

# Arterial blood flow

Preservation of adequate blood [flow](#) and exclusion of flow from lesions are key concepts of [vascular neurosurgery](#).

see [Cerebral blood flow](#)

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Vascular studies use high-frequency sound waves (ultrasound) to measure the amount of [blood flow](#) in your blood vessels. A small handheld probe ([transducer](#)) is pressed against your skin. The sound waves move through your skin and other body tissues to the blood vessels. The sound waves echo off of the blood cells.

[Cerebral blood flow measurement](#)

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