

Disclaimer

The FDA chose a specific outcome algorithm that met its need for a given medical product-outcome assessment. The use of a specific outcome algorithm in a Sentinel assessment should not be interpreted as an endorsement from FDA to use the algorithm for all safety assessments. Investigators should always consider the objective, study design, analytic approach, and data source of a given medical product safety assessment when choosing the outcome algorithm. The suitability of an outcome algorithm may change when applied to different scenarios. For additional information, please refer to the Mest Practices for Conducting and Reporting Pharmacoepidemiologic Safety Studies Using Electronic Healthcare Data guidance document provided by the FDA.



Overview

Title	Ischemic Stroke Algorithm Defined in "Stroke, Gastrointestinal Bleeding,
	and Intracranial Hemorrhage following Apixaban or Warfarin Use in
	Patients with Non-Valvular Atrial Fibrillation: a Propensity Score Matched
	Analysis"
Request ID	cder_mpl2p_wp009_nsdp_v01
Description	This report lists International Classification of Diseases, Ninth and Tenth
	Revisions, Clinical Modification (ICD-9-CM and ICD-10-CM) diagnosis codes
	and algorithms used to define ischemic stroke in this request.
	For additional information about the algorithm and how it was defined
	relative to the cohort and exposures of interest in the inferential analysis,
	see the analysis page here:
	https://www.sentinelinitiative.org/drugs/assessments/risk-stroke-
	gastrointestinal-bleeding-and-intracranial-hemorrhage-following.
Outcome	Ischemic stroke
Algorithm to Define	Evidence of an ICD-9-CM or ICD-10-CM code used to define ischemic stroke
Outcome	as the principal diagnosis in the Inpatient care setting.
Query Period	December 28, 2012 - January 22, 2019
Request Send Date	January 22, 2019



Glossary

Care Setting - type of medical encounter or facility where the exposure, event, or condition code was recorded. Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or missing (U)

Outcome - outcome of interest (either primary or secondary)

Principal Diagnosis (PDX) - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter.

Query Period - period in which the modular program looks for exposures and outcomes of interest **Request Send Date** - date the request was sent to Sentinel Data Partners



International Classification of Diseases, Ninth and Tenth Revisions, Clinical Modification (ICD-9-CM and ICD-10-CM) Diagnosis Codes Used to Define Ischemic Stroke in this Request

Codes	Description	Code Type
433.01	Occlusion and stenosis of basilar artery with cerebral infarction	ICD-9-CM
433.11	Occlusion and stenosis of carotid artery with cerebral infarction	ICD-9-CM
433.21	Occlusion and stenosis of vertebral artery with cerebral infarction	ICD-9-CM
433.31	Occlusion and stenosis of multiple and bilateral precerebral arteries with cerebral infarction	ICD-9-CM
433.81	Occlusion and stenosis of other specified precerebral artery with cerebral infarction	ICD-9-CM
433.91	Occlusion and stenosis of unspecified precerebral artery with cerebral infarction	ICD-9-CM
434.01	Cerebral thrombosis with cerebral infarction	ICD-9-CM
434.11	Cerebral embolism with cerebral infarction	ICD-9-CM
434.91	Unspecified cerebral artery occlusion with cerebral infarction	ICD-9-CM
436	Acute, but ill-defined, cerebrovascular disease	ICD-9-CM
163.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar arteries	ICD-10-CM
163.139	Cerebral infarction due to embolism of unspecified carotid artery	ICD-10-CM
163.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries	ICD-10-CM
163.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	ICD-10-CM
163.119	Cerebral infarction due to embolism of unspecified vertebral artery	ICD-10-CM
163.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries	ICD-10-CM
163.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	ICD-10-CM
163.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	ICD-10-CM
163.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	ICD-10-CM
163.40	Cerebral infarction due to embolism of unspecified cerebral artery	ICD-10-CM
163.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	ICD-10-CM
167.89	Other cerebrovascular disease	ICD-10-CM
163.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	ICD-10-CM
163.011	Cerebral infarction due to thrombosis of right vertebral artery	ICD-10-CM
163.012	Cerebral infarction due to thrombosis of left vertebral artery	ICD-10-CM
163.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	ICD-10-CM
163.02	Cerebral infarction due to thrombosis of basilar artery	ICD-10-CM
163.031	Cerebral infarction due to thrombosis of right carotid artery	ICD-10-CM
163.032	Cerebral infarction due to thrombosis of left carotid artery	ICD-10-CM
163.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	ICD-10-CM
163.039	Cerebral infarction due to thrombosis of unspecified carotid artery	ICD-10-CM
163.09	Cerebral infarction due to thrombosis of other precerebral artery	ICD-10-CM
163.10	Cerebral infarction due to embolism of unspecified precerebral artery	ICD-10-CM
163.111	Cerebral infarction due to embolism of right vertebral artery	ICD-10-CM
163.112	Cerebral infarction due to embolism of left vertebral artery	ICD-10-CM
163.113	Cerebral infarction due to embolism of bilateral vertebral arteries	ICD-10-CM
163.12	Cerebral infarction due to embolism of basilar artery	ICD-10-CM
163.131	Cerebral infarction due to embolism of right carotid artery	ICD-10-CM
	Cerebral infarction due to embolism of left carotid artery	ICD-10-CM
163.133	Cerebral infarction due to embolism of bilateral carotid arteries	ICD-10-CM



163.19 Cerebral infarction due to embolism of other precerebral artery ICD-10-CM 163.211 Cerebral infarction due to unspecified occlusion or stenosis of left vertebral arteries ICD-10-CM 163.212 Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries ICD-10-CM 163.231 Cerebral infarction due to unspecified occlusion or stenosis of pilateral vertebral arteries ICD-10-CM 163.232 Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries ICD-10-CM 163.232 Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries ICD-10-CM 163.231 Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries ICD-10-CM 163.313 Cerebral infarction due to thrombosis of left middle cerebral artery ICD-10-CM 163.313 Cerebral infarction due to thrombosis of left middle cerebral artery ICD-10-CM 163.321 Cerebral infarction due to thrombosis of right anterior cerebral artery ICD-10-CM 163.322 Cerebral infarction due to thrombosis of pilateral anterior arteries ICD-10-CM 163.323 Cerebral infarction due to thrombosis of pilateral presenterial artery ICD-10-CM 163.323	Codes	Description	Code Type
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163.343Cerebral infarction to thrombosis of bilateral cerebellar arteriesICD-10-CM163.349Cerebral infarction due to thrombosis of unspecified cerebellar arteryICD-10-CM163.39Cerebral infarction due to thrombosis of other cerebral arteryICD-10-CM163.411Cerebral infarction due to embolism of right middle cerebral arteryICD-10-CM163.412Cerebral infarction due to embolism of left middle cerebral arteriesICD-10-CM163.413Cerebral infarction due to embolism of bilateral middle cerebral arteriesICD-10-CM163.419Cerebral infarction due to embolism of unspecified middle cerebral arteryICD-10-CM163.421Cerebral infarction due to embolism of right anterior cerebral arteryICD-10-CM163.422Cerebral infarction due to embolism of left anterior cerebral arteriesICD-10-CM163.423Cerebral infarction due to embolism of unspecified anterior cerebral arteriesICD-10-CM163.424Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CM163.431Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CM163.432Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CM163.433Cerebral infarction due to embolism of unspecified posterior cerebral arteriesICD-10-CM163.443Cerebral infarction due to embolism of right cerebellar arteryICD-10-CM163.443Cerebral infarction due to embolism of left cerebellar arteryICD-10-CM163.443Cerebral infarction due to embolism of bilateral cerebellar artery<	163.341	Cerebral infarction due to thrombosis of right cerebellar artery	ICD-10-CM
163.349Cerebral infarction due to thrombosis of unspecified cerebellar arteryICD-10-CM163.39Cerebral infarction due to thrombosis of other cerebral arteryICD-10-CM163.411Cerebral infarction due to embolism of right middle cerebral arteryICD-10-CM163.412Cerebral infarction due to embolism of left middle cerebral arteryICD-10-CM163.413Cerebral infarction due to embolism of bilateral middle cerebral arteriesICD-10-CM163.419Cerebral infarction due to embolism of unspecified middle cerebral arteryICD-10-CM163.421Cerebral infarction due to embolism of right anterior cerebral arteryICD-10-CM163.422Cerebral infarction due to embolism of bilateral anterior cerebral arteryICD-10-CM163.423Cerebral infarction due to embolism of bilateral anterior cerebral arteryICD-10-CM163.429Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CM163.431Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CM163.432Cerebral infarction due to embolism of bilateral posterior cerebral arteryICD-10-CM163.433Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CM163.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CM163.442Cerebral infarction due to embolism of bilateral cerebellar arteryICD-10-CM163.443Cerebral infarction due to embolism of bilateral cerebellar arteryICD-10-CM163.449Cerebral infarction due to embolism of other cerebral arteryICD-1	163.342	Cerebral infarction due to thrombosis of left cerebellar artery	ICD-10-CM
163.39Cerebral infarction due to thrombosis of other cerebral arteryICD-10-CM163.411Cerebral infarction due to embolism of right middle cerebral arteryICD-10-CM163.412Cerebral infarction due to embolism of left middle cerebral arteryICD-10-CM163.413Cerebral infarction due to embolism of bilateral middle cerebral arteriesICD-10-CM163.419Cerebral infarction due to embolism of unspecified middle cerebral arteryICD-10-CM163.421Cerebral infarction due to embolism of right anterior cerebral arteryICD-10-CM163.422Cerebral infarction due to embolism of left anterior cerebral arteryICD-10-CM163.423Cerebral infarction due to embolism of bilateral anterior cerebral arteriesICD-10-CM163.429Cerebral infarction due to embolism of unspecified anterior cerebral arteryICD-10-CM163.431Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CM163.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CM163.433Cerebral infarction due to embolism of bilateral posterior cerebral arteryICD-10-CM163.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CM163.442Cerebral infarction due to embolism of left cerebellar arteryICD-10-CM163.443Cerebral infarction due to embolism of bilateral cerebellar arteryICD-10-CM163.449Cerebral infarction due to embolism of other cerebral arteryICD-10-CM163.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM <td>163.343</td> <td>Cerebral infarction to thrombosis of bilateral cerebellar arteries</td> <td>ICD-10-CM</td>	163.343	Cerebral infarction to thrombosis of bilateral cerebellar arteries	ICD-10-CM
163.411Cerebral infarction due to embolism of right middle cerebral arteryICD-10-CM163.412Cerebral infarction due to embolism of left middle cerebral arteryICD-10-CM163.413Cerebral infarction due to embolism of bilateral middle cerebral arteriesICD-10-CM163.419Cerebral infarction due to embolism of unspecified middle cerebral arteryICD-10-CM163.421Cerebral infarction due to embolism of right anterior cerebral arteryICD-10-CM163.422Cerebral infarction due to embolism of left anterior cerebral arteriesICD-10-CM163.423Cerebral infarction due to embolism of bilateral anterior cerebral arteriesICD-10-CM163.429Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CM163.431Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CM163.432Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CM163.433Cerebral infarction due to embolism of unspecified posterior cerebral arteriesICD-10-CM163.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CM163.442Cerebral infarction due to embolism of bilateral cerebellar arteryICD-10-CM163.443Cerebral infarction due to embolism of unspecified cerebellar arteriesICD-10-CM163.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CM163.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	ICD-10-CM
163.412Cerebral infarction due to embolism of left middle cerebral arteryICD-10-CM163.413Cerebral infarction due to embolism of bilateral middle cerebral arteriesICD-10-CM163.419Cerebral infarction due to embolism of unspecified middle cerebral arteryICD-10-CM163.421Cerebral infarction due to embolism of right anterior cerebral arteryICD-10-CM163.422Cerebral infarction due to embolism of left anterior cerebral arteryICD-10-CM163.423Cerebral infarction due to embolism of bilateral anterior cerebral arteryICD-10-CM163.429Cerebral infarction due to embolism of unspecified anterior cerebral arteryICD-10-CM163.431Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CM163.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CM163.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CM163.439Cerebral infarction due to embolism of right cerebellar arteryICD-10-CM163.441Cerebral infarction due to embolism of left cerebellar arteryICD-10-CM163.442Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CM163.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CM163.449Cerebral infarction due to embolism of other cerebral arteryICD-10-CM163.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.39	Cerebral infarction due to thrombosis of other cerebral artery	ICD-10-CM
I63.413Cerebral infarction due to embolism of bilateral middle cerebral arteriesICD-10-CMI63.419Cerebral infarction due to embolism of unspecified middle cerebral arteryICD-10-CMI63.421Cerebral infarction due to embolism of right anterior cerebral arteryICD-10-CMI63.422Cerebral infarction due to embolism of left anterior cerebral arteriesICD-10-CMI63.423Cerebral infarction due to embolism of bilateral anterior cerebral arteriesICD-10-CMI63.429Cerebral infarction due to embolism of unspecified anterior cerebral arteryICD-10-CMI63.431Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CMI63.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CMI63.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CMI63.439Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CMI63.441Cerebral infarction due to embolism of left cerebellar arteryICD-10-CMI63.442Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.443Cerebral infarction due to embolism of unspecified cerebellar arteriesICD-10-CMI63.449Cerebral infarction due to embolism of other cerebral arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.411	Cerebral infarction due to embolism of right middle cerebral artery	ICD-10-CM
I63.419Cerebral infarction due to embolism of unspecified middle cerebral arteryICD-10-CMI63.421Cerebral infarction due to embolism of right anterior cerebral arteryICD-10-CMI63.422Cerebral infarction due to embolism of left anterior cerebral arteryICD-10-CMI63.423Cerebral infarction due to embolism of bilateral anterior cerebral arteriesICD-10-CMI63.429Cerebral infarction due to embolism of unspecified anterior cerebral arteryICD-10-CMI63.431Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CMI63.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CMI63.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CMI63.439Cerebral infarction due to embolism of right cerebellar arteryICD-10-CMI63.441Cerebral infarction due to embolism of left cerebellar arteryICD-10-CMI63.442Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.443Cerebral infarction due to embolism of unspecified cerebellar arteriesICD-10-CMI63.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.412	Cerebral infarction due to embolism of left middle cerebral artery	ICD-10-CM
163.421Cerebral infarction due to embolism of right anterior cerebral arteryICD-10-CM163.422Cerebral infarction due to embolism of left anterior cerebral arteryICD-10-CM163.423Cerebral infarction due to embolism of bilateral anterior cerebral arteriesICD-10-CM163.429Cerebral infarction due to embolism of unspecified anterior cerebral arteryICD-10-CM163.431Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CM163.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CM163.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CM163.439Cerebral infarction due to embolism of right cerebellar arteryICD-10-CM163.441Cerebral infarction due to embolism of left cerebellar arteryICD-10-CM163.442Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CM163.443Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CM163.449Cerebral infarction due to embolism of other cerebral arteryICD-10-CM163.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	ICD-10-CM
I63.422Cerebral infarction due to embolism of left anterior cerebral arteryICD-10-CMI63.423Cerebral infarction due to embolism of bilateral anterior cerebral arteriesICD-10-CMI63.429Cerebral infarction due to embolism of unspecified anterior cerebral arteryICD-10-CMI63.431Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CMI63.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CMI63.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CMI63.439Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CMI63.441Cerebral infarction due to embolism of left cerebellar arteryICD-10-CMI63.442Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.443Cerebral infarction due to embolism of unspecified cerebellar arteriesICD-10-CMI63.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	ICD-10-CM
I63.423Cerebral infarction due to embolism of bilateral anterior cerebral arteriesICD-10-CMI63.429Cerebral infarction due to embolism of unspecified anterior cerebral arteryICD-10-CMI63.431Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CMI63.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CMI63.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CMI63.439Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CMI63.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CMI63.442Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.421	Cerebral infarction due to embolism of right anterior cerebral artery	ICD-10-CM
I63.429Cerebral infarction due to embolism of unspecified anterior cerebral arteryICD-10-CMI63.431Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CMI63.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CMI63.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CMI63.439Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CMI63.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CMI63.442Cerebral infarction due to embolism of left cerebellar arteryICD-10-CMI63.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.422	Cerebral infarction due to embolism of left anterior cerebral artery	ICD-10-CM
I63.431Cerebral infarction due to embolism of right posterior cerebral arteryICD-10-CMI63.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CMI63.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CMI63.439Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CMI63.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CMI63.442Cerebral infarction due to embolism of left cerebellar arteryICD-10-CMI63.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.449Cerebral infarction due to embolism of other cerebral arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	ICD-10-CM
163.432Cerebral infarction due to embolism of left posterior cerebral arteryICD-10-CM163.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CM163.439Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CM163.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CM163.442Cerebral infarction due to embolism of left cerebellar arteryICD-10-CM163.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CM163.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CM163.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	ICD-10-CM
I63.433Cerebral infarction due to embolism of bilateral posterior cerebral arteriesICD-10-CMI63.439Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CMI63.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CMI63.442Cerebral infarction due to embolism of left cerebellar arteryICD-10-CMI63.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.431	Cerebral infarction due to embolism of right posterior cerebral artery	ICD-10-CM
163.439Cerebral infarction due to embolism of unspecified posterior cerebral arteryICD-10-CM163.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CM163.442Cerebral infarction due to embolism of left cerebellar arteryICD-10-CM163.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CM163.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CM163.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.432	Cerebral infarction due to embolism of left posterior cerebral artery	ICD-10-CM
I63.441Cerebral infarction due to embolism of right cerebellar arteryICD-10-CMI63.442Cerebral infarction due to embolism of left cerebellar arteryICD-10-CMI63.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CMI63.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	ICD-10-CM
163.442Cerebral infarction due to embolism of left cerebellar arteryICD-10-CM163.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CM163.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CM163.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	ICD-10-CM
163.443Cerebral infarction due to embolism of bilateral cerebellar arteriesICD-10-CM163.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CM163.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.441	Cerebral infarction due to embolism of right cerebellar artery	ICD-10-CM
I63.449Cerebral infarction due to embolism of unspecified cerebellar arteryICD-10-CMI63.49Cerebral infarction due to embolism of other cerebral arteryICD-10-CM	163.442	Cerebral infarction due to embolism of left cerebellar artery	ICD-10-CM
I63.49 Cerebral infarction due to embolism of other cerebral artery ICD-10-CM	163.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	ICD-10-CM
,	163.449	Cerebral infarction due to embolism of unspecified cerebellar artery	ICD-10-CM
I63.511 Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery ICD-10-CM	163.49	Cerebral infarction due to embolism of other cerebral artery	ICD-10-CM
	163.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	ICD-10-CM



Codes	Description	Code Type
163.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	ICD-10-CM
163.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle arteries	ICD-10-CM
163.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	ICD-10-CM
163.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	ICD-10-CM
163.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	ICD-10-CM
163.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior arteries	ICD-10-CM
163.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	ICD-10-CM
163.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	ICD-10-CM
163.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	ICD-10-CM
163.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior arteries	ICD-10-CM
	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral	
163.539	artery	ICD-10-CM
163.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	ICD-10-CM
163.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	ICD-10-CM
163.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	ICD-10-CM
163.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	ICD-10-CM
163.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	ICD-10-CM
163.8	Other cerebral infarction	ICD-10-CM
163.9	Cerebral infarction, unspecified	ICD-10-CM