

Billing and Reimbursement Information

ICD-10 Diagnosis Codes* *

ICD-10 International Classification of Disease

ICD Diagnosis codes support medical necessity of a procedure. Attach to CPT code for billing.

VASOSPASM

- I60 Nontraumatic subarachnoid hemorrhage
- I60.9 Nontraumatic subarachnoid hemorrhage, unspecified
- I61 Nontraumatic intracerebral hemorrhage
- I61.9 Nontraumatic intracerebral hemorrhage, unspecified
- I62 Other and unspecified nontraumatic intracranial hemorrhage
- I67.848 Other cerebrovascular vasospasm and vasoconstriction

THROMBOTIC OCCLUSION

- I63.139 Cerebral infarction due to embolism of unspecified carotid artery
- I63.40 Cerebral infarction due to embolism of unspecified cerebral artery
- I63.019 Cerebral infarction due to thrombosis of unspecified vertebral artery
- I63.22 Cerebral infarction due to unspecified occlusion or stenosis of basilar arteries

EXTRACRANIAL STENOSIS

- I65 Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction
- I65.09 Occlusion and stenosis of unspecified vertebral artery
- I65.29 Occlusion and stenosis of unspecified carotid artery

INTRACRANIAL STENOSIS

- I66 Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction
- I66.09 Occlusion and stenosis of unspecified middle cerebral artery
- I66.19 Occlusion and stenosis of unspecified anterior cerebral artery
- I66.29 Occlusion and stenosis of unspecified posterior cerebral artery
- I66.9 Occlusion and stenosis of unspecified cerebral artery
- I67.2 Cerebral atherosclerosis
- I63 Cerebral infarction
- I63.219 Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries
- I63.22 Cerebral infarction due to unspecified occlusion or stenosis of basilar arteries
- I63.239 Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries

CEREBRAL ISCHEMIA

- G45.8 Other transient cerebral ischemic attacks and related syndromes
- I67.82 Cerebral ischemia
- I67.81 Acute cerebrovascular insufficiency

CEREBRAL CIRCULATORY ARREST (BRAIN DEATH)

- G93.9 Disorder of brain, unspecified

CEREBRAL UNRUPTURED ANEURYSM

- I67.1 Cerebral aneurysm, nonruptured

CEREBRAL EDEMA

- G93.6 Cerebral edema

ARTERIOVENOUS MALFORMATION

- Q28.2 Arteriovenous malformation of cerebral vessels

SICKLE-CELL DISORDERS

- D57.0 - D57.819 Sickle-cell disorders

Billing and Reimbursement

CPT* Current Procedural Terminology

CPT codes consist of Technical Component (TC) for technician reimbursement, Professional Component (PC) for physician reimbursement.

Medicare: 20% Technical, 80% Professional

Medicare National Average Reimbursement

93886	Complete Circle Evaluation	\$280.08
93888	Limited Evaluation (including Hyperostosis)	\$159.12
93890	Vasoreactivity Study	\$286.56
93892	Emboli Detection without IV Microbubble Injection	\$328.68
93893	Emboli Detection with IV Microbubble Injection	\$356.40

(It is not a requirement to report 93890-93893 in conjunction with 93888)

Typical Private Sector Reimbursement

Blue Cross/Blue Shield/Anthem/Medical Mutual: Up to 82%

Managed Commercial Care (HMO): Up to 50-60%

Please note reimbursement in your state or by your carrier may vary. Private sector fees vary.

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