular disease

438	Late effects of cerebrovascular disease
443.21	Dissection of carotid artery
443.24	Dissection of vertebral artery
674.0X	Cerebrovascular disorders in the puerperium
767.0	Subdural and cerebral hemorrhage
772.1	Intraventricular hemorrhage of fetus or newborn
772.10	Intraventricular hemorrhage unspecified grade
772.11	Intraventricular hemorrhage, grade I
772.12	Intraventricular hemorrhage, grade II
772.13	Intraventricular hemorrhage, grade III
772.14	Intraventricular hemorrhage, grade IV
772.2	Subarachnoid hemorrhage of fetus or newborn

Appendix B. Medications

Pharmacologic classes	Generic name
Class III Antiarrhythmics	AMIODARONE HCL DOFETILIDE DRONEDARONE HCL DRONEDARONE HYDROCHLORIDE SOTALOL HCL
Beta Blockers	ATENOLOL ATENOLOL/CHLORTHALIDONE ACEBUTOLOL HCL BETAXOLOL HCL BISOPROLOL FUMARATE BISOPROLOL FUMARATE/HCTZ LABETALOL HCL METOPROLOL SUCCINATE METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE METOPROLOL TARTRATE NADOLOL PENBUTOLOL SULFATE NEBIVOLOL HCL PINDOLOL TIMOLOL MALEATE PROPRANOLOL HCL CARVEDILOL CARVEDILOL PHOSPHATE
Calcium Channel Blockers	DILTIAZEM HCL VERAPAMIL HCL
Warfarin	WARFARIN SODIUM
Digoxin	DIGOXIN
Platelet Aggregation Inhibitors	CLOPIDOGREL BISULFATE TICLOPIDINE HCL CILOSTAZOL

NOAC	DABIGATRAN ETEXILATE MESYLATE RIVAROXABAN APIXABAN
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Appendix C. HCPCS codes for cardiovascular disease procedures

Procedure	HCPCS Code
Intracardiac Catheter Ablation	93651
	93656
Electrical Cardioversion	92960
Surgical Maze Procedure	33256
	33257
	33259
	33282
Placement of Ambulatory Event Monitors	93228
	93229
	93268
	93270
	93271
	93272
	0295T
	0297T
	0298T
	33240
Placement of Implantable Cardioverter-Defibrillators	33245
	33246
	33249
	93282
	93283