

Rimed Digi-Lite™ Transcranial Dopplers System

When the Procedure is Covered:

(General Criteria) Most Medical Providers covers TCD when the procedure is medically necessary and...

- a. Is individualized, specific, and consistent with symptoms or confirmed diagnosis of the illness or injury under treatment, and not in excess of the recipient's needs.
- b. Can be safely furnished, and no equally effective and more conservative or less costly treatment is available statewide.
- c. Is furnished in a manner not primarily intended for the convenience of the recipient, the recipient's caretaker, or the provider.

(Medical Necessity Criteria) TCD studies of the intracranial arteries are covered for...

- a. Diagnoses that indicate severe stenosis or occlusion of an intracranial artery.
- b. Vasospasm/vasoconstriction following subarachnoid hemorrhage.
- c. Arterial venous malformation
- d. Brain death

Providers may be reimbursed for CPT-4 Codes 93888-93893 when billed for the following:

- Identification of children with sickle-cell disease who are at high risk of stroke.
- Evaluation of follow-up of patients after subarachnoid hemorrhage.
- Detection of Severe Stenosis in the major intracranial arteries in patients with symptoms suggesting a vascular lesion.
- Assessment of patterns and extent of collateral circulation in patients with known areas of severe stenosis or occlusion.
- Assessment of patients with suspected brain death.

The CPT® payment amounts apply to free standing imaging facilities. Coverage policies and reimbursement amounts will vary depending on location, payer, and plan. Actual fees will vary depending on location and exact services provided.

Carriers' coverage decisions are not uniform. Several carriers not covering TCD tests consider their use investigational.

- Carriers which cover TCD tests, differ on conditions required for payment.
- Due to the inconsistency of Carrier coverage, reimbursements are factored by the Carrier.
- Providers must bill ICD-9 Diagnosis Code when submitting CPT Codes 93886-93893 for reimbursement. Otherwise, it will not be reimbursed or will delay in the reimbursement. Reimbursement requires compliance with all Health Insurance / Medical Plan guidelines, including obtaining appropriate referrals for recipients.

CPT Codes Description

93886*	Transcranial Doppler Study of the intracranial arteries (Complete study)
93888*	Transcranial Doppler Study of the intracranial arteries (Limited study)
93890*	Transcranial Doppler Study of the intracranial arteries (Vasoreactivity study)
93892*	TCD Study of the intracranial arteries (Emboli Detection without Intravenous Microbubble Injection)
93893*	TCD Study of the intracranial arteries (Emboli Detection with Intravenous Microbubble Injection)

* Codes 93886-93893 are reimbursable only when billed with the following ICD-9 Diagnosis Codes listed in the chart below: 282.6-282.69, 430 and 433.00-434.91

ICD-9 Diagnosis Codes for CPT Codes

93886-93893

Description

282.60	Sickle-cell disease, unspecified
282.61	Hb-SS disease without crisis
282.62	Hb-SS disease with crisis
282.63	Sickle-cell / Hb-C disease without crisis
282.68	Sickle-cell / Hb-C disease with crisis
282.69	Other Sickle-cell disease without crisis
348.8	Other sickle-cell disease with crisis
430	Other conditions of the brain
433.00	Subarachnoid hemorrhage
433.01	Occlusion and stenosis of basilar artery without mention of cerebral infarction
433.10	Occlusion and stenosis of basilar artery with cerebral infarction
433.11	Occlusion and stenosis of carotid artery without mention of cerebral infarction
433.20	Occlusion and stenosis of carotid artery with cerebral infarction
433.21	Occlusion and stenosis of vertebral artery without mention of cerebral infarction
434.00	Occlusion and stenosis of vertebral artery with cerebral infarction
434.01	Cerebral thrombosis without mention of cerebral infarction
434.10	Cerebral embolism without mention of cerebral infarction
434.11	Cerebral embolism with cerebral infarction
434.90	Cerebral artery occlusion, unspecified, without mention of cerebral infarction
434.91	Cerebral artery occlusion, unspecified, with cerebral infarction

