

Superior temporal sulcus approach

Nagata and Sasaki applied the [superior temporal sulcus \(STS\) approach](#) to treat [trigone meningiomas](#). They suggested that the STS approach was applicable to small trigonal tumors with an acceptable risk of morbidity. However, this approach has several potential risks of postoperative morbidity caused by retraction injury of the [superior temporal gyrus](#) or [parietal lobe](#). The possible morbidities associated with the STS approach include damage to : [association fibers](#), the [optic radiation](#), the [auditory radiation](#), the [Heschl's Gyrus](#), and the parietal lobe ¹⁾.

¹⁾

Nagata S, Sasaki T. Lateral transsulcal approach to asymptomatic trigonal meningiomas with correlative microsurgical anatomy : technical case report. Neurosurgery. 2005;56:E438. discussion E438.

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