

Petrus part of the temporal bone

The posterior surface of the petrosal portion of the [temporal bone](#) is the back side of the [Petrus part of the temporal bone](#), which is a complex and compact bone located in the skull. The petrous portion of the temporal bone is involved in the formation of the base of the [skull](#) and is adjacent to the middle and [inner ear](#) structures. The posterior surface of the petrosal portion of the [temporal bone](#) is relatively flat and forms part of the [posterior cranial fossa](#). It is separated from the [occipital bone](#) by the [sigmoid sulcus](#) and is in close proximity to the [sigmoid sinus](#) and [internal auditory canal](#), which contain important structures such as the [facial nerve](#) and [cochlea](#). Knowledge of the anatomy of the posterior surface of the petrosal portion of the temporal bone is important for a range of clinical applications, including [skull base surgery](#) and middle ear surgery.

see [Petrus bone](#)

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

