

Patient Details:

- **Patient Name:** Mrs. Sumathi B
 - **Patient ID:** 0100062370
 - **Joining Date (Reg. Date & Time):** 22/04/2024, 08:30 AM
 - **Age/Sex:** 66 Yrs / Female
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Test Report:

Ultrasound Whole Abdomen:

- **Technique:** Real-time B-mode ultrasound performed using a curvilinear transducer.
- **Findings:**
 - **Liver:** Normal in size (14.6 cm) with diffuse increase in echotexture. No visible lesions. Intrahepatic biliary radicles, portal vein, and hepatic veins appear normal.
 - **Gall Bladder:** Well distended with normal contour and wall thickness. No visible calculi. Common bile duct appears normal.
 - **Pancreas:** Normal size and echotexture. No duct ectasia or calculi.
 - **Spleen:** Normal in size and echotexture. Splenic vein appears normal.
 - **Kidneys:**
 - **Right Kidney:** 10.8 x 4.6 cm, normal in size. Normal cortical echoes and corticomedullary differentiation. Pelvicalyceal system not dilated. No calculi.

- **Left Kidney:** 10.1 x 5.2 cm, normal in size. Normal cortical echoes and corticomedullary differentiation. Pelvicalyceal system not dilated. No calculi.
- **Urinary Bladder:** Well distended with normal wall thickness. No visible echogenic foci.
- **Uterus:** Not visualized (history of surgery).
- **Ovaries:** Both ovaries are atrophied.
- **Impression:** Fatty Liver - Grade I.

Chest X-Ray:

- **Findings:** Trachea normal. Cardiothoracic ratio within normal limits. Bilateral lung fields normal. Costo and cardiophrenic angles normal. Thoracic cage and extrathoracic soft tissues normal.
- **Impression:** No abnormality detected.

Echocardiogram:

- **Findings:**
 - S/P PTCA (Percutaneous Transluminal Coronary Angioplasty)
 - No regional wall motion abnormalities of the left ventricle.
 - **Ejection Fraction (EF):** 67%
 - Normal LVSF (Left Ventricular Systolic Function).
 - Grade I LV Diastolic Dysfunction.
 - Mitral annular calcification.
 - Mild MR (Mitral Regurgitation).
 - Normal valves.

- Trivial TR (Tricuspid Regurgitation).
 - No PHT (Pulmonary Hypertension).
 - No RV (Right Ventricular) Dysfunction.
 - No pericardial effusion.
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Medical History:

- **Summary:**
 - **Past Illnesses:** Diabetes Mellitus, Hypertension.
 - **Chronic Conditions:** Diabetes Mellitus, Hypertension.
 - **Surgeries or Significant Events:** History of uterine surgery.
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Symptoms and Diagnosis:

- **Symptoms:**
 - Abdominal discomfort, bloating, history of coronary artery disease.
 - **Diagnosis:**
 - Fatty Liver - Grade I.
 - Mild LV Diastolic Dysfunction.
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Treatment and Recommendations:

- **Treatment:**
 - Medications administered: Antihypertensives, Oral Hypoglycemics.
 - S/P PTCA (Post Percutaneous Transluminal Coronary Angioplasty).

- **Recommendations:**

- Regular monitoring of liver function and blood sugar levels.
 - Follow-up ultrasound in 6 months.
 - Lifestyle adjustments: Low-fat diet, regular exercise, and strict blood sugar control.
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Lab Reports:

- **Summary:**

- Hemoglobin: 13.5 g/dL (Normal)
- Fasting Blood Sugar: 231 mg/dL (High)
- Postprandial Blood Sugar: 298 mg/dL (High)
- Total Cholesterol: 191 mg/dL (Borderline High)
- Triglycerides: 176 mg/dL (Borderline High)
- Creatinine: 0.88 mg/dL (Normal)

- **Current Status:**

- **Status:** Patient's condition is stable. Mild fatty liver and grade I diastolic dysfunction noted. Blood sugar levels are elevated. No acute findings in the ultrasound or echocardiogram.
- **Progress/Ongoing Issues:** Continued management of diabetes and hypertension is essential. Fatty liver requires dietary management and regular monitoring.