

Clinical Image

Perimenopause Pituitary Hyperplasia with Headache

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A 50 year-old female presented to the outpatient clinic with one year- history of headache, which was dull frontal mild to moderate in intensity did not cause any impairment of routine activities. Patient complains of sever menaupsal symptoms. She denied any visual changes, nausea, vomiting, or other neurological symptoms. The patient had no significant past medical or surgical history and was not taking any medications. On examination, the patient was alert and oriented with normal vital signs. Cranial nerve examination was unremarkable, and there were no focal neurological deficits. The rest of the physical examination was within normal limits. Magnetic Resonance Imaging (MRI) of the brain revealed pituitary hyperplasia, with a size of 1.5 cm in the largest dimension (Figure 1). The optic chiasm was normal, and there was no evidence of a mass effect (Figure 2).

Further evaluation of pituitary function revealed normal levels of prolactin, growth hormone, adrenocorticotrophic hormone, thyroid-stimulating hormone, follicle stimulating hormone and luteinizing hormone were in menopause range. The patient's cortisol level was also within normal limits. The patient was managed conservatively with close follow-up.

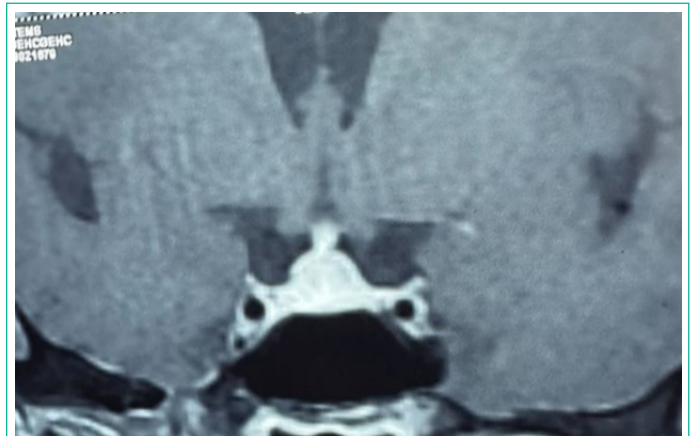


Figure 1:

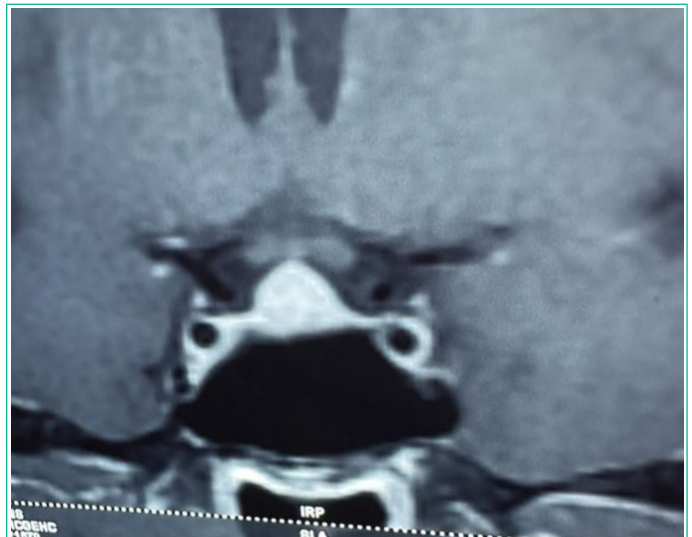


Figure 2: