

Patient Details

Name: Rahul Dewani
Age: 34 Gender: Male

Treatment Recommendations:

- Antiviral Treatment:** Administer antiviral medications for Hepatitis B management.
- Liver Transplant:** Evaluate eligibility for liver transplantation due to severe liver disease.
- Manage Hypertension:** Implement strategies to control hypertension, possibly through lifestyle changes and medications.
- Surgical Resection:** Consider surgical removal of the liver tumor if operable.
- Targeted Therapy:** Explore targeted therapies that may be effective for liver tumors.

Possible Causes:

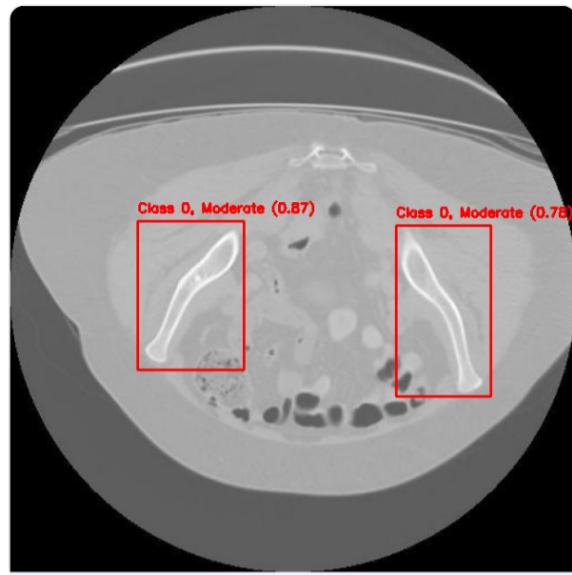
- Alcohol Consumption:** Excessive alcohol use can exacerbate liver problems.
- Chronic Hepatitis B Infection:** Long-standing infection can lead to liver damage and tumors.
- Exposure to Aflatoxins:** Certain environmental toxins can lead to liver cancer development.
- Hypertension Complications:** High blood pressure may contribute to liver health deterioration.
- Obesity:** Being overweight can increase the risk of liver disease and tumors.

Recommended Blood Tests:

- Alpha-fetoprotein (AFP):** Measure levels of AFP to evaluate for liver tumors.
- Complete Blood Count (CBC):** Check for signs of infection or other blood-related issues.
- Hepatitis B Viral Load:** Determine the amount of virus present in the blood.
- Kidney Function Tests:** Evaluate renal function, especially important in patients with hypertension.
- Liver Function Tests:** Assess the overall health and function of the liver.

Prescriptions:

- Lisinopril:** Medication to help control hypertension.
- N-acetylcysteine:** Antioxidant that may help protect liver function.
- Simvastatin:** Cholesterol-lowering medication to support liver health.
- Sofosbuvir:** Antiviral treatment option for Hepatitis B.
- Tenofovir:** Antiviral medication for managing Hepatitis B.



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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