

## Patient Details

Name: Vaishali Chhangani

Age: 45 Gender: Female

## Treatment Recommendations:

- Medication for Hypertension:** Manage blood pressure with appropriate antihypertensive medications.
- Regular Monitoring:** Schedule regular follow-ups to monitor tumor size and hormone levels.
- Surgery:** Consider surgical intervention for pituitary tumor removal if indicated.

## Possible Causes:

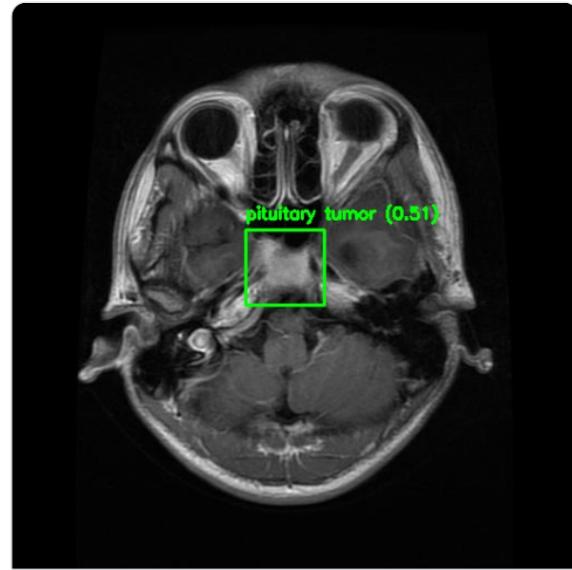
- Chronic Stress:** Long-term stress may contribute to hormonal changes and tumor development.
- Genetic Factors:** Family history of pituitary tumors or related endocrine disorders.
- Hormonal Imbalance:** Disruption in hormone levels potentially leading to tumor growth.

## Recommended Blood Tests:

- Complete Blood Count (CBC):** Evaluate overall health and detect any underlying conditions.
- Electrolytes:** Monitor electrolyte levels to evaluate kidney function and blood pressure.
- Hormone Levels:** Assess levels of pituitary hormones such as ACTH, TSH, LH, and FSH.

## Prescriptions:

- Cabergoline:** Dopamine agonist that may help reduce pituitary tumor size.
- Hydrochlorothiazide:** Diuretic to help control blood pressure.
- Lisinopril:** Used for managing hypertension.



## Detected Features:

**tumor 1:** Area = 0.98 mm<sup>2</sup>, Size = 18.74mm x 17.95mm, Shape = irregular, Location = middle center

Doctor's Signature

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