

Carotid artery webs

Carotid artery webs are an underappreciated cause of recurrent **ischemic stroke**, and may represent a significant portion of **cryptogenic stroke**. Evidence-based guidelines for the management of symptomatic carotid webs do not exist. The goal of this study is to audit our local experience for patients with symptomatic carotid artery webs undergoing carotid stenting as a treatment option, along with describing the hypothesized dynamic physiology of carotid webs.

Methods: All patients undergoing stenting for symptomatic carotid artery web at two comprehensive regional stroke centers with high endovascular thrombectomy volume from January 1, 2012 to March 1, 2021 were included. The modified Rankin Scale (mRS) score was used to define functional outcome at 3 months after stenting.

Results: Fourteen consecutive patients with symptomatic carotid artery webs underwent stenting. Twelve patients were female (86%), with a median age of 54 (IQR, 48-64) years across all patients. Stroke was the qualifying event in 12 (86%) patients and TIA in 2. Eleven patients (11/14, 79%) achieved a mRS score of 0-2 at 90 days, 2 (14%) were mRS 3-5, and one patient was lost to follow-up. The median follow-up was 12 months (IQR, 10-12). There was no recurrent stroke or TIA like symptoms in any patients.

Conclusions: Carotid stenting appears to be safe at preventing recurrent stroke/TIA with a median follow-up of 12 months in this retrospective multicenter observational study ¹⁾.

¹⁾

Pasarikovski CR, Lynch J, Corrin M, Ku JC, Kumar A, Pereira VM, Krings T, da Costa L, Black SE, Agid R, Yang VX. Carotid stenting for symptomatic carotid artery web: Multicenter experience. Interv Neuroradiol. 2024 Jan 17;15910199231226293. doi: 10.1177/15910199231226293. Epub ahead of print. PMID: 38233047.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=carotid_artery_webs

Last update: **2024/06/07 02:56**

