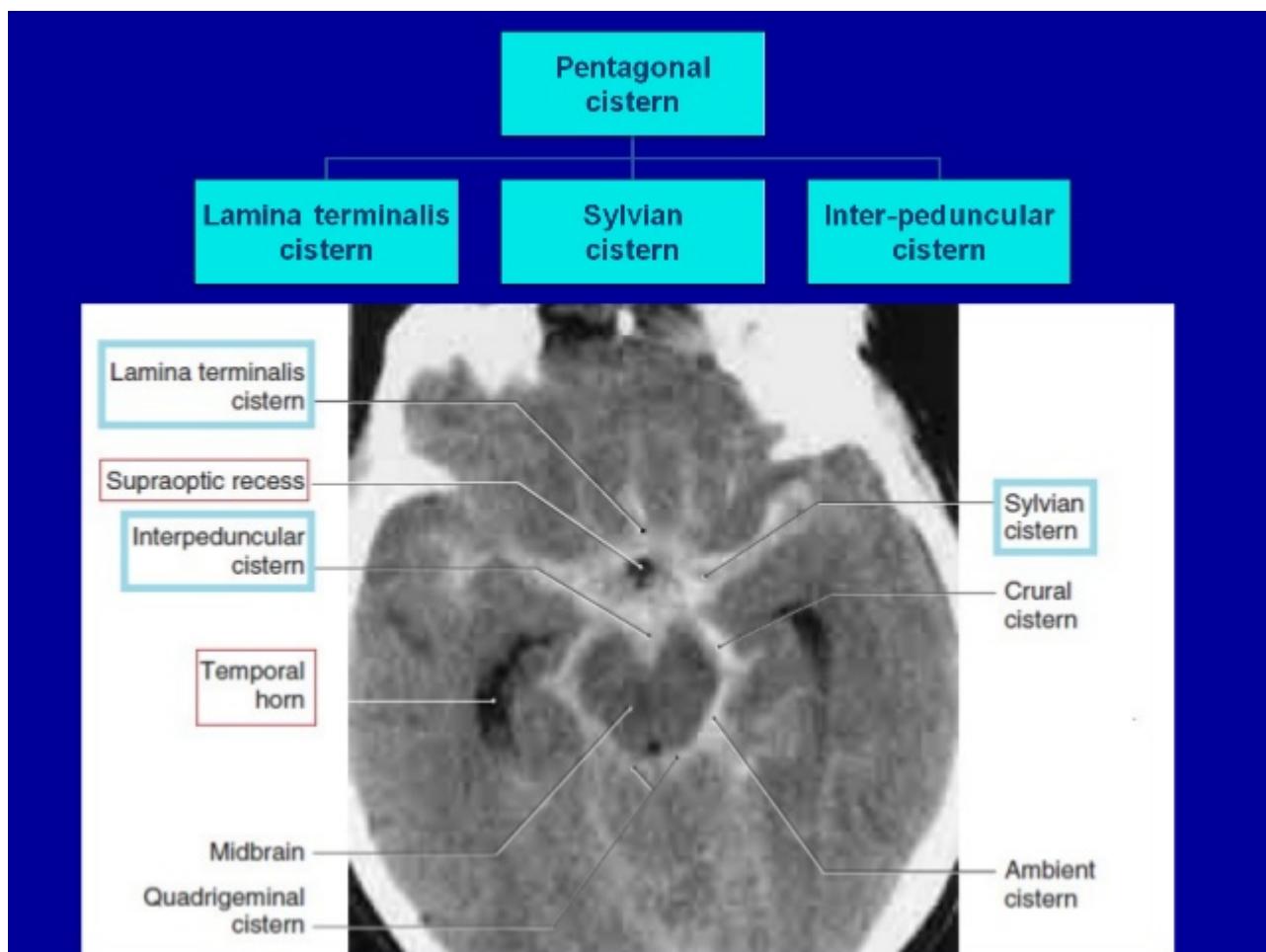


Quadrigeminal cistern



The superior cistern (cistern of great cerebral vein, [quadrigeminal cistern](#)) is a dilation as a subarachnoid cistern of the subarachnoid space between the [splenium](#) of the corpus callosum and the superior surface of the [cerebellum](#); it extends between the layers of the [tela choroidea](#) of the [third ventricle](#) and contains the [great cerebral vein](#) and the [pineal gland](#).

Synonyms Other synonyms are cistern of great cerebral vein, quadrigeminal cistern, Bichat's canal, and Bichat's foramen.

see also [Quadrigeminal cistern cyst](#).

The criteria for [cerebellar hemorrhage treatment](#) with surgery remain controversial, and many researchers have determined that a hematoma larger than 3 cm, obstruction of the [quadrigeminal cistern](#), and compression of the [fourth ventricle](#) are surgical criteria ^{1) 2) 3)}.

¹⁾

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