CHARACTERISTICS OF HIV REACTIVE BLOOD DONORS FROM THE RESULTS OF THE TEST FOR TRANSMITTED INFECTIONS THROUGH BLOOD TRANSFUSION (IMLTD) AT THE BLOOD DONOR UNIT IN SURABAYA CITY

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ABSTRACT

Background: The meaning of blood comes from the Greek, namely hemo, hemato and haima which means blood. Blood is a fluid present in all living things (except plants) and functions to transmit oxygen and substances needed by body tissues. In addition, blood also plays a role in transporting metabolic products and protecting the body from viral or bacterial infections. **Research Objective:** To determine the characteristics of blood donors who are HIV reactive with IMLTD. **Research Method:** This study uses a descriptive quantitative approach. This study was conducted from October to November at the UDD PMI Surabaya City. **Research Results:** The results of the IMLTD screening test were HIV reactive in donors in January 2022 - December 2024. At the UDD PMI Surabaya City in 2022 out of 136,842 donors there were 121 HIV reactive results, in 2023 out of 155,839 donors there were 170 reactive results, in 2024 out of 159,184 there were 125 reactive results. In the age group with the most HIV reactive results at the age of 17-30 years, there were 66 donors in 2022, 80 donors in 2023, and 51 donors in 2024. **Conclusion:** HIV reactive donors in Surabaya are relatively low in the last 3 years.

Keywords: HIV, IMLTD, Donors.