

**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 following:

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 following:

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  $\geq$  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 following:

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 following:

hypercoagulable state;  
skull fracture over dural sinus;  
calvarial mass;  
OR infection WITH sinusitis OR otitis media