



## Operative Report – Nervous System

**Diagnosis: Left carotid artery stenosis**

**Procedure: Left carotid endarterectomy with bovine pericardial patch closure**

**Procedure:**

The patient was brought to the Operating Room. General endotracheal anesthesia was provided. The left neck was prepped and draped in sterile fashion. We made an incision along the anterior border of the sternocleidomastoid muscle. Platysma was divided. Sternocleidomastoid muscle was retracted posterolaterally. The internal jugular vein and crossing branch including the facial vein was ligated with 2-0 silk suture. The left common carotid artery was exposed. Dissection continued cephalad with exposure of both the internal and external carotid artery. There was a soft segment of the internal carotid artery without disease which was circumferentially controlled after the patient was systemically heparinized with 5000 units of IV heparin. The common carotid artery was also likewise circumferentially controlled as was the external and superior thyroid. We clamped in sequence of internal followed by common, followed by external carotid arteries. There were no immediate EEG changes. An arteriotomy was made in the common carotid, continuing into the internal carotid artery. Using a double-ended spatula, removal of the atheromatous material was achieved proximally in the common carotid and most distally in the left internal carotid. The external pericardial patch was sewn in place with a continuous running 6-0 Prolene suture spanning the arteriotomy site in the common and internal carotid arteries. We re-established flow to the external followed by internal carotid artery. There were no significant EEG changes noted. We closed in a layered fashion using 2-0 Vicryl, 3-0 Vicryl, and 4-0 Monocryl subcuticular

stitch. The patient was transferred to the Recovery Room in satisfactory condition.

**ICD-10-CM code(s):**

**I65.22; Occlusion and/or stenosis of left carotid artery**

**ICD-10-PCS code(s):**

**03CJ0ZZ; Extirpation, left common carotid artery, open**

**03UJ0KZ; Supplement, left common carotid artery, open, nonautologous tissue substitute.**

**[4A00X4Z]; Electroencephalogram, external, electrical activity, NQ**

**Rationale:**

For coding purposes, choose the anatomical site closest to the heart for the body part value for endarterectomy. <AHA, *Coding Clinic*, Q1,2022>

A patch graft reinforces the arteriotomy site therefore is considered a supplement.

Where the “zooplastic” device value is not available, when graft material is derived from a living or biological basis it is appropriate to use “nonautologous tissue substitute” as the device value for a bovine patch graft <AHA, *Coding Clinic* Q4,2014>