



## TCD CPT Codes /ICD-10 Codes 2021



### CPT Codes / ICD-10 Codes

CPT codes covered if selection criteria are met:	
93886	Transcranial Doppler study of the intracranial arteries; complete study
93888	limited study
93890	vasoreactivity study
93892	emboli detection without intravenous microbubble injection
93893	emboli detection with intravenous microbubble injection
Other CPT codes related to the CPB:	
61635	Transcatheter placement of intravascular stent(s), intracranial (eg, atherosclerotic stenosis), including balloon angioplasty, if performed

REIMBURSEMENT INFORMATION: A complete transcranial Doppler evaluation includes ultrasound examination of the right and left anterior circulation and the posterior circulation, including the vertebral arteries and basilar artery. A limited transcranial Doppler evaluation includes two or less of the below mentioned areas. Excludes hand-held Dopplers that do not provide a hard copy or vascular flow bidirectional analysis. Includes complete transcranial Doppler (TCD) study. Includes patient care required to perform/supervise studies and interpret results. Includes ultrasound evaluation of right/left anterior circulation territories and posterior circulation territory.



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### ICD-10 Diagnosis Codes That Support Medical Necessity:

<b>D57.00 – D57.02</b>	Hb-SS disease with crisis
<b>D57.1</b>	Sickle-cell disease without crisis
<b>D57.20</b>	Sickle-cell/Hb-C disease without crisis
<b>D57.211 – D57.219</b>	Sickle-cell/Hb-C disease with crisis
<b>D57.80</b>	Other sickle-cell disorders without crisis
<b>D57.811 – D57.819</b>	Other sickle-cell disorders with crisis
<b>G45.0</b>	Vertebro-basilar artery syndrome
<b>G93.9</b>	Disorder of brain
<b>G93.81– G93.89</b>	Other specified disorders of brain
<b>I60.00 – I60.02</b>	Nontraumatic subarachnoid hemorrhage from carotid siphon and bifurcation
<b>I60.10 – I60.12</b>	Nontraumatic subarachnoid hemorrhage from middle cerebral artery
<b>I60.2</b>	Nontraumatic subarachnoid hemorrhage from anterior communicating artery
<b>I60.30 – I60.32</b>	Nontraumatic subarachnoid hemorrhage from posterior communicating artery
<b>I60.4</b>	Nontraumatic subarachnoid hemorrhage from basilar artery
<b>I60.50 – I60.52</b>	Nontraumatic subarachnoid hemorrhage from vertebral artery
<b>I60.6</b>	Nontraumatic subarachnoid hemorrhage from other intracranial arteries
<b>I60.7</b>	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery
<b>I60.8</b>	Other nontraumatic subarachnoid hemorrhage
<b>I60.9</b>	Nontraumatic subarachnoid hemorrhage
<b>I63.011 – I63.019</b>	Cerebral infarction due to thrombosis of vertebral artery
<b>I63.02</b>	Cerebral infarction due to thrombosis of basilar artery
<b>I63.031 – I63.039</b>	Cerebral infarction due to thrombosis of carotid artery
<b>I63.09</b>	Cerebral infarction due to thrombosis of other precerebral artery



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### ICD-10 Diagnosis Codes That Support Medical Necessity cont:

<b>I63.10</b>	Cerebral infarction due to embolism of unspecified precerebral artery
<b>I63.111 – I63.119</b>	Cerebral infarction due to embolism of vertebral artery
<b>I63.12</b>	Cerebral infarction due to embolism of basilar artery
<b>I63.131 – I63.139</b>	Cerebral infarction due to embolism of carotid artery
<b>I63.211 – I63.219</b>	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries
<b>I63.22</b>	Cerebral infarction due to unspecified occlusion or stenosis of basilar arteries
<b>I63.231 – I63.239</b>	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries
<b>I63.30</b>	Cerebral infarction due to thrombosis of unspecified cerebral artery
<b>I63.311 – I63.319</b>	Cerebral infarction due to thrombosis of middle cerebral artery
<b>I63.321 – I63.329</b>	Cerebral infarction due to thrombosis of anterior cerebral artery
<b>I63.331 – I63.339</b>	Cerebral infarction due to thrombosis of posterior cerebral artery
<b>I63.341 – I63.349</b>	Cerebral infarction due to thrombosis of cerebellar artery
<b>I63.39</b>	Cerebral infarction due to thrombosis of other cerebral artery
<b>I63.40</b>	Cerebral infarction due to embolism of unspecified cerebral artery
<b>I63.50</b>	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery
<b>I63.59</b>	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery
<b>I63.411 – I63.419</b>	Cerebral infarction due to embolism of middle cerebral artery
<b>I63.421 – I63.429</b>	Cerebral infarction due to embolism of anterior cerebral artery
<b>I63.431 – I63.439</b>	Cerebral infarction due to embolism of posterior cerebral artery
<b>I63.441 – I63.449</b>	Cerebral infarction due to embolism of cerebellar artery
<b>I63.49</b>	Cerebral infarction due to embolism of other cerebral artery
<b>I63.511 – I63.519</b>	Cerebral infarction due to unspecified occlusion or stenosis of middle cerebral artery
<b>I63.521 – I63.529</b>	Cerebral infarction due to unspecified occlusion or stenosis of anterior cerebral-artery
<b>I63.531 – I63.539</b>	Cerebral infarction due to unspecified occlusion or stenosis of posterior cerebral artery
<b>I63.541 – I63.549</b>	Cerebral infarction due to unspecified occlusion or stenosis of cerebellar artery



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### ICD-10 Diagnosis Codes That Support Medical Necessity cont:

<b>I63.59</b>	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery
<b>I63.6</b>	Cerebral infarction due to cerebral venous thrombosis
<b>I63.81</b>	Other cerebral infarction due to occlusion or stenosis of small artery
<b>I63.89</b>	Other cerebral infarction
<b>I63.9</b>	Occlusion and stenosis of unspecified precerebral artery
<b>I65.01 – I65.09</b>	Occlusion and stenosis of vertebral artery
<b>I65.1</b>	Occlusion and stenosis of basilar artery
<b>I65.21 – I65.29</b>	Occlusion and stenosis of carotid artery
<b>I65.8</b>	Occlusion and stenosis of other precerebral arteries
<b>I65.9</b>	Occlusion and stenosis of unspecified precerebral artery
<b>I66.01 – I66.09</b>	Occlusion and stenosis of middle cerebral artery
<b>I66.11 – I66.19</b>	Occlusion and stenosis of anterior cerebral artery
<b>I66.21 – I66.29</b>	Occlusion and stenosis of posterior cerebral artery
<b>I66.3</b>	Occlusion and stenosis of cerebellar arteries
<b>I66.8</b>	Occlusion and stenosis of other cerebral arteries
<b>I67.2</b>	Cerebral atherosclerosis
<b>P05.00-P05.08</b>	Newborn light for gestational age
<b>P05.10 – P05.18</b>	Newborn small for gestational age
<b>P07.00 – P07.03</b>	Extremely low birth weight newborn
<b>P07.10 – P07.18</b>	Other low birth weight newborn
<b>P07.20 – P07.25</b>	Extreme immaturity of newborn
<b>P07.30</b>	Preterm newborn
<b>P07.31</b>	Preterm newborn
<b>P07.33</b>	Preterm newborn
<b>Q28.2</b>	Arteriovenous malformation of cerebral vessels
<b>Q28.3</b>	Other malformations of cerebral vessels

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