

Giant vestibular schwannoma treatment

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Surgical operation is the first choice in the treatment of giant acoustic neuromas. Under the auxiliary of neural electrophysiological monitoring, the microsurgery operation via [suboccipital retrosigmoid approach](#) for giant acoustic neuromas has extremely low mortality and high preservation rate of facial nerve function ¹⁾.

With a 'modified' surgical technique of extra-arachnoidal dissection of VS throughout surgery and limited meatal drilling, an improved rate of functional FN preservation was observed ²⁾.

¹⁾

Yang X, Zhang Y, Liu X, Ren Y. [Microsurgical treatment and facial nerve preservation in 400 cases of giant acoustic neuromas]. Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi. 2014 Jan;28(1):79-84. Chinese. PubMed PMID: 24693785.

²⁾

Gupta SK, Gupta D, Savardekar A. Extra-Arachnoidal Dissection and Limited Meatal Drilling for Excision of Giant Vestibular Schwannomas: Improved Facial Nerve Preservation. Neurol India. 2022 Jan-Feb;70(1):115-121. doi: 10.4103/0028-3886.338661. PMID: 35263863.

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