

Preoperative radiological analysis with CT & MRI is inevitable in planning endonasal transsphenoid surgery to avoid complications because of the high variability concerned with sphenoid anatomy. Anatomical variations of sphenoid sinus esp. degree of [pneumatization](#), sellar configuration, [septation](#) pattern, inter carotid distance were evaluated. Results were significant and in concordance with other similar studies. Most frequently encountered pneumatization was sellar type and least was conchal type [Sphenoid sinus pneumatization](#) is directly linked to safe access to sella. Presence of septae within sinus need to be identified preoperatively to avoid damage and confusion intraoperatively ¹⁾

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Prakash BG, Vasan TSC, Babu AR, Saju S. Anatomical Variations of Sphenoid Sinus in South Indian Population: All That You Need for Trans-Sphenoidal Pituitary Surgery. Indian J Otolaryngol Head Neck Surg. 2022 Oct;74(Suppl 2):1646-1650. doi: 10.1007/s12070-021-02793-5. Epub 2021 Aug 3. PMID: 36452778; PMCID: PMC9702382.

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