Sanjeevani Ai

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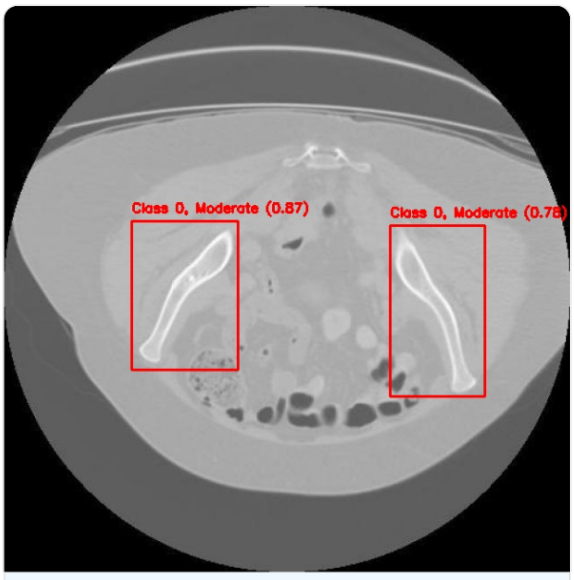
Moderate

Patient Details

Name: aefaaera fawe
Age: 23 **Gender: Male**



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

Treatment Recommendations:

- **Surgical Resection:** Removal of the liver tumor, if feasible based on location and size.
- **Liver Transplant:** Considered if tumor is unresectable or liver function is severely compromised.
- **Ablation Therapy:** Techniques like radiofrequency ablation or microwave ablation to destroy tumor cells.
- **Chemotherapy:** Systemic treatment to target cancer cells throughout the body.
- **Targeted Therapy:** Drugs that specifically target cancer cells based on their genetic makeup.
- **Immunotherapy:** Treatment to boost the body's immune system to fight cancer cells.

Possible Causes:

- **Hepatitis B Infection:** Chronic Hepatitis B infection is a known risk factor for liver cancer.
- **Family History of Liver Disease:** Genetic predisposition may increase the risk.
- **Genetic Mutations:** Genetic alterations can contribute to tumor development.
- **Environmental Factors:** Exposure to certain toxins or chemicals.

Recommended Blood Tests:

- **Liver Function Tests (LFTs):** Assess liver health and function (e.g., ALT, AST, bilirubin, albumin).
- **Alpha-Fetoprotein (AFP):** Tumor marker often elevated in liver cancer.
- **Hepatitis B Viral Load:** Monitor Hepatitis B viral activity.
- **Complete Blood Count (CBC):** Evaluate overall blood health and detect any abnormalities.
- **Coagulation Studies:** Assess the liver's ability to produce clotting factors.
- **Comprehensive Metabolic Panel (CMP):** Provides a broad overview of organ function and electrolyte balance.

Prescriptions:

- **Antiviral Medications (e.g., Entecavir, Tenofovir):** To manage Hepatitis B infection.
- **Pain Management Medications:** To alleviate pain associated with the tumor.
- **Anti-Nausea Medications:** To manage nausea caused by treatments like chemotherapy.
- **Supportive Medications:** To address side effects of treatment and maintain overall health.

Doctor's Signature

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