

Patient Details

Name: Piyush Deshmukh
Age: 20 Gender: Male

Treatment Recommendations:

- Management of Hypertension:** Control blood pressure to reduce risks associated with anesthesia and surgery.
- Radiation Therapy:** Considered if surgery is not possible or as an adjunct to surgery to target remaining tumor cells.
- Surgical Resection:** Recommended for removal of the meningioma if accessible and the patient's condition allows.

Possible Causes:

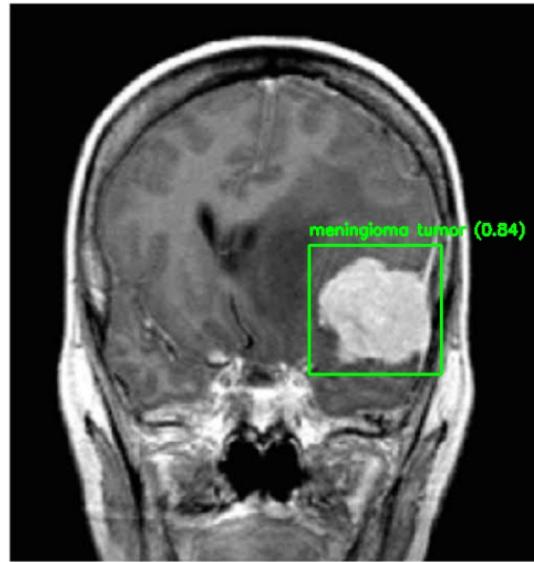
- Environmental Exposures:** Potential exposure to radiation or other environmental factors may contribute to tumor development.
- Genetic Factors:** Certain genetic predispositions may increase the risk of developing meningiomas.
- Hormonal Influences:** Hormonal changes, particularly during reproductive years, could play a role in meningioma growth.

Recommended Blood Tests:

- Complete Blood Count (CBC):** To evaluate overall health and detect any potential anemia or infection.
- Electrolytes Panel:** To assess kidney function and electrolyte balance, particularly in the context of hypertension.
- Thyroid Function Tests:** To rule out thyroid disorders that could contribute to hypertension.

Prescriptions:

- Anti-inflammatory Medication:** To reduce inflammation and manage pain associated with the condition.
- Anticonvulsants:** To prevent seizures that may occur due to the meningioma.
- Antihypertensive Medication:** To manage and control high blood pressure effectively.



Detected Features:

tumor 1: Area = 2.51 mm², Size = 33.26mm x 32.47mm, Shape = elongated (horizontal), Location = middle right

Doctor's Signature

Report

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