

Patient Details

Name: Alice Brown

Age: 28 Gender: Female

Treatment Recommendations:

- Ablation Therapy:** Use of heat or cold to destroy tumor cells, especially if surgery is not an option.
- Chemotherapy:** Systemic treatment to target cancer cells, often used in conjunction with other therapies.
- Lifestyle Modifications:** Management of diabetes and liver health through diet and exercise.
- Surgical Resection:** Consideration for surgery to remove the liver tumor if operable.
- Targeted Therapy:** Medications that specifically target cancer cell growth mechanisms.

Possible Causes:

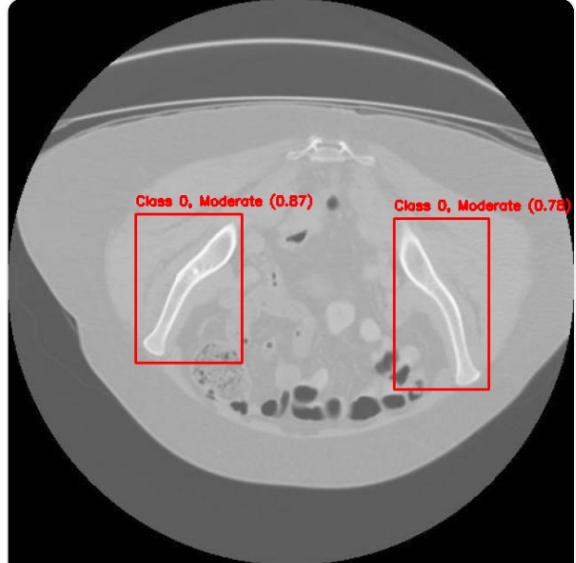
- Chronic Alcohol Consumption:** Long-term alcohol use can lead to liver damage and increase tumor risk.
- Genetic Predisposition:** Familial history of liver disease may increase risk of tumors.
- Hepatitis Infection:** Viral infections like Hepatitis B or C can contribute to liver tumor development.
- Non-Alcoholic Fatty Liver Disease:** Conditions leading to liver fat accumulation can promote tumor formation.

Recommended Blood Tests:

- Alpha-Fetoprotein (AFP):** A marker that can indicate liver cancer presence when elevated.
- Complete Blood Count (CBC):** Evaluate overall health and detect a variety of disorders.
- Glucose Levels:** Monitoring diabetes management and related complications.
- Liver Function Tests:** Assess the overall health of the liver and its ability to function.

Prescriptions:

- Antiviral Medications:** If hepatitis is present, antiviral treatment may be necessary.
- Liver Protectants:** Medications to support liver function and health.
- Metformin:** Used for managing diabetes and improving insulin sensitivity.



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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