

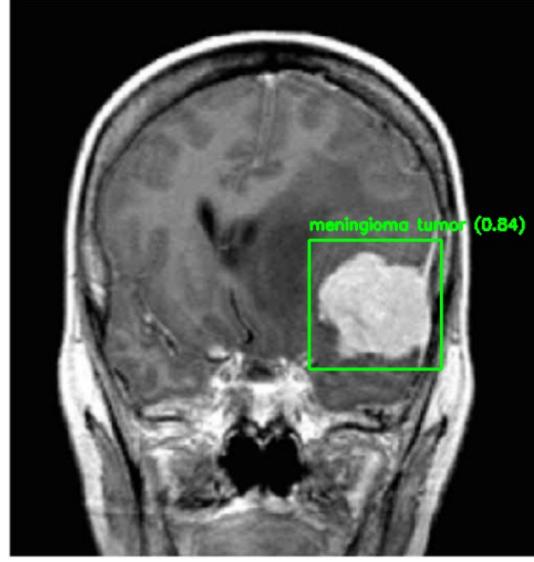
## Patient Details

Name: Vaishali Chhangani

Age: 45      Gender: Female

## Treatment Recommendations:

- Antihypertensive Therapy:** Manage hypertension with appropriate antihypertensive medications to reduce cardiovascular risks.
- Medication for Migraine:** Prescribe medications such as triptans or preventive agents to manage migraine symptoms.
- Radiation Therapy:** Evaluate the need for radiation therapy if surgical options are not viable.
- Surgical Intervention:** Consider surgery to remove the meningiomas if they are symptomatic or growing.



## Possible Causes:

- Chronic Stress:** Long-term stress may exacerbate hypertension and migraine conditions.
- Environmental Factors:** Possible exposure to radiation or other environmental carcinogens.
- Genetic Factors:** Potential hereditary predisposition to meningiomas.
- Hormonal Influences:** Changes in hormone levels may contribute to tumor development.

## Detected Features:

**tumor 1:** Area = 2.51 mm<sup>2</sup>, Size = 33.26mm x 32.47mm, Shape = elongated (horizontal), Location = middle right

## Recommended Blood Tests:

- Complete Blood Count (CBC):** Evaluate overall health and detect a variety of disorders.
- Electrolytes Panel:** Check for imbalances that could affect blood pressure and overall health.
- Liver Function Tests:** Assess liver health, especially if medications are used.
- Thyroid Function Tests:** Evaluate thyroid function, which can influence metabolic rate and blood pressure.

## Prescriptions:

- Amlodipine:** Prescribed for managing hypertension.
- Gabapentin:** May help with neuropathic pain associated with migraine.
- Sumatriptan:** Used to treat acute migraine attacks.
- Topiramate:** Considered for migraine prevention.

Doctor's Signature

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