GAMBARAN KARAKTERISTIK PENDONOR REAKTIF HEPATITIS B DI UTD RSUD DATU BERU TAKENGON TAHUN 2021-2023

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ABSTRACT

Safe blood transfusion services are essential to prevent the transmission of blood-borne infections. One important step is the implementation of screening tests for infectious infections through blood transfusion (IMLTD), including Hepatitis B, which remains a public health problem in Indonesia. Despite a decrease in prevalence nationally, local data shows fluctuations in the number of cases, including at UTD RSUD Datu Beru Takengon. This study aims to determine the characteristics of blood donors who are reactive to Hepatitis B based on gender, age, and blood type in the 2021-2023 period. This study used a quantitative descriptive design with a documentary study approach using secondary data from IMLTD screening results. The analysis was carried out descriptively in the form of frequencies and percentages. Of the total 11,658 donors, 64 (0.55%) were found to be Hepatitis B reactive. Based on gender, the majority of reactive patients were male (70.31%). Based on age, the 25-44 years group was detected the most (45.31%). Based on blood type, group O was the most detected (46.88%). The results of this study are expected to be the basis for improving the quality of blood transfusion services and education to at-risk communities.

***Keywords**: HBV, Hepatitis B, Characteristics, Donors, Reactive*