

# Medical Insight Report

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## Patient Summary

Ms. Joycee Mittal, a 56-year-old female, presented for a health check-up. She has a history of asthma and has been taking medication for it. Her family medical history is reported as 'All Good'. The provided lab results show a liver and kidney panel, with some values outside the reference range.

## Timeline

**Date:** 11/2/2025

**Event:** Blood sample collected for SwasthFit Super 1 Liver & Kidney Panel

**Finding:** Results show Creatinine (0.49 mg/dL), Urea (24.20 mg/dL), Urea Nitrogen (11.30 mg/dL), BUN/Creatinine Ratio (23), Uric Acid (5.97 mg/dL), and AST (25.0). GFR estimated at >59 mL/min/1.73m<sup>2</sup> (G1 category). Some values are outside the reference range.

## Previous Medications

- Asthma medication

## Current Health Status

Ms. Mittal is a 56-year-old female with a history of asthma. Lab results indicate some abnormalities in liver and kidney function tests, specifically elevated Urea, Urea Nitrogen, BUN/Creatinine ratio, and Uric Acid levels. Creatinine is within the reference range, and GFR is above the threshold for kidney disease. Further investigation and clinical correlation are needed to determine the significance of these findings.

## Family History

All Good (reported)

## Test Results

### Blood Test:

**Creatinine:** 0.49 mg/dL (0.51 - 0.95 mg/dL)

**Gfr (Estimated):** >59 mL/min/1.73m<sup>2</sup>

**Gfr Category:** G1

**Urea:** 24.20 mg/dL (17.00 - 43.00 mg/dL)

**Urea Nitrogen:** 11.30 mg/dL (6.00 - 20.00 mg/dL)

**Bun/Creatinine Ratio:** 23

**Uric Acid:** 5.97 mg/dL (2.60 - 6.00 mg/dL)

**Ast (Sgot):** 25.0

## Recommendations

- Clinical correlation of lab results with patient's symptoms and medical history is crucial.
- Further investigation may be warranted to determine the cause of elevated Urea, Urea Nitrogen, BUN/Creatinine ratio, and Uric Acid levels. This could include additional blood tests or imaging studies.
- Review of current asthma medication and management is recommended.
- Consider lifestyle modifications such as diet and exercise to manage potential risk factors.
- A follow-up appointment should be scheduled to discuss the results and plan further management.