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Optic Neuropathy Revealing a Pituitary Macroadenoma

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This is the cerebral MRI of a 24-year-old patient with no notable medical history, referred by ophthalmologists for an etiological assessment of bilateral retrobulbar optic neuropathy.

During the interview, the patient reported experiencing headaches and bilateral galactorrhea. Physical examination revealed no abnormalities.

Laboratory tests showed an initial moderate hyperprolactinemia which normalized after a few days.

The cerebral MRI revealed a pituitary macroadenoma with suprasellar extension compressing the optic chiasma.

The patient was referred to neurosurgery for decompression surgery.

Pituitary adenoma is indeed a benign tumor with no impact on life expectancy, but it can threaten visual prognosis (1-2).

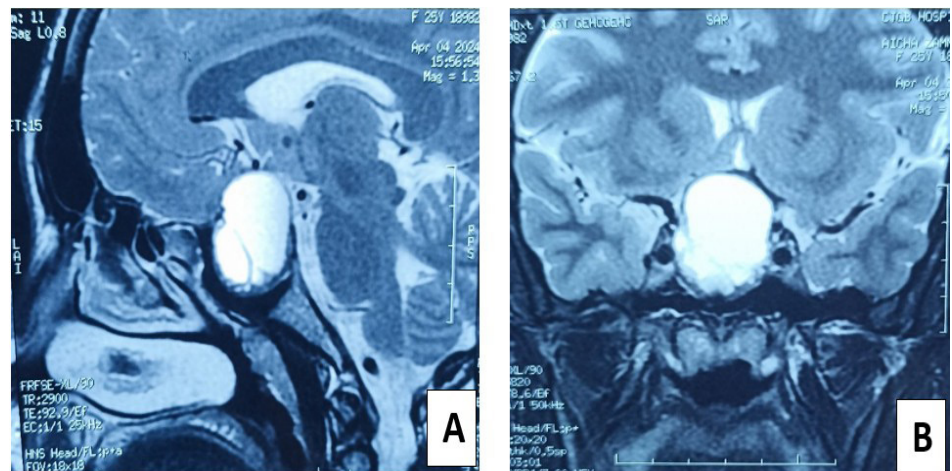


Figure 1: T2-weighted MRI sagittal (A) and coronal (B) view showing the pituitary macroadenoma with suprasellar extension

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