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Chapter 3: Diagnostic Venography

Cerebral Veins

Cerebral venography is typically performed with an interventional procedure such as embolization. Cerebral venography involves selective catheterization of the internal jugular vein by direct stick or via a peripheral approach. Jugular venography may be performed non-selectively by direct stick or via peripheral approach.

Orbital venography involves selective catheterization of the internal jugular vein or beyond in order to image the orbital veins and the cavernous sinus.

Epidural venography involves selective catheterization of the epidural veins via the common iliac vein. This procedure is now obsolete and is no longer or rarely performed. Less invasive CT and MRI procedures are now used for disc herniation diagnosis.

75860  Venography, venous sinus (eg, petrosal and inferior sagittal) or jugular, catheter,

**radiological supervision and interpretation**

A local anesthetic is applied over the site where the catheter is to be introduced and the access vein is percutaneously punctured with a needle. A guidewire is inserted and advanced through the vein until it reaches the desired location in the venous system for imaging the sinus (petrosal, inferior sagittal) or jugular vein. A catheter is threaded over the guidewire to the selected point and the wire is removed. Non-ionic diluted contrast medium is injected over approximately 30 seconds through the catheter that has traveled to an area upstream of the site under investigation. Images are acquired. This code reports the radiological supervision and interpretation only. Use a separately reportable code for the catheterization.

Cerebral Venous Anatomy—Transfemoral Approach

- Inferior longitudinal vein (aka inferior sagittal sinus) (36012)/75860
- Superior longitudinal vein (aka superior sagittal sinus) (36012)/75870
- Confluence of sinuses
- Straight sinus vein (36012)
- Occipital sinus or vein (36012)
- Transverse sinus (36012)
- Petrosal sinuses vein (36012)/75860
- Sigmoid sinus
- Jugular vein (36012)/75860
- Cavemos sinus (36012)
- Ophthalmic vein (36012)

Transfemoral approach
Intravascular Brachytherapy

92974 Transcatheter placement of radiation delivery device for subsequent coronary intravascular brachytherapy (List separately in addition to code for primary procedure)
Using fluoroscopy in a cardiac catheterization laboratory, the delivery catheter is placed in the coronary artery at the site of the in-stent restenosis (re-blockage in the artery). The transfer delivery device is connected to the delivery catheter; the transfer delivery device is used to deliver the radioactive seeds to the location. There are various methods for transcatheter placement, but commonly the methods involve the use of a guiding catheter. The radioactive seeds are positioned at the location for an appropriate length of time to administer radiation to the artery. At the completion of the radiation treatment, the radioactive seeds are returned to the transfer device. With the advent of drug-eluting stents, coronary brachytherapy is becoming an obsolete procedure.

Coding Tips
1. CPT code 92974 is an “add-on” code. It is reported in addition to the appropriate codes for coronary angiography, stent placement, angioplasty, and atherectomy.
2. For intravascular radioelement application, see 77785–77787.

Facility HCPCS Coding
HCPCS Level II codes are used to report the supplies provided during the procedure. Hospitals should separately report supplies used during cardiac catheterization procedures. Refer to chapter 1 for more information regarding appropriate billing of supplies. Refer to the list of current codes in appendix B.

ICD-9-CM Codes
411.0 Postmyocardial infarction syndrome
411.1 Intermediate coronary syndrome
411.89 Other acute and subacute form of ischemic heart disease
414.00 Coronary atherosclerosis of unspecified type of vessel, native or graft
414.01 Coronary atherosclerosis of native coronary artery
414.02 Coronary atherosclerosis of autologous vein bypass graft
414.03 Coronary atherosclerosis of nonautologous biological bypass graft
414.04 Coronary atherosclerosis of artery bypass graft
414.05 Coronary atherosclerosis of unspecified type of bypass graft
414.07 Coronary atherosclerosis, of bypass graft (artery) (vein) of transplanted heart
414.2 Chronic total occlusion of coronary artery
414.4 Coronary atherosclerosis due to calcified coronary lesion
414.8 Other specified forms of chronic ischemic heart disease
414.9 Unspecified chronic ischemic heart disease

CCI Edits
92974 01924-01926, 93000-93010, 93040-93042, 94770, 99143-99150

Device Edits
There are no device codes required for the CPT code addressed in this section.