MEDICAL FORM

TEAM CYCLONE

AI Health Diagnosis
SEED Hackathon 2024
Innovating Healthcare

PATIENT INFORMATION

NAME sonu | AGE 12 | GENDER Male

PATIENT HISTORY

stomach pain with vomit, high fever and headache, coughs

AI REPORT

Severe Malaria

The patient's symptoms (stomach pain, vomiting, high fever, headache, coughing, and possible anemia) are strongly suggestive of severe malaria. Here's why:

* **High Fever:** This is a hallmark symptom of malaria.
* **Stomach Pain and Vomiting:** Malaria parasites can cause gastrointestinal upset, leading to these symptoms.
* **Headache:** Malaria can trigger headaches due to inflammation.
* **Coughing:** Malaria can irritate the respiratory system causing coughing.
* **Blood Test Findings:** The blood test results highlight several key points:
    * **Low Hemoglobin (Hb):** This indicates anemia, a common complication of malaria.
    * **High Packed Cell Volume (PCV):** This is unusual for someone without anemia and suggests possible extramedullary hematopoiesis.
    * **Elevated Mean Corpuscular Volume (MCV):** Indicates larger red blood cells than normal, consistent with the body trying to compensate for low hemoglobin levels.
    * **High Platelet Count:** This may be a sign of immune response or inflammation associated with malaria infection.

It is essential to seek immediate medical attention for a diagnosis and treatment as severe malaria can quickly become life-threatening without prompt intervention.

Reference: Low Hemoglobin (Hb) - 12.5 g/dL, MCV: 87.75 fL, High Packed Cell Volume (PCV): 57.5%

Doctor Signature

Date: 2024-11-27

MEDICAL FORM

TEAM CYCLONE

AI Health Diagnosis
SEED Hackathon 2024
Innovating Healthcare

AI EXPLAINABILITY

Xray results are covid_19