

## Patient Details

Name: Palak Rajani

Age: 29      Gender: Female

## Treatment Recommendations:

- Ablation Therapy:** Minimally invasive procedures like radiofrequency or microwave ablation to destroy tumor cells.
- Chemotherapy:** Systemic treatment to target cancer cells, especially if the tumor is not resectable.
- Immunotherapy:** Utilizing the body's immune system to fight the liver tumor, particularly relevant given the autoimmune history.
- Surgical Resection:** Removal of the liver tumor if feasible, especially considering its size and location.

## Possible Causes:

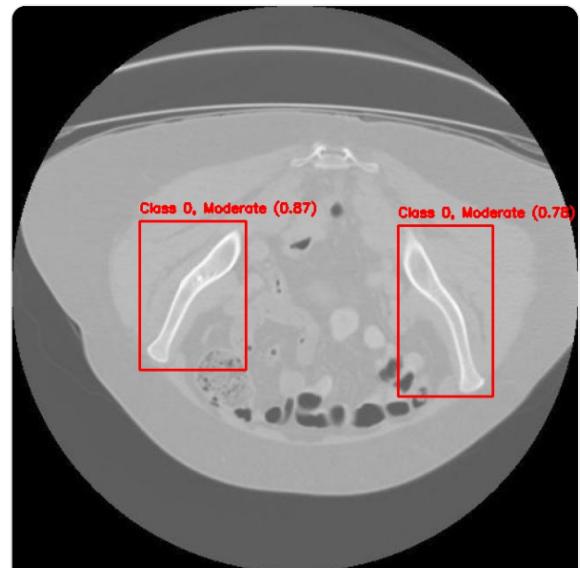
- Autoimmune Disease:** The presence of autoimmune conditions could contribute to liver damage and tumor development.
- Chronic Liver Disease:** Underlying chronic liver conditions may have led to the development of the tumor.
- Genetic Factors:** Family history of liver disease may indicate a genetic predisposition to liver tumors.

## Recommended Blood Tests:

- Alpha-Fetoprotein (AFP):** A tumor marker often elevated in liver cancer cases.
- Complete Blood Count (CBC):** To evaluate overall health and detect any underlying conditions.
- Liver Function Tests:** To assess the overall health of the liver and detect any dysfunction.

## Prescriptions:

- Anticancer Agents:** Medications used to treat the liver tumor, depending on the specific type and stage.
- Immunosuppressants:** To manage autoimmune disease and prevent further liver damage.
- Pain Management Medications:** To alleviate any pain associated with the liver tumor.



## Detected Features:

**tumor 1:** Area = 1411.29, Size = 31.75mm x 44.45mm, Shape = elongated (vertical), Location = Lower Left lobe

**tumor 2:** Area = 1445.66, Size = 28.31mm x 51.06mm, Shape = elongated (vertical), Location = Lower Right lobe

Doctor's Signature

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