

Ms. Sofia, under the diligent care of Dr. Sharma, has been advised for a comprehensive health assessment, despite being asymptomatic. Electing for a proactive approach to her health, she has undergone a thorough evaluation, inclusive of a Complete Blood Count (CBC) and Biochemistry analysis. The results obtained have yielded significant hematological insights, with her Hemoglobin (Hb) level measured at 11.0 g/dl, slightly below the lower limit, suggestive of mild anemia. However, her Red Blood Cell (RBC) Count falls within the normal range, indicating sufficient erythrocyte production. Nevertheless, the Packed Cell Volume (PCV) is slightly diminished at 30%, correlating with the lower hemoglobin level observed, while the Mean Corpuscular Volume (MCV) of 65 fl indicates microcytic anemia, necessitating further investigation into its underlying etiology.