

Asterional dermoid cyst

Asterion is an uncommon site for **lesions**, especially **dermoid cysts**.

Guarnera et al. from the **S. Andrea Hospital** reported a **case series** of three **asterional intracranial dermoid cysts**, which, have never been described before. Patients presented with non-specific symptoms and underwent surgical **excision** of the lesions. It is crucial to correctly diagnose **intracranial masses** and to identify their relationships with surrounding anatomical structures, especially if the location is unusual as the asterion, to plan surgery. The challenge of this **tumor** location is to preserve the venous drainage system during surgical procedures, because of the contiguity between the asterion and the **transverse-sigmoid** junction. Rupturing or damaging of the venous drainage system have been proven to be catastrophic because they lengthen surgical time and present dire consequences for patients. In conclusion, it is crucial to familiarize with atypical dermoid presentation to ensure proper diagnoses and to perform adequate imaging for optimal surgical **planning** ¹⁾.

¹⁾

Guarnera A, Trasimeni G, Romano A, Stoppacciaro A, Serio M, Miscusi M, Bozzao A. **Dermoid Cysts of the Asterion: An Unusual Location for Unusual Dermoids**, Radiological Findings and Neurosurgical Implications. Tomography. 2022 Apr 14;8(2):1141-1147. doi: 10.3390/tomography8020093. PMID: 35448727.

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