

Cerebellopontine angle cistern

The [cerebellopontine angle](#) (CPA) [cistern](#) is situated in the lateral angle between the [cerebellum](#) and the [pons](#).

Boundaries

superior: tentorium cerebelli

posterior: anterior surface of cerebellum

inferior: lower cranial nerves

anterior: cerebellar hemisphere

anterolateral: posterior surface petrous temporal bone

medial: pons

It contains:

The seventh (VII) and eighth (VIII) cranial nerves.

The anteroinferior cerebellar artery (AICA).

The fifth (V) cranial nerve and the petrosal vein.

The volumetric parameters of the CPA cistern are a marker for understanding the pathogenesis of TN and useful for predicting the recurrence after MVD. The Cistern Deviation Index might contribute to deciding the surgical approach.

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