

Suprasellar region

Various mini-invasive approaches have been developed over the last decade to expose the suprasellar area. The [supraorbital approach](#) takes a predominant place in exposing the suprasellar area and the [Sylvian fissure](#).

After an eyebrow incision, a small frontal craniotomy is performed. Indications, advantages and limitations: This mini-invasive approach was indicated for patients with unruptured aneurysm, in patients with aneurysmal SAH without intracranial hypertension, and especially in elderly patients. This minicraniotomy gives quick and direct access to the aneurysm; provide less trauma of the temporal muscle and improved the cosmetic results; and reduce the risk of postoperative epidural hematoma thanks to the small detachment of the dura mater from the vault ¹⁾.

¹⁾

Lévêque S, Derrey S, Castel H, Proust F. The Mini Supra-orbital Approach for Cerebral Aneurysm of the Anterior Portion of the Circle of Willis. Acta Neurochir Suppl. 2014;119:21-4. doi: 10.1007/978-3-319-02411-0_3. PubMed PMID: 24728627.

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