

Mr.Vignesh, under the care of Dr.Jegadish has been referred for a thorough health assessment, exhibiting no specific complaints but opting for a proactive evaluation through a Complete Blood Count (CBC) and Biochemistry analysis. The obtained results reveal pertinent hematological insights. Her Hemoglobin (Hb) level of 11.0 g/dl is slightly below the lower limit, suggesting a potential indication of mild anemia. In contrast, her Red Blood Cell (RBC) Count falls within the normal range at 4.7 million/cmm. However, the Packed Cell Volume (PCV) is slightly diminished at 30%, correlating with the lower hemoglobin level, while the Mean Corpuscular Volume (MCV) of 65 fl signifies microcytic anemia. The Mean Corpuscular Hemoglobin (MCH) is slightly below the normal range at 23.4 pg, and the Mean Corpuscular Hemoglobin Concentration (MCHC) remains within the normal parameters at 36.7 gm/dl. The Total White Blood Cell (WBC) Count stands at 8,400 Cells/cumm, indicating an absence of acute infection. The Differential Count of WBC shows a normal distribution, with a Platelet Count of 2.24 Lakhs/cmm, denoting no thrombocytopenia. The Erythrocyte Sedimentation Rate (ESR) is slightly elevated at 20 mm/hr, suggesting a potential inflammatory or infectious process. The Blood Group is "A" Positive, and the Rh Type is Positive. Additionally, the Fasting Blood Sugar (FBS) level of 90 mg/dl is within the normal range.