

Splenial habenular junctional area

The splenial-habenular junctional area is an alternative site for neuroendoscopic fenestration to divert CSF flow into the [quadrigeminal cistern](#) in cases in which [endoscopic third ventriculostomy](#) is not amenable. In some patients with [obstructive hydrocephalus](#), the [splenium](#) of the [corpus callosum](#) can be elevated from the habenular complex. This exposes the membranous connection between the splenium and [habenula](#), which can be fenestrated to divert the CSF flow into the quadrigeminal cistern. This technique can be performed in patients in whom the [foramen of Monro](#) or the [third ventricle](#) is blocked by a lesion.

Idris et al. present 3 complex cases that were managed by neuronavigation-guided transventricular transcavum endoscopic fenestration of the splenial-habenular junctional area. These cases may increase the knowledge and understanding of the anatomy of this region ¹⁾.

1)

Idris Z, Johnson JR, Abdullah JM. Endoscopic fenestration at the splenial-habenular junctional area for symptomatic cavum and tumor at the foramen of Monro: case reports and anatomical review. J Neurosurg. 2014 Oct 24:1-7. [Epub ahead of print] PubMed PMID: 25343181.

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