ABSTRACT

Feby Qurrata A'yun (2024). Description of the Characteristics of Reactive Hepatitis B Donors at UTD PMI Surabaya City. D-III Blood Bank Technology Study Program. Department of Pharmaceutical and Food Analysis, Health Polytechnic, Ministry of Health, Malang. Supervisor Tanto Hariyanto, S.Kep., Ns., M.Biomed.

Introduction: Hepatitis B is a liver disease caused by the Hepatitis B virus, a member of the hepadnavirus family which can cause acute or chronic liver inflammation which can progress to liver cirrhosis or liver cancer. One of the most important screening tests is the test for Hepatitis B. The aim of the research was to determine the characteristics of Hepatitis B reactive donors at UTD PMI Surabaya City. **Methods**: This research uses a descriptive quantitative approach. The subjects of this research are all donor data who have been reactive to Hepatitis B at the PMI Blood Transfusion Unit in Surabaya City in 2022. This research uses a non-probability sampling technique using purposive sampling. Data collection is done by collecting secondary data collected through the SIMDONDAR system which is taken from data from donors who are reactive to Hepatitis B in the form of data on age, gender and blood type. The analysis in this study used univariate analysis. **Results**: The total number of Hepatitis B reactive patients was 466. The predominant gender was male, 368 (79%), 141 (30%) aged 31-40 years, the majority had blood type O (28%).
Keywords: Blood, Donor, Reactive Hepatitis B