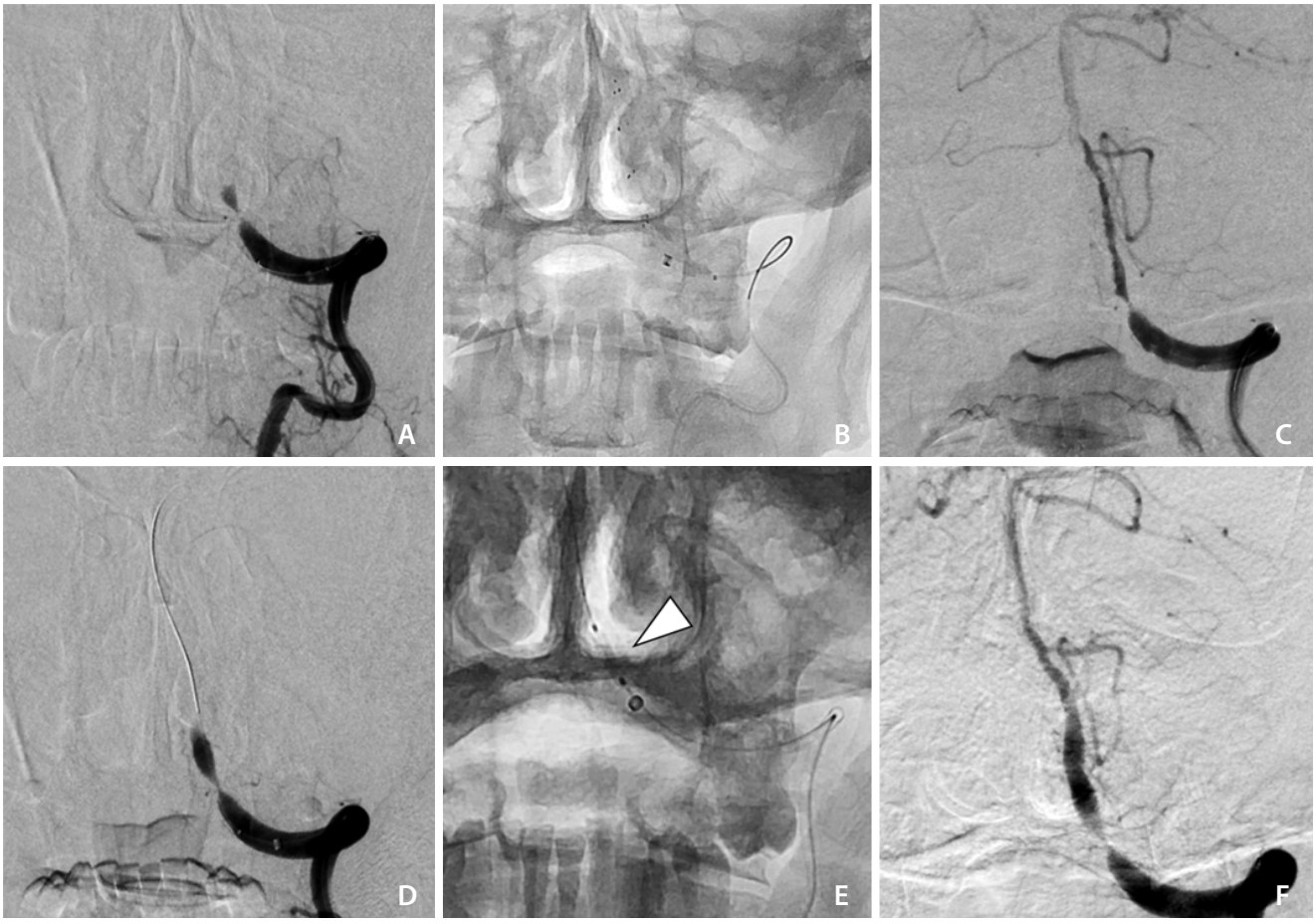

Supplementary Fig. 2. Left VA occlusion treated with TSRD: reocclusion after resheathing despite no IST, requiring rescue balloon angioplasty. (**A**) Frontal-view DSA demonstrates high-grade stenosis of the left VA V4 segment with distal occlusion. (**B**) Fluoroscopy shows deployment of a Solitaire Platinum 6×40 mm SR (Medtronic) across the stenotic segment for TSRD (angiographic assessments were performed at 10-minute intervals). (**C**) After 20 minutes, IST was absent. (**D**) Follow-up angiography 10 minutes after resheathing demonstrates reocclusion. (**E**) Rescue balloon angioplasty using a UNRYU 2.0×15 mm balloon (Kaneka Medix) at 6 atmospheres was performed (arrowhead). (**F**) Final DSA shows restored antegrade flow across the stenotic segment. TSRD, temporary stent retriever deployment; IST, in-stent thrombotic sign; DSA, digital subtraction angiography; VA, vertebral artery.