

ABSTRACT

Annisa Tarwiyana (2023). Characteristics of Donors Who Experience Rejection of Blood Donor Selection Due to Hemoglobin Levels in UDD PMI Bojonegoro Regency in 2019 -2022. Scientific Paper Case Study, Diploma III Study Program in Blood Bank Technology, Department of Pharmaceutical and Food Analysis, Health Polytechnic, Ministry of Health, Malang. Supervisor Mrs. Dr. Ni Luh Putu Eka Sudiwati S.Kp., M.Kes.

Availability of blood with unbalanced blood needs causes blood service facilities to lack blood stock. Refusal to donate blood is one of the causes of a shortage of blood stock. The purpose of this study was to determine the characteristics of donors who experienced rejection of blood donor selection due to hemoglobin levels at UDD PMI Bojonegoro Regency in 2019 - 2022. This study used a quantitative descriptive research design with a secondary data survey method. Data was obtained from the SIMDONDAR application regarding data on the number and characteristics of donors who experienced donor selection rejection due to hemoglobin levels at UDD PMI Bojonegoro Regency during the 2019-2022 period. Data were analyzed descriptively in the form of tables and graphs. The results showed that the rejection of donor selection was due to hemoglobin levels in UDD PMI Bojonegoro Regency for the 2019-2022 period as many as 3,851 donors with low hemoglobin levels totaling 2,492 people and 893 people with high hemoglobin levels. And it was also found that the characteristics of donors who experienced refusal to donate blood due to hemoglobin levels at UDD PMI Bojonegoro Regency in 2019 - 2022 based on age mostly occurred at the age of 25-44 years with a total of 198 people (51%), gender occurred most in women a number 208 people (54%), blood type occurs in O(+) in 148 people (38%) and type of work occurs in private employees in 138 people (36%).

Keywords: Donor Characteristics, Denial of Hemoglobin Levels