

Suprameatal triangle

In the temporal bone, between the posterior wall of the [external acoustic meatus](#) and the posterior root of the zygomatic process is the area called the suprameatal triangle, suprameatal pit, mastoid fossa, foveola suprameatica, or Macewen's triangle, through which an instrument may be pushed into the mastoid antrum. In the adult, the antrum lies approximately 1.5 to 2 cm deep to the suprameatal triangle. This is an important landmark when performing a cortical mastoidectomy. The suprameatal triangle lies deep to the cymba conchae.

The use of the retrosigmoid approach has expanded by several modifications, including the [suprameatal](#), [transmeatal](#), [suprajugular](#), and [inframeatal](#) extensions. Intradural temporal bone [drilling](#) without damaging vital structures inside or beside the bone, such as the [internal carotid artery](#) and [jugular bulb](#), is a key step for these extensions.

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