

# MEDICAL FORM

## TEAM CYCLONE

AI Health Diagnosis  
SEED Hackathon 2024  
Innovating Healthcare

### PATIENT INFORMATION

NAME

AGE

GENDER

### PATIENT HISTORY

fever cough chest pain for a long time , its getting worse

### AI REPORT

#### COVID-19

The combination of fever, persistent cough, chest pain, and a recent positive X-ray result for COVID-19 strongly suggest this is the cause of his symptoms.

Here's why:

- \* \*\*Fever:\*\* A hallmark symptom of many viral infections including COVID-19.
- \* \*\*Persistent Cough:\*\* Coughing is a common symptom associated with viral respiratory illness like COVID-19, often lasting for weeks.
- \* \*\*Chest Pain:\*\* Chest pain can be caused by inflammation in the lungs (pneumonia) which often accompanies COVID-19.
- \* \*\*X-ray result:\*\* A positive X-ray result confirms the presence of lung inflammation consistent with COVID-19 pneumonia.

The blood test results also support this diagnosis:

- \* \*\*Hemoglobin (Hb):\*\* A low hemoglobin level, at 12.5 g/dL, is suggestive of anemia which can be a secondary finding from severe infection.
- \* \*\*Packed Cell Volume (PCV):\*\* The elevated PCV, at 57.5%, indicates increased red blood cell volume, possibly indicating inflammation and fluid buildup in the lungs caused by COVID-19.
- \* \*\*White blood count (WBC) :\*\* Elevated WBC counts are common in infections like COVID-19. In this case, the count of 9000 cells per cubic millimeter is above the reference range.

While the blood test results are consistent with COVID-19, it's important to remember that a complete picture can only be gained through a thorough evaluation by a medical professional considering all aspects of his condition, including symptoms and overall clinical presentation.

Doctor Signature

Date:

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AI EXPLAINABILITY

Xray results are covid\_19

