

## Patient Medical Report

Date: October 25, 2023

Patient Name: Khaled Ali

Patient ID: 123456789

Physician: Dr. Sarah Johnson

### 1. Chief Complaint

The patient, Khaled Ali, presented to the hospital on October 25, 2023, with complaints of high fever, chills, persistent cough, shortness of breath, and chest pain that had progressively worsened over the past 5 days.

### 2. Medical History

The patient has a history of hypertension, diabetes mellitus, and seasonal allergies. No known drug allergies were reported. No previous episodes of similar symptoms.

### 3. Physical Examination

Temperature: 39.2°C (102.5°F)

Heart Rate: 110 bpm

Blood Pressure: 140/90 mmHg

Respiratory Rate: 24 breaths per minute

Oxygen Saturation: 92% on room air

General Appearance: The patient appeared visibly fatigued, with difficulty speaking due to shortness of breath. Auscultation revealed crackles in both lungs, suggesting pulmonary involvement.

### 4. Diagnostic Tests Ordered

Complete Blood Count (CBC): Elevated white blood cell count (indicative of infection)

Chest X-Ray: Findings suggestive of pneumonia

COVID-19/Influenza Test: Negative for COVID-19, positive for Influenza A

Blood Culture & Sputum Analysis: Gram-positive cocci identified, likely *Streptococcus pneumoniae*

### 5. Provisional Diagnosis

Based on clinical presentation and preliminary tests, the patient is suspected to have Acute Bacterial Pneumonia. Other possible differential diagnoses include COVID-19, bronchitis, or viral pneumonia.

### 6. Treatment Plan

Oxygen Therapy: Initiated to maintain oxygen saturation above 94%

Intravenous (IV) Antibiotics: Ceftriaxone 1g IV every 12 hours

Antipyretics: Paracetamol 500mg as needed for fever

IV Fluids: Normal saline for hydration

Nebulization Therapy: Salbutamol as needed for breathing difficulty

#### 7. Monitoring & Follow-Up

Patient to be monitored for respiratory distress and worsening symptoms

Repeat chest X-ray and blood tests in 24-48 hours

If condition deteriorates, consider ICU admission for ventilatory support

Follow-up appointment scheduled in 7 days

#### 8. Physician's Notes & Recommendations

The patient is advised to rest, continue prescribed medications, and avoid exposure to extreme temperatures. If symptoms worsen, immediate medical attention is required.

Physician's Signature:

Dr. Sarah Johnson

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