

# Intracranial bruit

A **bruit** invariably accompanies the pulsating **proptosis** of a **Carotid-cavernous fistula**, usually due to a head injury or due to the rupture of a carotid aneurysm in the cavernous sinus. A bruit may also be heard in the presence of a cerebral angioma but absence of a murmur does not exclude such a lesion. It has also been found out that increased row will also occur and a bruit may be heard when one is in generalized conditions such as thyrotoxicosis, severe anemia, and advanced Paget's disease of the skull.

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especially with dural AVMs

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## Vein of Galen malformation

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Over 20 years ago, Charles Warlow, the founding editor of Practical Neurology, offered a copy of his stroke textbook to anyone diagnosing an intracranial arteriovenous malformation by auscultation of the skull alone <sup>1)</sup>.

<sup>1)</sup>  
Larner AJ. Intracranial bruit: Charles Warlow's challenge revisited. Pract Neurol. 2021 Dec 1;practneurol-2021-003226. doi: 10.1136/practneurol-2021-003226. Epub ahead of print. PMID: 34853127.

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