**Patient Medical Report**

**Patient Information:**

* **Name:** Remo
* **Age:** 30
* **Gender:** male
* **Date of Birth:** 1972-01-20
* **Patient ID:** 789012
* **Date of Report:** 2025-03-05
* **Physician:** Dr. Michael Thompson, Cardiologist

**1. Blood Test Results:**

| **Test** | **Result** | **Normal Range** |
| --- | --- | --- |
| **Hemoglobin A1c** | 7.2% | < 5.7% (normal), 5.7-6.4% (prediabetes), ≥ 6.5% (diabetes) |
| **Fasting Blood Glucose** | 140 mg/dL | 70 - 99 mg/dL |
| **Hemoglobin** (CBC) | 12.5 g/dL | 12.1 - 15.1 g/dL |
| **White Blood Cells** (CBC) | 6,500/µL | 4,000 - 11,000/µL |
| **Platelets** (CBC) | 230,000/µL | 150,000 - 450,000/µL |
| **Total Cholesterol** | 190 mg/dL | < 200 mg/dL |
| **LDL** (Low-Density Lipoprotein) | 110 mg/dL | < 100 mg/dL |
| **HDL** (High-Density Lipoprotein) | 42 mg/dL | > 40 mg/dL |
| **Triglycerides** | 160 mg/dL | < 150 mg/dL |

**Interpretation:** Blood results indicate type 2 diabetes and mild hypertriglyceridemia.

**2. Electrocardiogram (ECG) Report:**

* **Heart Rate:** 72 bpm
* **Rhythm:** Sinus rhythm
* **PR Interval:** 150 ms (normal)
* **QRS Duration:** 90 ms (normal)
* **QT Interval:** 410 ms (normal)
* **ST-T Changes:** Normal

**Conclusion:** Normal sinus rhythm with no acute abnormalities.

**3. Abdominal Ultrasound Report:**

* **Liver Size:** Normal
* **Gallbladder:** No stones or abnormalities
* **Pancreas:** Unremarkable
* **Kidneys:** Normal size and echotexture

**Conclusion:** No significant findings.

**4. Additional Tests:**

| **Test** | **Result** | **Normal Range** |
| --- | --- | --- |
| **Vitamin D** | 18 ng/mL | 30 - 100 ng/mL |
| **Calcium** | 9.3 mg/dL | 8.5 - 10.2 mg/dL |
| **Liver Function (ALT)** | 45 U/L | < 40 U/L |
| **Kidney Function Tests** | Normal | - |

**5. Doctor’s Recommendations:**

* **Diagnosis:** Type 2 diabetes with mild hypertriglyceridemia and vitamin D deficiency.
* **Treatment:**
  + Metformin 500 mg twice daily
  + Vitamin D supplementation (2000 IU/day)
  + Dietary changes (low sugar, high-fiber diet)
  + Regular exercise (at least 30 minutes, 5 days/week)
  + Lipid panel and HbA1c recheck in 3 months

**6. Follow-Up Appointments:**

* **Endocrinology:** 3 months
* **Nutritionist:** 1 month
* **Primary Care:** 6 months

**Physician Signature:**  
Dr. Michael Thompson, MD  
Cardiologist