

GAMBARAN PENANGGUHAN SEMENTARA PENDONOR DARAH PADA PEMERIKSAAN SELEKSI DONOR DI UDD PMI KOTA YOGYAKARTA TAHUN 2024

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INTISARI

Latar Belakang: Salah satu faktor penyebab belum terpenuhinya kebutuhan darah di Indonesia adalah kegagalan tahap seleksi donor darah. Penyebab donor darah ditangguhkan pada tahap seleksi donor darah berdasarkan data kemenkes adalah karena berat badan kurang dari 45 kg (5,7%), usia kurang dari 17 tahun (4,3%), kadar Hb rendah <12,5g/dl (41,4%), riwayat medis lain seperti hipertensi, hipotensi, minum obat, dan kadar Hb yang tinggi >17 gr/dl (33,8%).

Tujuan Penelitian: Mengetahui gambaran penangguhan sementara pendonor darah pada pemeriksaan seleksi donor di UDD PMI Kota Yogyakarta tahun 2024.

Metode Penelitian: Desain penelitian menggunakan deskriptif kuantitatif, pengumpulan data sekunder, jumlah populasi dalam penelitian ini 1.402 pendonor, dan besar sampel 103 dengan Teknik pengambilan sampel purposive sampling dan analisis data menggunakan rumus slovin dan disajikan dalam distribusi frekuensi.

Hasil Penelitian: Hasil analisis data penelitian ini berdasarkan karakteristik donor usia remaja (50,5%), dewasa (31,0%) dan lansia (18,5%), berdasarkan jenis kelamin perempuan (52,4%), laki-laki (47,6%) analisis berdasarkan hasil pemeriksaan seleksi donor berdasarkan kadar hemoglobin anemia (55,3%), hemoglobin tinggi (17,4%), berdasarkan tekanan darah hipertensi (12,7%), hipotensi (10,7%) dan berdasarkan Riwayat medis kategori minum obat (3,9%).

Kesimpulan: Karakteristik pendonor darah yang ditangguhkan sementara di UDD PMI Yogyakarta tahun 2024 persentase terbanyak berdasarkan usia adalah kategori remaja (50,5%), dan berdasarkan jenis kelamin persentase terbanyak kategori perempuan sebanyak (52,4%). Hasil pemeriksaan seleksi donor pendonor darah yang ditangguhkan sementara di UDD PMI Yogyakarta tahun 2024 persentase terbanyak berdasarkan kadar hemoglobin adalah kategori anemia (55,3%), berdasarkan tekanan darah adalah kategori hipertensi (12,7%) dan riwayat medis adalah kategori minum obat (3,9%).

Kata Kunci: Seleksi donor, penangguhan sementara, hemoglobin, tekanan darah, dan Riwayat medis.

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DESCRIPTION OF THE TEMPORARY SUSPENSION OF BLOOD DONATIONS AT THE DONOR SELECTION EXAMINATION AT UDD PMI YOGYAKARTA 2024

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ABSTRACT

Background: One of the factors that causes the unfulfilled blood needs in Indonesia is the failure of the blood donor selection stage. The cause of blood donation being suspended at the blood donor selection stage based on the Ministry of Health data is because of body weight less than 45 kg (5.7%), age less than 17 years (4.3%), low Hb levels <12.5g/dl (41.4%), other medical history such as hypertension, hypotension, taking medication, and high Hb levels >17 gr/dl (33.8%).

Objectives: Knowing the picture of the temporary suspension of blood donors on the donor selection examination at UDD PMI Yogyakarta City in 2024.

Methods: The research design uses quantitative descriptive, secondary data collection, population number in this study 1,402 donors, and a large sample of 103 with purposive sampling techniques and data analysis using the slovin formula and presented in frequency distribution.

Results: The results of the analysis of this study data are based on the characteristics of adolescent donors (50.5%), adults (31.0%) and the elderly (18.5%), based on the female sex (52.4%), men (47.6%) analysis based on the results of donor selection examination based on anemic hemoglobin levels (55.3%), high hemoglobin (17.4%), based on hypertensive blood pressure (12.7%), hypotension (10.7%) and based on the medical history of the drug category (3.9%).

Conclusion: The characteristics of temporarily suspended blood donors in UDD PMI Yogyakarta in 2024 the highest percentage based on age is the adolescent category (50.5%), and by gender the highest percentage in the female category (52.4%). The results of the selection examination of blood donors who were temporarily suspended in UDD PMI Yogyakarta in 2024 the highest percentage based on hemoglobin levels was the anemia category (55.3%), based on blood pressure was the hypertension category (12,7%) and the medical history was the category of taking drugs (3,9%).

Keywords: Donor selection, temporary suspension, hemoglobin, blood pressure, and medical history.

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