

## Patient Details

Name: Vaishali Chhangani

Age: 45      Gender: Female

## Treatment Recommendations:

- Cognitive Support:** Implement cognitive therapies and support for dementia management, focusing on maintaining functionality.
- Radiation Therapy:** Evaluate the potential for stereotactic radiosurgery or external beam radiation therapy to target the meningiomas.
- Surgical Intervention:** Consider surgical resection of the meningioma if feasible, given the patient's age and multiple lesions.
- Symptom Management:** Provide symptomatic treatment for dementia-related symptoms, including behavioral therapy.

## Possible Causes:

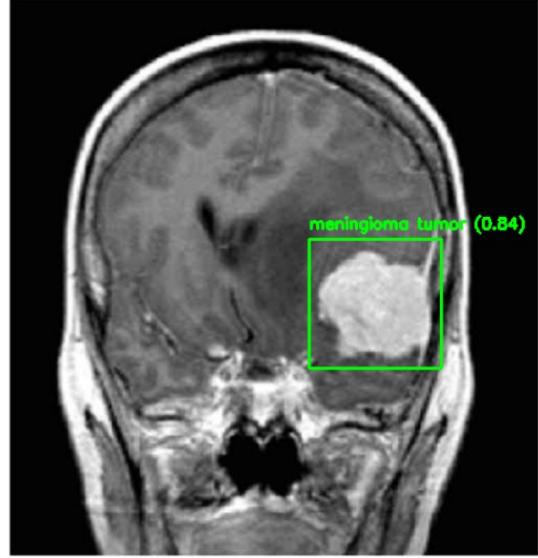
- Age-Related Changes:** Increased prevalence of meningiomas and cognitive decline with advancing age.
- Environmental Exposures:** Potential links to environmental toxins or previous radiation exposure contributing to tumor development.
- Genetic Factors:** Possible hereditary predisposition to brain tumors and neurodegenerative diseases.

## Recommended Blood Tests:

- Complete Blood Count (CBC):** To assess overall health and detect potential anemia or infection.
- Thyroid Function Tests:** To rule out thyroid dysfunction as a contributing factor to cognitive decline.
- Vitamin B12 Levels:** To check for deficiencies that can lead to neurological symptoms.

## Prescriptions:

- Antidepressants:** Consider for managing depressive symptoms associated with dementia.
- Donepezil:** Used for symptomatic treatment of dementia to improve cognitive function.
- Memantine:** May help manage moderate to severe dementia symptoms.



## Detected Features:

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

Doctor's Signature

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