

# Medical Report and Prescription

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## Patient Information:

- **Name:** John Doe, a 45-year-old male patient.
- **Age:** 45
- **Gender:** Male
- **Date of Visit:** July 1, 2024, for a consultation and examination due to persistent health issues.

## Chief Complaint:

- The patient reported a persistent cough and chest pain that had been ongoing for several weeks, prompting the need for a thorough medical evaluation to determine the cause and appropriate treatment.

## Medical History:

- **Hypertension:** The patient has a history of high blood pressure, which is being managed with medication.
- **Type 2 Diabetes:** The patient has been diagnosed with Type 2 Diabetes, requiring regular monitoring and medication to control blood sugar levels.

## Examination Findings:

- **Blood Pressure:** Recorded at 140/90 mmHg, indicating the need for continued monitoring and possibly adjusting hypertension management.
- **Heart Rate:** 78 beats per minute, which is within the normal range, suggesting no immediate cardiac issues.
- **Respiratory Rate:** 18 breaths per minute, indicating normal breathing patterns.
- **Temperature:** 98.6°F, which is within the normal range, suggesting no fever or acute infection.

## Diagnostic Tests:

- **Chest X-ray:**
  - **Findings:** The X-ray revealed mild consolidation in the right lower lobe of the lungs, which is suggestive of pneumonia. There was no evidence of pleural effusion or pneumothorax, indicating that the infection is localized and there are no complications such as fluid accumulation or collapsed lung.
  - **Impression:** The overall impression from the X-ray is that the patient has right lower lobe pneumonia, which requires antibiotic treatment and follow-up.

### Prescription:

- **Medications:**
  - **Antibiotics:** Amoxicillin 500mg, taken orally three times a day for 10 days, to treat the bacterial infection in the lungs.
  - **Cough Suppressant:** Dextromethorphan 10mg, taken orally every 6 hours as needed, to manage the persistent cough and provide symptomatic relief.
  - **Pain Relief:** Ibuprofen 200mg, taken orally every 6 hours as needed, to alleviate chest pain and reduce inflammation.

### Follow-Up:

- The patient is scheduled for a return visit on July 15, 2024, to assess the response to treatment and ensure that the pneumonia is resolving.
- A repeat chest X-ray is recommended to evaluate the improvement in lung consolidation and confirm the effectiveness of the treatment.

### Doctor's Notes:

- The patient is advised to stay hydrated and get plenty of rest to support recovery.
- Due to the patient's diabetes, it is important to monitor blood sugar levels regularly, as infections and certain medications can affect glucose control.
- The patient should report any worsening symptoms or side effects from medications immediately to adjust treatment if necessary.

### Contact Information:

- **Doctor's Name:** Dr. Jane Smith, the attending physician.
- **Clinic:** Wellness Clinic, where the patient receives ongoing medical care.
- **Phone:** For appointments and inquiries, call 1-800-987-6543.
- **Email:** For non-urgent questions and follow-ups, email [dr.smith@wellnessclinic.com](mailto:dr.smith@wellnessclinic.com).
- **Address:** 456 Health Avenue, Wellness City, USA, the location of the Wellness Clinic for in-person visits and correspondence.