Clip reconstruction of giant vertebral artery aneurysm after failed flow reduction therapy

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Flow reduction therapy is sometimes utilized for difficult aneurysms, but it does not always work. A 42-year-old man presented with headache, dizziness, and slight gait disturbance due to left thrombosed giant vertebral artery aneurysm. Clip ligation of the VA after the PICA origin was performed for flow reduction based on the CFD analysis. Two months later, the aneurysm showed minor hemorrhage and hydrocephalus, and thrombectomy and clip reconstruction of the VA was performed. He returned to work with slight ipsilateral facial palsy (House & Brackmann grade 2).

The video can be found here: <http://youtu.be/-AUVk6nxefQ>.

KEYWORDS anterior petrosal approach; transcondylar approach; thrombosed giant aneurysm; vertebral artery aneurysm; video

SUBMITTED September 1, 2014. **ACCEPTED** January 27, 2015.

INCLUDE WHEN CITING Published online July 1, 2015; DOI: <http://thejns.org/doi/abs/10.3171/2015.7.FocusVid.14578>.

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