## Slowly but surely, ipsilateral painless vision loss due to Meningothelial meningioma: a case report

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## ABSTRACT

We report and discuss a case of painless gradual ipsilateral vision loss secondary to optic nerve sheath meningioma (ONSM), an uncommon benign tumour arising from optic nerve and meningeal sheath. ONSM is the second-most common primary optic nerve tumour. It can grow along the entire length of the nerve and penetrate into cerebral space, affecting the contralateral visual pathway. Method: A single case report. A 56-year-old woman presented with painless right eye swelling for 6 months with preceding progressive reduction of right vision for a year. Examination revealed right proptosis with mild swelling surrounding the right eye. There was right relative afferent pupillary defect with no light perception. The right optic disc was pale. Computed Tomography scan showed an intraconal mass and surgery revealed yellowish-white mass engulfing the optic nerve. Histopathological examination revealed meningothelial meningioma. Due to the size of the tumour and poor visual prognosis, exenteration with lid sparing and orbital prosthesis was offered. ONSMs commonly affect the visual pathway due to their location and may lead to vision loss. Treatments of ONSMs include observation, surgical resection, and radiotherapy. Asymptomatic patients can be treated conservatively. Recent advancement such as trans-nasal endoscopic optic nerve decompression or stereotactic radiotherapy give promising results in ONSMs patients, including a complete resolution of visual symptoms following total tumour resection.