

Patient Details

Name: adgjha awefna

Age: 23 Gender: Male

Treatment Recommendations:

- **0:** Surgical Resection: Removal of the liver tumor, if feasible.
- **1:** Liver Transplant: Considered if the tumor is extensive or liver function is severely compromised.
- **2:** Chemotherapy: Systemic treatment to target cancer cells.
- **3:** Radiation Therapy: Localized treatment to destroy cancer cells.
- **4:** Targeted Therapy: Medications that target specific molecules involved in cancer growth.
- **5:** Ablation Therapy: Use of heat or other energy to destroy tumor cells.

Possible Causes:

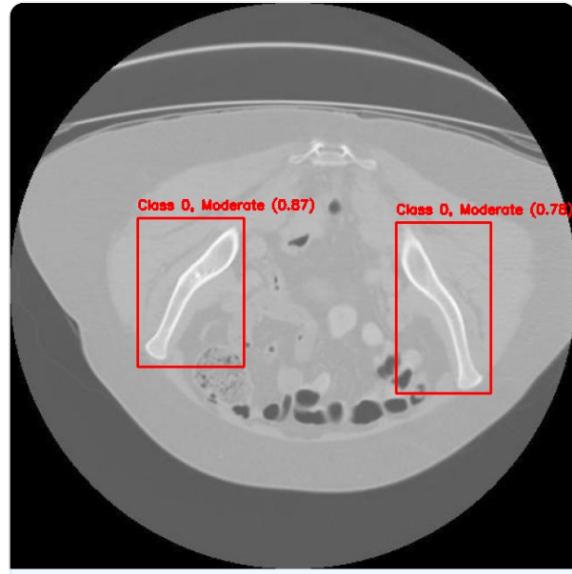
- **0:** Hepatitis B Infection: Chronic HBV infection is a major risk factor for liver cancer.
- **1:** Family History of Liver Disease: Genetic predisposition may increase risk.
- **2:** Environmental Factors: Exposure to toxins or carcinogens.
- **3:** Alcohol Abuse: Chronic alcohol consumption can damage the liver.
- **4:** Non-Alcoholic Fatty Liver Disease (NAFLD): Accumulation of fat in the liver can lead to inflammation and cancer.

Recommended Blood Tests:

- **0:** Liver Function Tests (LFTs): Assess liver enzyme levels (ALT, AST, ALP, GGT) to evaluate liver damage.
- **1:** Alpha-Fetoprotein (AFP): Tumor marker often elevated in liver cancer.
- **2:** Hepatitis B Serology: Detect HBV infection and assess viral load.
- **3:** Complete Blood Count (CBC): Assess overall blood health and detect any abnormalities.
- **4:** Coagulation Studies: Evaluate blood clotting ability.
- **5:** Comprehensive Metabolic Panel (CMP): Provides a broad overview of liver and kidney function, electrolytes, and glucose levels.

Prescriptions:

- **0:** Antiviral Medications (e.g., Entecavir, Tenofovir): To manage Hepatitis B infection.
- **1:** Pain Management Medications: To alleviate pain associated with the tumor.
- **2:** Anti-Nausea Medications: To manage nausea and vomiting from chemotherapy or other treatments.
- **3:** Growth Factors: To stimulate blood cell production during treatment.
- **4:** Targeted Therapy Drugs (e.g., Sorafenib, Lenvatinib): To inhibit tumor growth.
- **5:** Chemotherapy Agents (e.g., Doxorubicin, Cisplatin): To kill cancer cells.



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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