

ABSTRAC

Bunga Juniarti Setyaningrum (2023). Characteristics of HIV Reactive Donors at UTD PMI Madiun City. Descriptive case study scientific writing. DIII Blood Bank Technology Study Program, Department of Applied Health. Malang Ministry of Health Health Polytechnic. Advisor Lecturer Nia Lukita Ariani, S.Sc., M.Sc.

Blood transfusion services are very vulnerable to the transmission of infectious diseases. Diseases that can be transmitted through blood transfusions include HIV, Hepatitis B, Hepatitis C, Syphilis and so on. Screening test for Transmissible Infections Through Blood Transfusion (IMLTD) is carried out to maintain the safety of blood and reduce the occurrence of infection transmission from donors to patients. The purpose of this study was to determine the characteristics of HIV donors at UTD PMI Madiun City in 2019-2021. This type of research is descriptive with descriptive data analysis and secondary data collection methods (SIMUDDA) in the form of HIV reactive donor data. Data from the results of the IMLTD screening test at UTD PMI Madiun City for 2019-2021 showed that 40 people were declared HIV reactive with Clia. There were 20 donors (50%) from the age group of 25-44 years and then 35 male donors (88%). The results of the study for work, namely private employees with 14 donors (35%) and based on blood type found blood type O as many as 19 donors (48%). It is expected that the Madiun City Health Office can follow up and provide an understanding of HIV disease and for blood donors who are declared HIV reactive to immediately carry out a re-examination to the referral hospital that has been appointed by UTD PMI Madiun City.

Keywords: Characteristics of HIV, blood donors