

# Retrosellar arachnoid cyst

A sixteen year old boy was referred to the outpatient clinic because of blurred vision in both eyes since five days. The patient complained of cephalgia and of an increased sleep requirement in the last two weeks. Morphological findings were within the normal range. The visual acuity was 0.7 in the right eye and 0.2 in the left eye. The visual fields showed an incomplete homonymous hemianopia to the right. The CT and MRI revealed a retrosellar [arachnoid cyst](#). Two weeks after fenestration of the cyst the visual acuity had risen to 1.3 in both eyes and the visual field defects had disappeared nearly completely.

A retrosellar arachnoidal cyst can impair the visual pathway. Early fenestration prevents permanent damage <sup>1)</sup>.

<sup>1)</sup>

Gau M, Nestler A, Dietrich J, Faude F. [A retrosellar arachnoid cyst as a rare cause of homonymous hemianopsia]. Klin Monbl Augenheilkd. 1998 Jun;212(6):480-1. German. PubMed PMID: 9715471.

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