

Patient Details

Name: Yash Kulkarni

Age: 38 Gender: Male

Treatment Recommendations:

- Lifestyle Modifications:** Encourage weight loss, regular exercise, and a healthy diet to manage hypertension.
- Medication Management:** Consider antihypertensive medications and monitoring for potential tumor-related symptoms.
- Referral to Endocrinologist:** Consultation for specialized management of pituitary tumors.
- Regular Monitoring:** Frequent monitoring of blood pressure and pituitary tumor indicators.

Possible Causes:

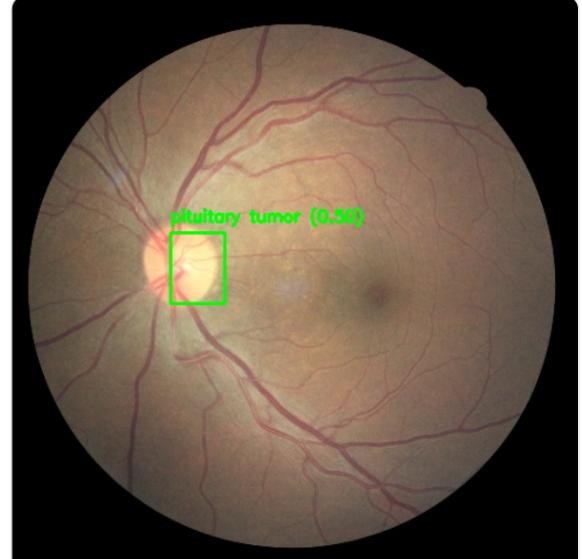
- Genetic Factors:** Family history of hypertension or pituitary tumors may increase risk.
- Obesity:** Excess weight can contribute to hypertension and potentially affect pituitary function.
- Stress:** Chronic stress may exacerbate hypertension and influence pituitary gland activity.

Recommended Blood Tests:

- Electrolyte Panel:** Check for imbalances that may contribute to hypertension.
- Hormonal Panel:** Assess levels of hormones produced by the pituitary gland.
- Thyroid Function Tests:** Evaluate thyroid hormone levels to rule out thyroid-related hypertension.

Prescriptions:

- Cabergoline:** Dopamine agonist used for treating pituitary tumors.
- Lisinopril:** An ACE inhibitor used to manage high blood pressure.
- Metoprolol:** A beta-blocker that helps lower heart rate and blood pressure.



Detected Features:

tumor 1: Area = 1.32 mm², Size = 12.94mm x 16.90mm, Shape = elongated (vertical), Location = middle left

Doctor's Signature

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