

The Importance of Following Patients with Popliteal Artery Aneurysms

- HPI:
 - 75-year-old male with a 30-pack year tobacco use, stage II pulmonary SCC, DDD, CVA, HTN, CAD, HLD, CKD, stable 2 cm right CIA and bilateral popliteal artery aneurysms.
 - The patient underwent multiple endovascular and open revascularization procedures on the left between 2010 and 2022. On follow-up, the postoperative CT showed the patient had developed a new 2.7 cm right SFA and 2 cm popliteal aneurysm proximal and distal to the previously placed stent graft from 2008.
- Surgical repair
 - Angiography with placement of overlapping covered stent grafts.
- Outcome
 - Maintained on Xarelto and Plavix without complication.
- Takeaway
 - Patients with peripheral artery aneurysms that have undergone previous repair may benefit from routine imaging surveillance.



Figure 1: A. Arteriogram showing right SFA and popliteal aneurysms. B. Completion angiogram after stent deployment.

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