**Cerebrovascular Arterial Studies: Extracranial Arterial Studies (CPT 93880-93882)**

The information provided here is for reference use only.  It is not an all-inclusive list. It is based on a review of local Medicare coverage policies. This list does not differentiate approved indications by specific payers or represent a guarantee of coverage or payment. Check with your local Medicare contractors and payers for specific guidance and codes.

It is the responsibility of the provider to code to the highest level specified in the ICD-10-CM. Refer to the ICD-10-CM manual and guidelines to fully understand the rules and instructions needed to code properly

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| **CPT** | **Description** |
| 93880 | Duplex scan of extracranial arteries; complete bilateral study |
| 93882 | Duplex scan of extracranial arteries; unilateral or limited study |

**Common ICD-10-CM Diagnosis Codes for Cerebrovascular Evaluation:**

* Use ICD-10-CM code R22.1 to report a pulsatile neck mass
* Use ICD-10-CM code R09.89 to report a carotid bruit
* Use ICD-10-CM code M54.2 to report suspicion of carotid artery dissection

\*Codes with a greater degree of specificity should be considered first.

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| **ICD-10-CM** | **Description** |
| **Diseases of the Nervous System (G00-G99)** | |
| G45.0 | Vertebro-basilar artery syndrome |
| G45.1 | Carotid artery syndrome (hemispheric) |
| G45.2 | Multiple and bilateral precerebral artery syndromes |
| G45.3 | Amaurosis fugax |
| G45.4 | Transient global amnesia |
| G45.8 | Other transient cerebral ischemic attacks and related syndromes |
| G45.9\* | Transient cerebral ischemic attack, unspecified |
| G46.0 | Middle cerebral artery syndrome |
| G46.1 | Anterior cerebral artery syndrome |
| G46.2 | Posterior cerebral artery syndrome |
| G81.01 | Flaccid hemiplegia affecting right dominant side |
| G81.02 | Flaccid hemiplegia affecting left dominant side |
| G81.03 | Flaccid hemiplegia affecting right nondominant side |
| G81.04 | Flaccid hemiplegia affecting left nondominant side |
| G81.11 | Spastic hemiplegia affecting right dominant side |
| G81.12 | Spastic hemiplegia affecting left dominant side |
| G81.13 | Spastic hemiplegia affecting right nondominant side |
| G81.14 | Spastic hemiplegia affecting left nondominant side |
| G82.21 | Paraplegia, complete |
| G82.22 | Paraplegia, incomplete |
| G82.51 | Quadriplegia, C1-C4 complete |
| G82.52 | Quadriplegia, C1-C4 incomplete |
| **ICD-10-CM** | **Description** |
| **Diseases of the Nervous System (G00-G99)** | |
| G82.53 | Quadriplegia, C5-C7 complete |
| G82.54 | Quadriplegia, C5-C7 incomplete |
| G83.0 | Diplegia of upper limbs |
| G83.11 | Monoplegia of lower limb affecting right dominant side |
| G83.12 | Monoplegia of lower limb affecting left dominant side |
| G83.13 | Monoplegia of lower limb affecting right nondominant side |
| G83.14 | Monoplegia of lower limb affecting left nondominant side |
| G83.21 | Monoplegia of upper limb affecting right dominant side |
| G83.22 | Monoplegia of upper limb affecting left dominant side |
| G83.23 | Monoplegia of upper limb affecting right nondominant side |
| G83.24 | Monoplegia of upper limb affecting left nondominant side |
| G83.31\* | Monoplegia, unspecified affecting right dominant side |
| G83.32\* | Monoplegia, unspecified affecting left dominant side |
| **Diseases of the eye and adnexa (H00-H59)** | |
| H34.01 | Transient retinal artery occlusion, right eye |
| H34.02 | Transient retinal artery occlusion, left eye |
| H34.03 | Transient retinal artery occlusion, bilateral |
| H34.11 | Central retinal artery occlusion, right eye |
| H34.12 | Central retinal artery occlusion, left eye |
| H34.13 | Central retinal artery occlusion, bilateral |
| H34.211 | Partial retinal artery occlusion, right eye |
| H34.212 | Partial retinal artery occlusion, left eye |
| H34.213 | Partial retinal artery occlusion, bilateral |
| H34.231 | Retinal artery branch occlusion, right eye |
| H34.232 | Retinal artery branch occlusion, left eye |
| H34.233 | Retinal artery branch occlusion, bilateral |
| H34.811 | Central retinal vein occlusion, right eye |
| H34.812 | Central retinal vein occlusion, left eye |
| H34.813 | Central retinal vein occlusion, bilateral |
| H34.821 | Venous engorgement, right eye |
| H34.822 | Venous engorgement, left eye |
| H34.823 | Venous engorgement, bilateral |
| H34.831 | Tributary (branch) retinal vein occlusion, right eye |
| H34.832 | Tributary (branch) retinal vein occlusion, left eye |
| H34.833 | Tributary (branch) retinal vein occlusion, bilateral |
| H35.82 | Retinal ischemia |
| H53.11 | Day blindness |
| H53.121 | Transient visual loss, right eye |
| H53.122 | Transient visual loss, left eye |
| H53.123 | Transient visual loss, bilateral |
| H53.131 | Sudden visual loss, right eye |
| H53.132 | Sudden visual loss, left eye |
| H53.133 | Sudden visual loss, bilateral |
| H53.2 | Diplopia |
| **ICD-10-CM** | **Description** |
| **Diseases of the eye and adnexa (H00-H59)** | |
| H53.411 | Scotoma involving central area, right eye |
| H53.412 | Scotoma involving central area, left eye |
| H53.413 | Scotoma involving central area, bilateral |
| H53.421 | Scotoma of blind spot area, right eye |
| H53.422 | Scotoma of blind spot area, left eye |
| H53.423 | Scotoma of blind spot area, bilateral |
| H53.431 | Sector or arcuate defects, right eye |
| H53.432 | Sector or arcuate defects, left eye |
| H53.433 | Sector or arcuate defects, bilateral |
| H53.451 | Other localized visual field defect, right eye |
| H53.452 | Other localized visual field defect, left eye |
| H53.453 | Other localized visual field defect, bilateral |
| H53.461 | Homonymous bilateral field defects, right side |
| H53.462 | Homonymous bilateral field defects, left side |
| H53.47 | Heteronymous bilateral field defects |
| H53.481 | Generalized contraction of visual field, right eye |
| H53.482 | Generalized contraction of visual field, left eye |
| H53.483 | Generalized contraction of visual field, bilateral |
| H53.9\* | Unspecified visual disturbance |
| H59.211 | Accidental puncture and laceration of right eye and adnexa during an ophthalmic procedure |
| H59.212 | Accidental puncture and laceration of left eye and adnexa during an ophthalmic procedure |
| H59.213 | Accidental puncture and laceration of eye and adnexa during an ophthalmic procedure, bilateral |
| H59.221 | Accidental puncture and laceration of right eye and adnexa during other procedure |
| H59.222 | Accidental puncture and laceration of left eye and adnexa during other procedure |
| H59.223 | Accidental puncture and laceration of eye and adnexa during other procedure, bilateral |
| **Diseases of the Circulatory System (I00-I99)** | |
| I63.011 | Cerebral infarction due to thrombosis of right vertebral artery |
| I63.012 | Cerebral infarction due to thrombosis of left vertebral artery |
| I63.02 | Cerebral infarction due to thrombosis of basilar artery |
| I63.031 | Cerebral infarction due to thrombosis of right carotid artery |
| I63.032 | Cerebral infarction due to thrombosis of left carotid artery |
| I63.09 | Cerebral infarction due to thrombosis of other precerebral artery |
| I63.111 | Cerebral infarction due to embolism of right vertebral artery |
| I63.112 | Cerebral infarction due to embolism of left vertebral artery |
| I63.12 | Cerebral infarction due to embolism of basilar artery |
| I63.131 | Cerebral infarction due to embolism of right carotid artery |
| I63.132 | Cerebral infarction due to embolism of left carotid artery |
| I63.19 | Cerebral infarction due to embolism of other precerebral artery |
| I63.20\* | Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries |
| I63.211\* | Cerebral infarction due to unspecified occlusion or stenosis of right vertebral arteries |
| I63.212\* | Cerebral infarction due to unspecified occlusion or stenosis of left vertebral arteries |
| I63.22\* | Cerebral infarction due to unspecified occlusion or stenosis of basilar arteries |
| I63.231\* | Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries |
| **ICD-10-CM** | **Description** |
| **Diseases of the Circulatory System (I00-I99)** | |
| I63.232\* | Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries |
| I63.311 | Cerebral infarction due to thrombosis of right middle cerebral artery |
| I63.312 | Cerebral infarction due to thrombosis of left middle cerebral artery |
| I63.321 | Cerebral infarction due to thrombosis of right anterior cerebral artery |
| I63.322 | Cerebral infarction due to thrombosis of left anterior cerebral artery |
| I63.331 | Cerebral infarction due to thrombosis of right posterior cerebral artery |
| I63.332 | Cerebral infarction due to thrombosis of left posterior cerebral artery |
| I63.341 | Cerebral infarction due to thrombosis of right cerebellar artery |
| I63.342 | Cerebral infarction due to thrombosis of left cerebellar artery |
| I63.39 | Cerebral infarction due to thrombosis of other cerebral artery |
| I63.411 | Cerebral infarction due to embolism of right middle cerebral artery |
| I63.412 | Cerebral infarction due to embolism of left middle cerebral artery |
| I63.421 | Cerebral infarction due to embolism of right anterior cerebral artery |
| I63.422 | Cerebral infarction due to embolism of left anterior cerebral artery |
| I63.431 | Cerebral infarction due to embolism of right posterior cerebral artery |
| I63.432 | Cerebral infarction due to embolism of left posterior cerebral artery |
| I63.441 | Cerebral infarction due to embolism of right cerebellar artery |
| I63.442 | Cerebral infarction due to embolism of left cerebellar artery |
| I63.6 | Cerebral infarction due to cerebral venous thrombosis, nonpyogenic |
| I63.8 | Other cerebral infarction |
| I63.9\* | Cerebral infarction, unspecified |
| I65.01 | Occlusion and stenosis of right vertebral artery |
| I65.02 | Occlusion and stenosis of left vertebral artery |
| I65.03 | Occlusion and stenosis of bilateral vertebral arteries |
| I65.1 | Occlusion and stenosis of basilar artery |
| I65.21 | Occlusion and stenosis of right carotid artery |
| I65.22 | Occlusion and stenosis of left carotid artery |
| I65.23 | Occlusion and stenosis of bilateral carotid arteries |
| I65.29\* | Occlusion and stenosis of unspecified carotid artery |
| I65.8 | Occlusion and stenosis of other precerebral arteries |
| I66.01 | Occlusion and stenosis of right middle cerebral artery |
| I66.02 | Occlusion and stenosis of left middle cerebral artery |
| I66.03 | Occlusion and stenosis of bilateral middle cerebral arteries |
| I66.11 | Occlusion and stenosis of right anterior cerebral artery |
| I66.12 | Occlusion and stenosis of left anterior cerebral artery |
| I66.13 | Occlusion and stenosis of bilateral anterior cerebral arteries |
| I66.21 | Occlusion and stenosis of right posterior cerebral artery |
| I66.22 | Occlusion and stenosis of left posterior cerebral artery |
| I66.23 | Occlusion and stenosis of bilateral posterior cerebral arteries |
| I66.3 | Occlusion and stenosis of cerebellar arteries |
| I66.8 | Occlusion and stenosis of other cerebral arteries |
| I67.0 | Dissection of cerebral arteries, nonruptured |
| I67.841 | Reversible cerebrovascular vasoconstriction syndrome |
| I67.848 | Other cerebrovascular vasospasm and vasoconstriction |
| **ICD-10-CM** | **Description** |
| **Diseases of the Circulatory System (I00-I99)** | |
| I72.0 | Aneurysm of carotid artery |
| I72.8 | Aneurysm of other specified arteries |
| I75.89 | Atheroembolism of other site |
| I77.71 | Dissection of carotid artery |
| I77.74 | Dissection of vertebral artery |
| I77.79 | Dissection of other artery |
| I97.810 | Intraoperative cerebrovascular infarction during cardiac surgery |
| I97.811 | Intraoperative cerebrovascular infarction during other surgery |
| I97.820 | Postprocedural cerebrovascular infarction during cardiac surgery |
| I97.821 | Postprocedural cerebrovascular infarction during other surgery |
| **Diseases of the musculoskeletal system and connective tissue (M00-M99)** | |
| M31.6 | Other giant cell arteritis |
| M54.2 | Cervicalgia |
| **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)** | |
| R09.89 | Other specified symptoms and signs involving the circulatory and respiratory systems |
| R20.0 | Anesthesia of skin |
| R20.1 | Hypoesthesia of skin |
| R20.2 | Paresthesia of skin |
| R20.3 | Hyperesthesia |
| R20.8 | Other disturbances of skin sensation |
| R22.0 | Localized swelling, mass and lump, head |
| R22.1 | Localized swelling, mass and lump, neck |
| R26.0 | Ataxic gait |
| R26.1 | Paralytic gait |
| R26.81 | Unsteadiness on feet |
| R26.89 | Other abnormalities of gait and mobility |
| R27.8 | Other lack of coordination |
| R29.5 | Transient paralysis |
| R29.810 | Facial weakness |
| R42 | Dizziness and giddiness |
| R47.01 | Aphasia |
| R47.02 | Dysphasia |
| R47.1 | Dysarthria and anarthria |
| R47.81 | Slurred speech |
| R47.82 | Fluency disorder in conditions classified elsewhere |
| R47.89 | Other speech disturbances |
| R55 | Syncope and collapse |
| R90.0 | Intracranial space-occupying lesion found on diagnostic imaging of central nervous system |
| **Injury, poisoning and certain other consequences of external causes (S00-T88)** | |
| S15.011A | Minor laceration of right carotid artery, initial encounter |
| S15.011D | Minor laceration of right carotid artery, subsequent encounter |
| S15.011S | Minor laceration of right carotid artery, sequela |
| S15.012A | Minor laceration of left carotid artery, initial encounter |
| S15.012D | Minor laceration of left carotid artery, subsequent encounter |
| **ICD-10-CM** | **Description** |
| **Injury, poisoning and certain other consequences of external causes (S00-T88)** | |
| S15.012S | Minor laceration of left carotid artery, sequela |
| S15.021A | Major laceration of right carotid artery, initial encounter |
| S15.021D | Major laceration of right carotid artery, subsequent encounter |
| S15.021S | Major laceration of right carotid artery, sequela |
| S15.022A | Major laceration of left carotid artery, initial encounter |
| S15.022D | Major laceration of left carotid artery, subsequent encounter |
| S15.022S | Major laceration of left carotid artery, sequela |
| S15.091A | Other specified injury of right carotid artery, initial encounter |
| S15.091D | Other specified injury of right carotid artery, subsequent encounter |
| S15.091S | Other specified injury of right carotid artery, sequela |
| S15.092A | Other specified injury of left carotid artery, initial encounter |
| S15.092D | Other specified injury of left carotid artery, subsequent encounter |
| S15.092S | Other specified injury of left carotid artery, sequela |
| S25.111A | Minor laceration of right innominate or subclavian artery, initial encounter |
| S25.111D | Minor laceration of right innominate or subclavian artery, subsequent encounter |
| S25.111S | Minor laceration of right innominate or subclavian artery, sequela |
| S25.112A | Minor laceration of left innominate or subclavian artery, initial encounter |
| S25.112D | Minor laceration of left innominate or subclavian artery, subsequent encounter |
| S25.112S | Minor laceration of left innominate or subclavian artery, sequela |
| S25.121A | Major laceration of right innominate or subclavian artery, initial encounter |
| S25.121D | Major laceration of right innominate or subclavian artery, subsequent encounter |
| S25.121S | Major laceration of right innominate or subclavian artery, sequela |
| S25.122A | Major laceration of left innominate or subclavian artery, initial encounter |
| S25.122D | Major laceration of left innominate or subclavian artery, subsequent encounter |
| S25.122S | Major laceration of left innominate or subclavian artery, sequela |
| S25.191A | Other specified injury of right innominate or subclavian artery, initial encounter |
| S25.191D | Other specified injury of right innominate or subclavian artery, subsequent encounter |
| S25.191S | Other specified injury of right innominate or subclavian artery, sequela |
| S25.192A | Other specified injury of left innominate or subclavian artery, initial encounter |
| S25.192D | Other specified injury of left innominate or subclavian artery, subsequent encounter |
| S25.192S | Other specified injury of left innominate or subclavian artery, sequela |
| T82.399A\* | Other mechanical complication of unspecified vascular grafts, initial encounter |
| T82.399D\* | Other mechanical complication of unspecified vascular grafts, subsequent encounter |
| T82.399S\* | Other mechanical complication of unspecified vascular grafts, sequela |
| T82.598A | Other mechanical complication of other cardiac and vascular devices and implants, initial encounter |
| T82.598D | Other mechanical complication of other cardiac and vascular devices and implants, subsequent encounter |
| T82.598S | Other mechanical complication of other cardiac and vascular devices and implants, sequela |
| T82.897A | Other specified complication of cardiac prosthetic devices, implants and grafts, initial encounter |
| T82.897D | Other specified complication of cardiac prosthetic devices, implants and grafts, subsequent encounter |
| T82.897S | Other specified complication of cardiac prosthetic devices, implants and grafts, sequela |
| **ICD-10-CM** | **Description** |
| **Injury, poisoning and certain other consequences of external causes (S00-T88)** | |
| T82.898A | Other specified complication of vascular prosthetic devices, implants and grafts, initial encounter |
| T82.898D | Other specified complication of vascular prosthetic devices, implants and grafts, subsequent encounter |
| T82.898S | Other specified complication of vascular prosthetic devices, implants and grafts, sequela |
| T82.9XXA\* | Unspecified complication of cardiac and vascular prosthetic device, implant and graft, initial encounter |
| T82.9XXD\* | Unspecified complication of cardiac and vascular prosthetic device, implant and graft, subsequent encounter |
| T82.9XXS\* | Unspecified complication of cardiac and vascular prosthetic device, implant and graft, sequela |
| **Factors influencing health status and contact with health services (Z00-Z99)** | |
| Z09 | Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm |
| Z48.812 | Encounter for surgical aftercare following surgery on the circulatory system |
| Z86.73 | Personal history of transient ischemic attack (TIA), and cerebral infarction without residual deficits |