



Provider Checklist-Outpatient -Imaging

Checklist: Magnetic Resonance Angiogram (MRA) Brain (For CPT Codes: 70544, 70545, 70546)

Indicate subarachnoid hemorrhage (SAH) WITH BOTH findings WITH SAH by CT/MRI OR CSF blood/xanthochromia by LP AND angiography contraindicated/refused by patient

If suspected cerebral aneurysm, indicate BOTH of the following:

findings of SAH/intracerebral hematoma by CT/MRI OR isolated cranial nerve (CN) deficit WITH CN II, CN III, CN IV, CN V, OR CN VI;

AND angiography not planned

Indicate screening study for cerebral aneurysm WITH BOTH of the following:

Risk factor WITH first degree relative with cerebral aneurysm, hx/first degree relative with polycystic kidney disease OR first degree relative with multiple meningiomas;

AND angiography not planned

Indicate known cerebral aneurysm indicate BOTH of the following:

follow-up study WITH follow-up \geq 6 mos, baseline study post procedure, follow-up at 3 mos/6 mos post procedure OR new/worsening sx/findings;

AND angiography not planned

Indicate preoperative study, carotid endarterectomy planned WITH AT LEAST ONE of the follow\ing:

asymptomatic carotid stenosis WITH BOTH Carotid and cerebral angiogram not planned AND \geq 60% by duplex US;

symptomatic carotid stenosis WITH ALL of the following:

sx/findings of anterior circulation ischemia WITH TIA in carotid distribution by Hx OR stroke in carotid distribution by PE;



carotid duplex US WITH $\geq 70\%$ stenosis, $> 50\%$ stenosis with ulcerative plaque
OR technically inadequate/equivocal;
AND carotid and cerebral angiogram not planned

If suspected posterior circulation ischemia, indicate BOTH of the following:

indicate sx/findings of vertebrobasilar stenosis/occlusion by PE WITH AT LEAST ONE of the follow\ing:

weakness/paralysis of contralateral extremities/ipsilateral face;
numbness/paresthesias of contralateral extremities/ipsilateral face;
impaired coordination/ataxia;
visual impairment WITH AT LEAST ONE of the follow\ing:

new vision loss;
diplopia and ophthalmologic exam normal;
OR visual field impairment

OR vertigo with associated sx/findings WITH headache OR central nystagmus;

AND angiography not planned

Indicate known AVM WITH BOTH of the following:

follow-up study WITH baseline study post procedure, follow-up assessment ≥ 1 yr
after Rx OR new/worsening sx/findings;

AND angiography not planned

If suspected cerebral venous thrombosis, indicate BOTH of the following:

headache with associated sx/findings WITH AT LEAST ONE of the follow\ing:

papilledema by PE;
focal neurologic finding by PE;
mental status changes by Hx/PE;
OR seizure by Hx/PE;

AND finding WITH AT LEAST ONE of the follow\ing:

hypercoagulable state;
skull fracture over dural sinus;



calvarial mass;
OR infection WITH sinusitis OR otitis media