

GAMBARAN HASIL PEMERIKSAAN HIV PADA DARAH PENDONOR DI UNIT TRANSFUSI DARAH (UTD) PALANG MERAH INDONESIA (PMI) KABUPATEN BANTUL YOGYAKARTA TAHUN 2019

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INTISARI

Latar Belakang: Semua darah yang didapatkan dari pendonor darah harus dilakukan pemeriksaan Infeksi Menular Lewat Transfusi Darah (IMLTD), antara lain *Human Immunodeficiency Virus* (HIV), Hepatitis B, Hepatitis C dan Sifilis. Pemeriksaan IMLTD wajib dilakukan guna mencegah adanya penyakit yang dapat ditularkan lewat transfusi darah. Penelitian ini difokuskan pada hasil pemeriksaan HIV pada darah donor di UTD PMI Kabupaten Bantul tahun 2019.

Tujuan Penelitian: Tujuan penelitian untuk mengetahui persentase kasus HIV reaktif di UTD PMI Kabupaten Bantul selama tahun 2019, serta mengetahui distribusi frekuensi HIV reaktif berdasarkan kelompok usia, jenis kelamin dan golongan darah.

Metode Penelitian: Jenis penelitian deskriptif dengan desain retrospektif.

Hasil: Hasil penelitian menunjukkan bahwa jumlah HIV reaktif tahun 2019 sebanyak 23 (0,3%) dari 8.432 darah pendonor yang telah dilakukan uji saring HIV pada pemeriksaan IMLTD di UTD PMI Kabupaten Bantul tahun 2019. HIV reaktif mayoritas termasuk kelompok usia 25-44 tahun sebanyak 15 (65%). Berdasarkan jenis kelamin, HIV reaktif terdiri dari laki-laki sebanyak 19 (83%) dan perempuan sebanyak 4 (12%). Berdasarkan karakteristik golongan darah, HIV reaktif mayoritas memiliki golongan darah O sebanyak 14 (61%), golongan darah A sebanyak 6 (26%), golongan darah B sebanyak 2 (9%), dan golongan darah AB sebanyak 1 (4%).

Kesimpulan: Karakteristik pendonor berdasarkan usia mayoritas berusia 25-44 tahun. Gambaran karakteristik pendonor berdasarkan jenis kelamin mayoritas berjenis kelamin laki-laki. Golongan darah O merupakan golongan darah yang memiliki tingkat HIV reaktif yang paling banyak dibandingkan dengan golongan darah lainnya.

Kata kunci : *HIV, Reaktif, Unit Transfusi Darah, Donor Darah*

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OVERVIEW OF THE RESULTS OF HIV EXAMINATION IN THE BLOOD OF DONORS AT THE PALANG MERAH INDONESIA BLOOD TRANSFUSION UNIT (PMI) BANTUL YOGYAKARTA DISTRICT IN 2019

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ABSTRACT

Background: All blood obtained from blood donors must be examined for Infectious Infection through Blood Transfusion (IMLTD) , including Human Immunodeficiency Virus (HIV), Hepatitis B, Hepatitis C and Syphilis. (IMLTD) examination is mandatory to prevent diseases that can be transmitted through blood transfusions.

Objective: This research is focused on the results of HIV testing in donor blood at UTD PMI Bantul Regency in 2019. The aim of the study was to determine the percentage of reactive HIV cases in the UTD PMI Bantul Regency during 2019, as well as knowing the frequency distribution of reactive HIV based on age group, sex and blood type.

Method: This type of research is descriptive with a retrospective design.

Result: The results showed that the number of reactive HIV in 2019 was 23 (0,3%) of 8.432 donor blood who had an HIV screening test at the (IMLTD) examination at UTD PMI Bantul Regency in 2019. Reactive HIV is the majority including the 25-44 year old group of 15 (65%). Based on gender, HIV reactive consisted of 19 men (83%) and 4 women (12%). Based on the characteristics of blood groups, the majority of reactive HIV has blood type O as much as 14 (61%), blood group A as much as 6 (26%), blood group B as much as 2 (9%), and blood group AB as much as 1 (4%).

Conclusion: The characteristics of donors based on the age of the majority are 25-44 years old. The description of the characteristics of donors based on the majority of sex is male. Blood type O is the blood type that has the most reactive HIV levels compared to other blood groups.

Keywords: HIV, Reactive, Blood Transfusion Unit, Blood Donation

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