

Intracranial artery stenosis

Intracranial **stenosis** is the severe narrowing of an **artery** within the **skull**. A blood vessel narrows when fatty deposits (plaque) build up inside the vessel, a condition known as **atherosclerosis**. Stenosis can restrict **blood flow** to areas of the brain, increasing the risk of **stroke**.

Higher circulating **PCSK9** levels were independently associated with an **intracranial artery stenosis (ICAS)** prevalence but not with a **cerebral small vessel disease (CSVD)** prevalence. The quantification of circulating PCSK9 levels may help to identify individuals at high risk for cerebrovascular disease in the general population ¹⁾.

¹⁾

Kunimura A, Yano Y, Hisamatsu T, Torii S, Kondo K, Kadota A, Fujiyoshi A, Okamura T, Watanabe Y, Shiino A, Nozaki K, Ueshima H, Miura K; SESSA research group. Association between proprotein convertase subtilisin/kexin type 9 (PCSK9) and subclinical cerebrovascular disease in the community. Eur J Neurol. 2023 Feb 2. doi: 10.1111/ene.15723. Epub ahead of print. PMID: 36727585.

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