

Patient Details

Name: RAARERHA VAJHJ

Age: 21 Gender: Male

Treatment Recommendations:

- 0: Surgical Resection: Removal of the liver tumor, if feasible.
- 1: Liver Transplant: Consideration given the severity and extent of the tumor and overall liver function.
- 2: Ablation Therapy: Destroying tumor cells using heat or other energy sources.
- 3: Chemotherapy: Systemic treatment to kill cancer cells.
- 4: Radiation Therapy: Using high-energy rays to damage cancer cells.

Possible Causes:

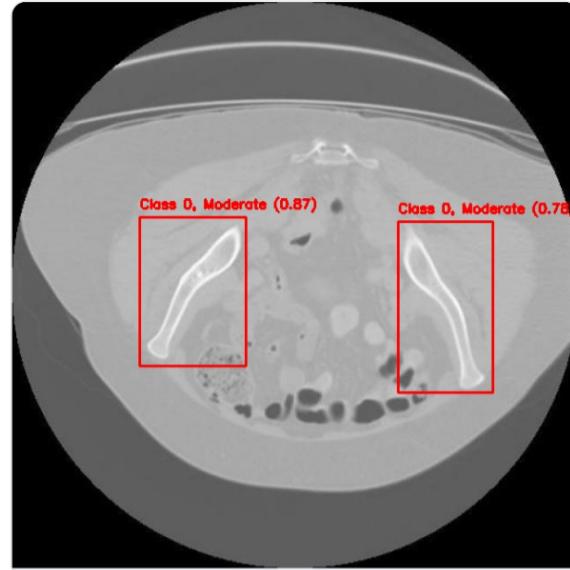
- 0: Hepatitis B Infection: Chronic Hepatitis B infection is a known risk factor for liver cancer.
- 1: Family History of Liver Disease: Genetic predisposition to liver disease may increase risk.
- 2: Environmental Factors: Exposure to toxins or certain chemicals may contribute.
- 3: Alcohol Abuse: Chronic alcohol consumption is a risk factor for liver cirrhosis, which can lead to liver cancer.
- 4: Non-Alcoholic Fatty Liver Disease (NAFLD): Accumulation of fat in the liver, potentially leading to inflammation and cancer.

Recommended Blood Tests:

- 0: Liver Function Tests (LFTs): Assess liver health and function (e.g., ALT, AST, bilirubin, albumin).
- 1: Alpha-Fetoprotein (AFP): Tumor marker often elevated in liver cancer.
- 2: Hepatitis B Serology: Confirm or monitor Hepatitis B infection status.
- 3: Complete Blood Count (CBC): Evaluate overall blood health.
- 4: Coagulation Studies: Assess blood clotting ability before potential procedures.
- 5: Renal Function Tests: Evaluate kidney function to ensure medications are safe.

Prescriptions:

- 0: Antiviral Medications (e.g., Entecavir, Tenofovir): To manage Hepatitis B infection.
- 1: Pain Management Medications (e.g., Analgesics): To alleviate pain associated with the tumor.
- 2: Anti-Nausea Medications (e.g., Ondansetron): To manage nausea from chemotherapy or other treatments.
- 3: Lactulose: To manage hepatic encephalopathy, if present.
- 4: Diuretics (e.g., Spironolactone, Furosemide): To manage ascites, if present.



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

Report

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