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# Bilateral central retinal artery occlusion: An exceptional complication after frontal parasagittal meningioma resection

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## Abstract

**Background:** Central retinal artery occlusion (CRAO) is a rare acute disease associated with great morbidity. It is reported as a complication of surgical procedures, but rarely associated with brain surgery and no reports before due to parasagittal meningioma resection.

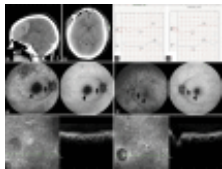
**Case description:** We present the case of a 41-year-old female who underwent surgery for a parasagittal meningioma and developed a bilateral CRAO as an acute postoperative complication. Most common causes, such as cardiac embolism, carotid pathology and coagulation problems, were discussed and all clinical and neuroradiological exams performed were reported.

**Conclusion:** Bilateral CRAO as results of brain surgery is extremely rare; however, if it occurs, it should be early recognized and treated to minimize its high morbidity.

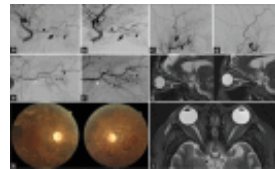
**Keywords:** Case report; Ophthalmic artery; Postoperative management; Retinal artery occlusion; Surgical complication.

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## Figures



**Figure 1:** Preoperative (a) and postoperative (b)...



**Figure 2:** Postoperative right (a) and left...

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