

Neuropsychiatric disorders after vestibular schwannoma surgery

- [Quality of Life in Patients with Vestibular Schwannomas Following Gross Total or Less than Gross Total Microsurgical Resection: Should We be Taking the Entire Tumor Out?](#)
- [Gamma Knife Radiosurgery for Vestibular Schwannomas and Quality of Life Evaluation](#)
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Compared to clinical observation only, patients who underwent [Vestibular Schwannoma surgery](#) were twice more likely and those who underwent SRS were 1.5 times more likely to develop [Mental Health Disorders](#) with a corresponding increase in health care utilization at one-year follow-up ¹⁾

[Gross Total resection](#) is associated with better [QoL](#) using the general QoL measures [SF-36](#) and [PROMIS-10](#) and the disease-specific PANQOL, even after controlling for baseline and outcome differences. This is especially significant in the assessment of [mental health](#), indicating there may indeed be a psychological advantage to the patient that translates to overall well-being to have the entire tumor removed if microsurgical [resection](#) is undertaken ²⁾.

¹⁾

Sharma M, Wang D, Kaoutzani L, Ugiliweneza B, Boakye M, Andaluz N, Williams BJ. Impact of Management Strategies on New Onset Mental Health Disorders (MHD) and Associated Health Care Utilization in Patients with Vestibular Schwannoma. World Neurosurg. 2023 Feb 14:S1878-8750(23)00187-0. doi: 10.1016/j.wneu.2023.02.048. Epub ahead of print. PMID: 36796626.

²⁾

Link MJ, Lund-Johansen M, Lohse CM, Driscoll CLW, Myrseth E, Tveiten OV, Carlson ML. Quality of Life in Patients with Vestibular Schwannomas Following Gross Total or Less than Gross Total Microsurgical Resection: Should We be Taking the Entire Tumor Out? Neurosurgery. 2018 Apr 1;82(4):541-547. doi: 10.1093/neuros/nyx245. PubMed PMID: 29554375.

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