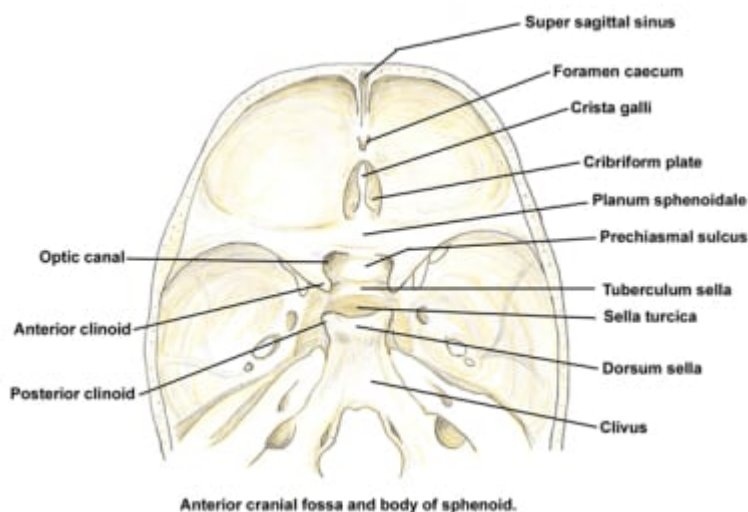


Planum sphenoidale



The planum sphenoidale (or jugum sphenoidale) is the planar surface of the [sphenoid bone](#) connecting the two lesser wings, and lies anterior to the [sella turcica](#). Together with the [anterior clinoid processes](#), it forms the roof of the [sphenoid sinus](#). It marks the posterior limit of the [anterior skull base](#), and meningiomas that arise from this site are known as [planum sphenoidale meningiomas](#). With the proximity of such lesions to vital structures like the optic apparatus and [pituitary gland](#), clinical features have been noted to include visual impairment and hormonal deficiencies.

The planum sphenoidale is separated posteriorly from the [tuberculum sellae](#) (TS) by the [chiasmatic groove](#).

see [Planum sphenoidale meningioma](#).

[Anterior skull base meningiomas](#) involving the [tuberculum sellae](#) area can cause PS upward bulging, which lowers the tumor resection rate and should be considered while determining the treatment approach ¹⁾

¹⁾

Cao J, Sun P, Gu C, Wang H, Qu Y, Zhang H, Zhang M, Yu C. Surgical Implications and Radiologic Classification for the Upward Bulging of the Planum Sphenoidale in Patients With Anterior Skull Base Meningiomas Involving the Tuberculum Sellae Area. J Craniofac Surg. 2023 Mar-Apr 01;34(2):467-470. doi: 10.1097/SCS.00000000000008851. Epub 2022 Aug 1. PMID: 36857564.

From:

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

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=planum_sphenoidale

Last update: **2024/06/07 02:55**

