

Doppler

[Doppler ultrasound](#) test uses reflected sound waves to see how blood flows through a blood vessel. It helps evaluate blood flow through major arteries and veins, such as those of the arms, legs, and neck. It can show blocked or reduced flow of blood through narrow areas in the major arteries of the neck that could cause a stroke.

[Duplex ultrasonography](#)

see [color flow duplex scanning](#)

[Ultrasound](#) parameters are independently correlated with ipsilateral [cerebral stroke](#) in patients with [Moyamoya disease](#) (MMD). [Ultrasound](#) provides a new way to identify stroke in MMD patients. Future [prospective cohort](#) studies are needed to verify the clinical value of ultrasound in identifying patients with MMD at high risk of stroke ¹⁾.

[Ultrafast Doppler ultrasound](#)

¹⁾

Zheng S, Wang F, Cheng L, Li R, Zhang D, He W, Zhang W. [Ultrasound](#) parameters associated with [stroke](#) in patients with [moyamoya disease](#): a [logistic regression](#) analysis. Chin Neurosurg J. 2022 Oct 11;8(1):32. doi: 10.1186/s41016-022-00300-5. PMID: 36221122.

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Last update: **2024/06/07 02:53**

