Endovascular reconstruction of enlarging traumatic internal carotid artery pseudoaneurysm

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Traumatic dissecting pseudoaneurysms of the cervical and petrous internal carotid artery are often a result of blunt or penetrating trauma. These patients are at high risk for thromboembolic complications and are managed with antiplatelet agents. Patients who develop neurologic symptoms while on antiplatelet agents, or have interval enlargement of their pseudoaneurysms, may require repair of the vessel. We describe a case in which we performed an endovascular repair of an enlarging distal cervical internal carotid artery pseudoaneurysm, with placement of a covered stent.

The video can be found here: http://youtu.be/uCypcsBvOZ4.
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KEY WORDS • trauma • dissecting aneurym • pseudoaneurysm • covered stent • video