

Trigeminal schwannoma treatment

Patients presenting with [trigeminal schwannomas](#) require [multimodality](#) management by a skull base surgical team that can offer expertise in both transcranial and transnasal approaches as well as radiosurgical and microsurgical strategies. Improvement in neurologic symptoms, preservation of cranial nerve function, and control of [mass effect](#) are the primary goals of management for trigeminal schwannomas. Complete surgical [resection](#) is the treatment of choice but may not be possible in all cases. [Radiosurgery](#) is an option as primary management for small- to moderate-sized tumors and can be used for postoperative residuals or recurrences. Planned surgical resection followed by SRS for residual tumor is an effective option for larger trigeminal schwannomas. The endoscopic resection is an excellent approach for patients with an extradural tumor or tumors isolated to the [Meckel cave](#). A detailed analysis of a tumor and its surroundings based on high-quality imaging can help better estimate the expected outcome from each treatment. An expert skull base team should be able to provide precise counseling for each patient's situation for selecting the best option ¹⁾.

Surgery

[Trigeminal schwannoma surgery](#).

Gamma Knife radiosurgery

see [Gamma Knife radiosurgery for Trigeminal schwannoma](#).

¹⁾

Niranjan A, Barnett S, Anand V, Agazzi S. Multimodality Management of Trigeminal Schwannomas. J Neurol Surg B Skull Base. 2016 Aug;77(4):371-8. doi: 10.1055/s-0036-1581138. Epub 2016 Apr 22. PMID: 27441164; PMCID: PMC4949062.

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