DESCRIPTION OF THE CHARACTERISTICS OF VOLUNTARY DONORS IN BLOOD DONOR UNIT OF INDONESIA RED CROSS PROBOLINGGO DISTRICT PERIOD OF 2023

Eko Priyo Santoso
Prodi D3 Blood Bank Technology Poltekkes Kemenkes Malang,
Jl. Besar Ijen No. 77 C Malang

ABSTRACT

Background: Voluntary blood donors (DDS) have an important role in maintaining the availability of blood stock in the Blood Donor Unit (UDD) through strict selection based on health criteria, such as forms, questionnaires, and physical examinations. However, in Probolinggo Regency in 2023, the number of donors only reached 5,898 people from a total population of 1,163,859 people, around 0.5%, far from the ideal requirement of 2% of the population. The low interest of the community to donate blood regularly has an impact on the availability of blood for patients in need. **Research Objective:** To find out the characteristics of voluntary donors at UDD PMI Probolinggo Regency for the period of 2023. **Research Methods:** This study used a descriptive design with a quantitative approach, conducted in December 2024. The population of this study was data on all donors who passed the blood donor selection at UDD PMI Probolinggo Regency from January to December 2023, with a sample of 5,898 donors. Data analysis was carried out using descriptive statistical methods. **Research Results:** The results showed that voluntary donors at UDD PMI Probolinggo Regency in 2023 were dominated by men (60.04%), aged 25-44 years (39.90%), worked as private employees (46.65%), and had blood type O (41.25%). **Conclusion:** This study shows that public interest in donating blood is still low, which has an impact on the shortage of blood stocks at the UDD PMI Probolinggo Regency, so efforts need to be made to increase blood donor participation to meet ideal blood needs.

Keywords: voluntary blood donation, donor characteristics, blood availability, interest.