

Gross total resection

see also [Near total resection](#)

No residual [enhancement](#) on immediate [postoperative](#) MRI.

GTR 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 ¹⁾.

Gross [total resection](#) (GTR) in [glioblastoma](#) (GB) and [anaplastic astrocytoma](#) (AA) patients is associated with improved [survival](#).

¹⁾

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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