ABSTRACT

Arizal Dwiyanda Putra (2025) Description of Donor Side Reactions at UDD PMI MALANG CITY During the Fasting Month. Scientific Writing for Malang Blood Bank Technology DIII Study Program. Department of Pharmaceutical and Food Analysis. Ministry of Health Malang Health Polytechnic. Supervisor Dr. Ni Luh Putu Eka Sudiwati, S.Kp., M. Kes.

When donating blood, you cannot avoid side reactions from donating blood. Side reactions occur when the donor experiences several factors such as feeling dizzy, nauseous, losing consciousness and so on. The aim of this research is to determine the characteristics of side reactions in donors at UDD PMI Malang City. This research method uses descriptive research with a quantitative approach. This research data uses secondary data in the form of data on donors who experienced side reactions when donating blood. This research uses a percentage data analysis technique in the form of the number of donor side reactions during the fasting month based on the characteristics of age, gender, blood type, and description of vital signs in UDD PMI Malang City during the fasting month. The results of this study show that female donors experienced the most side reactions, namely 67%, whereas based on age the most were 17 - 25 years old, namely 73%, while based on blood type, namely blood group O+, namely 40%, the side reactions were The most common occurrence is mild side reactions with a percentage of 80%, vital signs in temperature, pulse and blood pressure decrease when side reactions occur in 15 donors with a percentage of 100%, and also in The most common symptom experienced was dizziness, namely 15 donors with a percentage of
100%. So it can be concluded that side reactions when donating blood are influenced by several characteristics, namely gender, age and also a decrease in vital signs in blood pressure, pulse and also complaints from donors who experience side reactions, mostly dizziness. For future researchers, it can be developed in the analysis section to be more in-depth and add weight factors that can influence side reactions when donating blood.

Keywords: Side reactions, description of vital signs, donor characteristics.