

**Synthetic Medical Report: John Davis – Year: 2025**

Patient ID: JD-3940

Date of Birth: March 3, 1957

Prepared by: Dr. Anita Rao, Internal Medicine

**Patient Overview**

Diagnoses:

- Chronic Obstructive Pulmonary Disease (COPD)
- Hypertension
- Former smoker (40 pack-years, quit 2018)

Medications:

- Tiotropium bromide (18 mcg inhalation) once daily
- Salbutamol inhaler PRN
- Amlodipine 5 mg/day

Lifestyle:

- Lives with spouse
- Uses supplemental oxygen during physical exertion
- Denies tobacco or alcohol use

**Encounter Note – February 5, 2025**

Chief Complaint:

- Reports two episodes of increased shortness of breath requiring salbutamol use
- Mild fatigue noted over previous 2 weeks

Objective Findings:

- Blood Pressure: 138/86 mmHg
- Heart Rate: 80 bpm
- Respiratory Rate: 20 breaths/min
- SpO<sub>2</sub>: 92% on room air
- Chest: Diffuse expiratory wheeze; no rales
- No peripheral edema

**Diagnostic Results – January 2025**

Test	Result	Reference Range
Hemoglobin	14.0 g/dL	13.5 – 17.5 g/dL
WBC Count	8.1 x10 <sup>9</sup> /L	4.0 – 11.0 x10 <sup>9</sup> /L
Serum Creatinine	1.1 mg/dL	0.6 – 1.3 mg/dL
BNP	102 pg/mL	< 100 pg/mL
Spirometry – FEV1	54%	≥ 80%
Spirometry – FEV1/FVC	0.60	> 0.70
Chest CT (low-dose)	Emphysematous changes in upper lobes; no new nodules	

