Objective(s): To demonstrate a standard case of transcarotid artery revascularization (TCAR) with a recently FDA approved flow reversal system.

Methods: Presented in this video is a 71 year-old female with a >80% asymptomatic left carotid artery stenosis. She was deemed high risk for standard carotid endarterectomy due to severe pulmonary disease, and thus qualified for transcarotid artery stenting.

Results: The patient tolerated the procedure well with no immediate perioperative complications. At 1-week postoperatively, the patient demonstrated no neurologic deficits, and duplex imaging confirmed a patent carotid stent.

Conclusions: This video presentation illustrates the pre-operative considerations, the peri-procedural steps, and the early post-operative follow-up for TCAR.

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