

**Synthetic Medical Report: John Davis – Year: 2023**

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
- Limited physical activity due to exertional dyspnea
- No current tobacco or alcohol use

**Encounter Note – February 14, 2023**

Chief Complaint:

- Progressive shortness of breath
- Nocturnal wheezing increasing over past 3 months

Objective Findings:

- Blood Pressure: 136/84 mmHg
- Heart Rate: 78 bpm
- Oxygen Saturation: 93% on room air
- Chest: Bilateral expiratory wheezing, no crackles
- No peripheral edema

**Diagnostic Results – January 2023**

Test	Result	Reference Range
Hemoglobin	14.2 g/dL	13.5 – 17.5 g/dL
WBC Count	6.9 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	98 pg/mL	< 100 pg/mL
Spirometry – FEV1	55%	≥ 80%
Spirometry – FEV1/FVC	0.61	> 0.70