

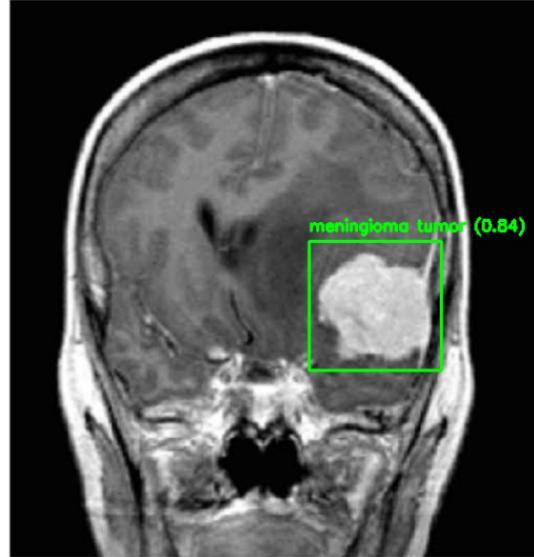
Patient Details

Name: Vaishali Chhangani

Age: 45 Gender: Female

Treatment Recommendations:

- Antihypertensive Therapy:** Optimize blood pressure management to reduce risks associated with hypertension.
- Medication for Migraine:** Prescribe abortive and preventive medications to manage migraine symptoms.
- Radiation Therapy:** Evaluate the need for radiation therapy if the tumor is not amenable to surgery.
- Surgical Intervention:** Consider resection of the meningioma if it is causing significant symptoms.



Possible Causes:

- Environmental Factors:** Exposure to radiation or certain chemicals may be linked to the development of brain tumors.
- Genetic Factors:** Certain genetic predispositions may increase the risk of meningioma development.
- Hormonal Influences:** Hormonal changes, particularly in women, may contribute to the growth of meningiomas.

Detected Features:

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

Recommended Blood Tests:

- Complete Blood Count (CBC):** To evaluate overall health and detect any underlying conditions.
- Electrolytes Panel:** To assess kidney function and electrolyte balance, especially in hypertensive patients.
- Lipid Profile:** To evaluate cholesterol levels, which may influence cardiovascular risk.
- Thyroid Function Tests:** To rule out thyroid dysfunction that may contribute to headaches.

Prescriptions:

- Amlodipine:** To help control high blood pressure.
- Gabapentin:** To manage neuropathic pain associated with migraines.
- Sumatriptan:** To provide relief for acute migraine attacks.
- Topiramate:** To prevent migraine occurrences.

Doctor's Signature

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