

Posteromedial (Kawase's) Triangle

: the line connecting the arcuate eminence and the postero-medial corner of the geniculate ganglion - nerve V - the line connecting the arcuate eminence and posterior aspect of nerve V where it crosses the crest of the petrous apex.

The Kawase triangle is shown to be a safe anatomical landmark for [anterior petrosectomy](#).

Landmarks described by Borghei-Razavi et al. avoid damage to the vital anatomical structures during access to the posterior fossa through middle fossa, despite temporal bone anatomical variations and different tumor sizes ¹⁾

This area is also known as The Rhomboid.

Removal of the [petrous bone](#) within this triangle/quadrangle is an anterior [petrosectomy](#).

Borders: Mandibular Nerve (V3)

[greater superficial petrosal nerve](#) (GSPN)

Arcuate Eminence

Superior Petrosal Sinus

-or-

GSPN

Arcuate Eminence

A line connecting the hiatus fallopii and [Meckel's Cave](#)

Contents:

Petrous Apex

IAC

Vertebrobasilar Junction

¹⁾

Borghei-Razavi H, Tomio R, Fereshtehnejad SM, Shibao S, Schick U, Toda M, Kawase T, Yoshida K. Anterior petrosal approach: The safety of Kawase triangle as an anatomical landmark for anterior petrosectomy in petroclival meningiomas. Clin Neurol Neurosurg. 2015 Oct 28;139:282-287. doi: 10.1016/j.clineuro.2015.10.032. [Epub ahead of print] PubMed PMID: 26552034.

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

Permanent link:
https://neurosurgerywiki.com/wiki/doku.php?id=kawase_triangle

Last update: **2024/06/07 02:49**



