

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:



MEDICAL FORM

TEAM CYCLONE

AI Health Diagnosis
SEED Hackathon 2024
Innovating Healthcare

AI EXPLAINABILITY

Xray results are covid_19

