An anomalous developmental venous anomaly

Developmental venous anomalies (DVA) are congenital variants of cerebral veins, found incidentally at autopsy in 2.6% of the population, which are most often asymptomatic. Symptomatic compression of a cranial nerve by the collecting vein of a DVA is extremely rare, such as tinnitus from compression of the vestibulocochlear nerve.

A 51-year-old man presented with 1 week of intermittent vertigo and mild left-sided dysmetria. Imaging showed contact of the left vestibular nerve by the collecting vein of a cerebellar DVA (figures 1 and 2). We speculate that the symptoms were caused by transient migration of the cisternal segment of the collecting vein. Management was conservative with spontaneous resolution.

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Author contributions: Analysis and interpretation of data: Dr. Narendra, Dr. Wang, Dr. Erkkinen, Dr. Jagadeesan, Dr. Lee, Dr. Zimmerman, and Dr. Klein. Drafting of the manuscript: Dr. Narendra and Dr. Klein. Critical revision of the manuscript for important intellectual content: Dr. Narendra, Dr. Wang, Dr. Erkkinen, Dr. Jagadeesan, Dr. Lee, Dr. Zimmerman, and Dr. Klein.

Acknowledgement: The authors thank Dr. Mark R. Etherton, Dr. Taha Gholipour, and Matthew W. Rondeau of the Department of Neurology, Brigham and Women’s Hospital, for discussion of the case.

Study funding: No targeted funding reported.

Disclosure: The authors report no disclosures relevant to the manuscript. Go to Neurology.org for full disclosures.

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REFERENCES
Figure 2 3D reconstruction of cerebellar developmental venous anomaly

3D reconstructed image shows the developmental venous anomaly and collecting vein (purple) and cranial nerves (yellow): trigeminal, black arrows; facial, white arrows; vestibulocochlear, hashed arrows.

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Neurology 2014;83;1033-1034
DOI 10.1212/WNL.0000000000000772

This information is current as of September 8, 2014