CHARACTERISTICS OF FACTORS CAUSING FAILURE OF PROSPECTIVE DONORS DURING BLOOD DONOR SELECTION AT ITDRS R.T NOTOPURO SIDOARJO IN 2024.

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ABSTRACT

Final Project Report. Characteristics of Factors Causing Failure of Prospective Donors During Blood Donor Selection at ITDRS R.T Notopuro Sidoarjo in 2024. Ragita Pramesti (2025). Diploma III Blood Bank Technology Study Program, Department of Pharmacy and Food Analysis, Health Polytechnic of the Ministry of Health, Malang. Advisor Dr. Ekowati Retnaningtyas, S.Kp M. Kes.

Background: *Blood donor selection is a very important process to ensure that prospective donors meet the necessary requirements for safety and avoid risks to blood recipient patients. Characteristics of prospective donors such as gender, age, type of donor, blood type, and factors causing failure in donor selection are important information to increase public awareness.* ***Research Objective:*** *To determine the characteristics of factors causing failure of prospective donors during blood donor selection at Itdrs R.T Notopuro Sidoarjo in 2024.* ***Research Method:*** *Using a quantitative descriptive approach by utilizing secondary data obtained from the blood bank module system at Itdrs R.T Notopuro Sidoarjo.* ***Results:*** *In January - October 2024, prospective donors who failed the blood donor selection process numbered 82 people. Based on the data obtained, the most failures occurred in the female group (82,93%), aged 20-31 years (53,66%), voluntary donors (97,56%), blood type O (40,24%) and the main factor causing failure was low hemoglobin levels (71.95%).* ***Conclusion:*** *This study shows that the main factors for failure of blood donor selection at Itdrs R.T Notopuro Sidoarjo in January-October 2024 are female gender, age 20-31 years, type of voluntary donor, blood type O, and low hemoglobin levels. These results can help increase awareness and preparation of prospective blood donors.*

Keywords: Donor Failure, Donor Selection