

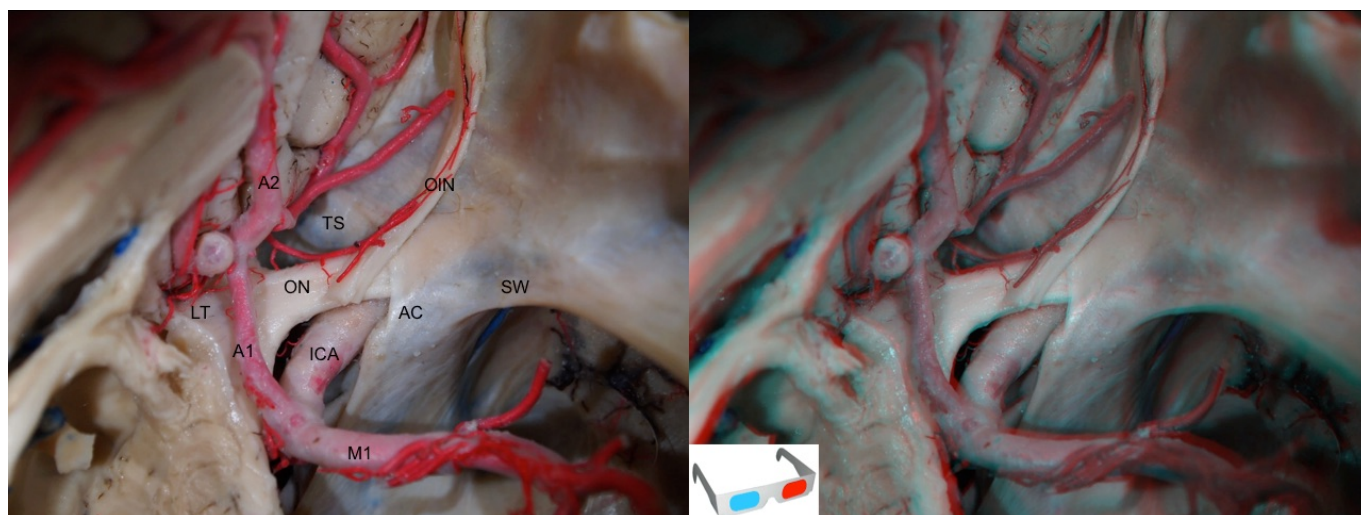
Tuberculum sellae

The **tuberculum sellae** is the bony elevation between the **chiasmatic sulcus** and the **sella turcica**. By definition, the **limbus sphenoidale** (which is the anterior margin of the chiasmatic sulcus) is the demarcation between the anterior and **middle cranial fossa**.

Anatomy

In the **sphenoid bone**, behind the **chiasmatic groove** is an elevation, the tuberculum sellae (or the tubercle of sella turcica). A variable slight to prominent median elevation forming the posterior boundary of the **prechiasmatic sulcus** and the anterior boundary of the hypophysial fossa.

A challenging area in **skull base surgery** is microsurgery of the tuberculum sellae and sphenoid-orbital lesions.



AC: **anterior clinoid process**; ICA: **internal carotid artery**; LT: **lamina terminalis**; ON: **optic nerve**; OIN: **olfactory nerve**; SW: **sphenoid wing**; TS: **tuberculum sellae**; A1: A1 segment of the **Anterior Cerebral Artery**; A2: A2 segment of the **Anterior Cerebral Artery**; M1: M1 segment of the **Middle Cerebral Artery**

see <http://3dneuroanatomy.com>

Tuberculum sellae meningioma

see [Tuberculum sellae meningioma](#)

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Last update: **2024/06/07 02:53**



