

MEDICAL FORM

TEAM CYCLONE

AI Health Diagnosis
SEED Hackathon 2024
Innovating Healthcare

PATIENT INFORMATION

NAME

AGE

GENDER

PATIENT HISTORY

fever

AI REPORT

Iron deficiency anemia

Here's a breakdown of why based on the provided information:

****Low Hemoglobin (Hb):**** A hemoglobin level below 13 g/dL indicates anemia, likely due to insufficient red blood cells.
****Low RBC Count:**** A lower than normal red blood cell count is also indicative of anemia.
****High Packed Cell Volume (PCV):**** An elevated PCV of 57.5% signifies that a larger percentage of the blood volume is made up by red blood cells. This could suggest an overcompensation for low hemoglobin levels, but it's not necessarily conclusive.
****Elevated MCH and MCHC:**** These indicate an increased concentration of hemoglobin in each red blood cell, which can occur with iron deficiency anemia as the body tries to compensate.

****Further Insights from Blood Test Data:****

While further tests may be needed for a definitive diagnosis, the combination of these lab results strongly suggests iron deficiency anemia.
****"Further confirm for Anemia":**** The report explicitly states that further confirmation is needed due to the high PCV and low Hb. This highlights the need for more detailed evaluation to rule out other possibilities.

****Key Takeaway:**** The patient's blood test results point towards a likely diagnosis of iron deficiency anemia, which can be confirmed with a more comprehensive evaluation including ferritin, transferrin saturation, etc.

Let me know if you have any more questions!

Doctor Signature

Date:



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AI EXPLAINABILITY

Xray results are covid_19

