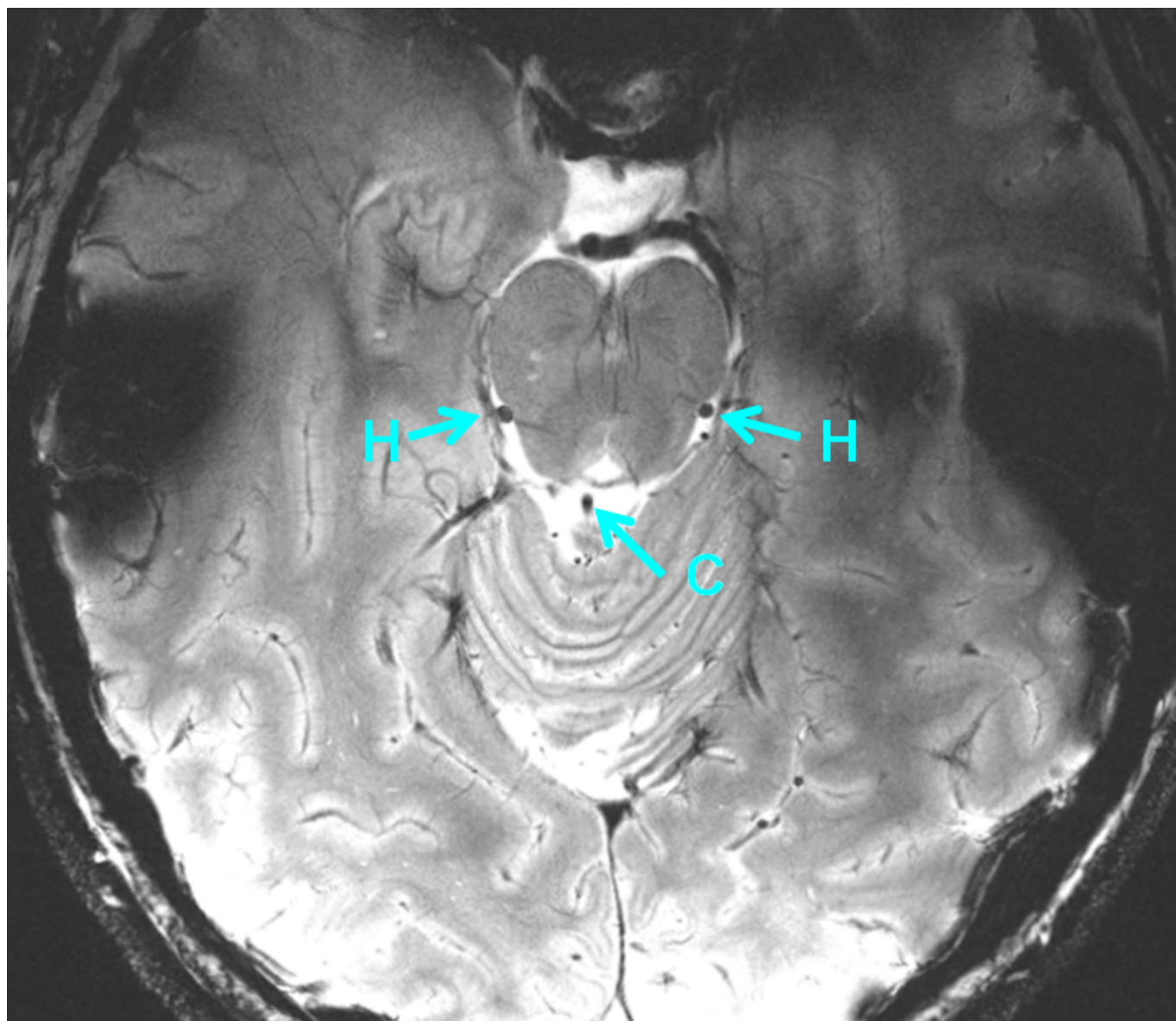


Cerebellomesencephalic fissure

Fissure dissection is routinely used in the supratentorial region to access deeply situated pathology while minimizing division of neural tissue. Use of fissure dissection is also practical in the posterior fossa.

Opening the cerebellar-brainstem and adjacent cerebellar fissures provided access to the brainstem surface hidden by the cerebellum, while minimizing division of neural tissue. Most of the major cerebellar arteries, veins, and vital neural structures are located in or near these fissures and can be accessed through them ¹⁾.

The [trochlear nerves](#) run through the [cerebellomesencephalic fissure](#), as do the [superior cerebellar artery](#) (SCA).



C: [Precentral vein](#)

¹⁾

Matsushima K, Yagmurlu K, Kohno M, Rhoton AL Jr. Anatomy and approaches along the cerebellar-brainstem fissures. J Neurosurg. 2015 Aug 14:1-16. [Epub ahead of print] PubMed PMID: 26274986.

From:
<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:
https://neurosurgerywiki.com/wiki/doku.php?id=cerebellomesencephalic_fissure

Last update: **2024/06/07 02:59**

