A 55-year-old woman was found to have an asymptomatic true innominate artery aneurysm following workup for a fainting spell. Fig. 1A shows an MRA image of the aneurysm. Repair was performed via an upper hemisternotomy incision angled along the anterior border of the right sternocleidomastoid muscle (Fig. 1B–D).

Fig. 1. (A) MRA innominate artery aneurysm. (B) Intraoperative isolation of innominate artery aneurysm. (C) Insertion of a 12 mm × 6 mm × 6 mm Dacron graft from innominate artery to right subclavian artery and right common carotid artery after aneurysm resection. (D) Innominate artery aneurysm surgical specimen opened.