Suprasellar paraganglioma

A man in his 20s presented to the neurosurgery department 2 years ago with a headache and blurred vision. He was diagnosed to have a suprasellar tumor on neuroimaging. Best-corrected visual acuity in the right eye was 6/36 and that in the left eye was 6/60. Automated visual fields showed temporal hemianopia in the right eye and an advanced field defect in the left eye. His hormonal profile was normal, and he underwent partial excision of the suprasellar tumor, which was a histopathologically proven paraganglioma (PGL). Subsequently, the patient underwent radiotherapy and his vision and visual fields showed improvement. A follow-up examination 3 years later showed a left retinal capillary hemangioblastoma (RCH), which was treated with green laser photocoagulation, resulting in complete sclerosis. This case is unique because of the extremely rare coexistence of a sellar PGL and RCH, which to our knowledge has not been reported so far [1].

1)
Ghaisas S, Rao KS, Preethi A, Rani PK. Suprasellar paraganglioma in a clinical setting of von Hippel-Lindau syndrome. BMJ Case Rep. 2022 Mar 23;15(3):e245907. doi: 10.1136/bcr-2021-245907. PMID: 35321910.