

**Synthetic Medical Report: Jane Smith – Year: 2024**

Patient ID: JS-1024

Date of Birth: April 12, 1979

Prepared by: Dr. Emily Chan, Endocrinologist

**Patient Overview**

Diagnoses:

- Type 2 Diabetes Mellitus
- Hypothyroidism

Medications:

- Metformin 500 mg BID
- Levothyroxine 88 mcg/day
- Vitamin B12 supplement

Lifestyle:

- Remote desk-based occupation
- Reports walking after meals (~15 minutes, 5 days/week)
- Non-smoker, no alcohol

Family History:

- Father: Coronary artery disease
- Mother: Hypothyroidism

**Encounter Note – July 3, 2024**

Chief Complaint:

- General follow-up; reports improved energy, stable weight
- Occasional fasting glucose above 120 mg/dL

Objective Findings:

- Blood Pressure: 120/76 mmHg
- Heart Rate: 74 bpm
- Weight: 73.8 kg
- Thyroid: No goiter or nodules
- Reflexes: Normal
- Skin: No dryness, warm to touch

**Diagnostic Results – June 28, 2024**

Test	Result	Reference Range
HbA1c	6.9%	< 5.7% (normal)
TSH	3.1 µIU/mL	0.4 – 4.0 µIU/mL
Free T4	1.1 ng/dL	0.9 – 1.7 ng/dL
Fasting Glucose	118 mg/dL	70 – 99 mg/dL
Creatinine	0.8 mg/dL	0.6 – 1.2 mg/dL