GAMBARAN FAKTOR-FAKTOR PENYEBAB KETIDAKLAYAKAN CALON PENDONOR DARAH DI UDD PMI KABUPATEN BANYUMAS TAHUN 2022

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INTISARI

Latar Belakang: Upaya pemenuhan kebutuhan darah yang dilakukan pada kegiatan pelayanan darah salah satunya dengan mempertimbangkan kelayakan pada pendonor darah melalui tahap seleksi donor untuk menentukan layak donor dan tidak layak donor.

Tujuan penelitian: Penelitian ini bertujuan untuk mengetahui gambaran faktor-faktor penyebab ketidaklayakan calon pendonor darah di Unit Donor Darah PMI Kabupaten Banyumas tahun 2022.

Metode Penelitian: Penelitian ini merupakan penelitian deskriptif kuantitatif dengan pendekatan retrospektif. Populasi dalam penelitian ini yaitu seluruh pendonor di Unit Donor Darah PMI Kabupaten Banyumas sebanyak 101.841. Sampel dalam penelitian ini difokuskan pada calon pendonor darah yang tidak layak donor sebanyak 31.510. Teknik pengambilan sampel dalam penelitian ini menggunakan teknik total *sampling*.

Hasil Penelitian: Jumlah calon pendonor Unit Donor Darah PMI Kabupaten Banyumas tahun 2022 sebanyak 101.841, dimana calon pendonor darah yang layak donor lebih banyak di dalam gedung yaitu 20.499 (73,70%) dan yang tidak layak donor lebih banyak pada *mobile unit* yaitu 24.193 (32,93%). Calon pendonor darah yang tidak layak usia >65 tahun lebih banyak pada *mobile unit* yaitu 15 (0,06%), berat badan <45 kilogram lebih banyak di dalam gedung yaitu 58 (0,79%), tekanan darah tinggi lebih banyak di dalam gedung yaitu 829 (11,32%), tekanan darah rendah lebih banyak pada *mobile unit* yaitu 4.432 (18,32%), hemoglobin tinggi lebih banyak di dalam gedung yaitu 1.209 (16,53%) dan kadar hemoglobin rendah lebih banyak di dalam gedung yaitu 3.872 (52,92%) calon pendonor darah, berdasarkan faktor kondisi medis meliputi konsumsi obat, tato, bekam, haid, operasi/bedah, vaksin, sakit, cabut gigi, berpergian luar kota, confirm, belum waktunya donor dan kondisi medis lainya mayoritas terbanyak pada konsumsi obat pada *mobile unit* yaitu 1.281 (5,29%) calon pendonor darah.

Kesimpulan: Faktor penyebab ketidaklayakan calon pendonor darah di Unit Donor darah PMI Kabupaten Banyumas tahun 2022 berdasarkan faktor usia, berat badan, tekanan darah, kadar hemoglobin dan kondisi medis . Mayoritas terbanyak disebabkan oleh kadar hemoglobin rendah di dalam gedung sebanyak 3.872 (52,29%).

Kata Kunci: Faktor penyebab**,** Ketidaklayakan, UDD PMI Banyumas 2022

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DESCRIPTION OF FACTORS CAUSING INELIGIBILITY OF PROSPECTIVE BLOOD DONORS AT UDD PMI BANYUMAS DISTRICT IN 2022

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ABSTRACT

Background: Efforts to meet blood needs carried out in blood service activities include considering the eligibility of blood donors through the donor selection stage to determine eligible donors and unfit donors.

Objective: The objective of this study was to describe the factors that cause the ineligibility of prospective blood donors at the Banyumas Regency PMI Blood Donor Unit in 2022.

Method: This study was a quantitative descriptive research with a retrospective approach. The population in this study is all donors in the were Blood Donor Unit Banyumas Regency as many as 101,841 Samples in this study focused on prospective blood donors who were not eligible donors as many as 31,510. The sampling technique in this study used total sampling techniques.

Results: The number of prospective donors of the Banyumas Regency PMI Blood Donor Unit in 2022 was 101,841, where prospective blood donors who were eligible for donation were more in the building, namely 20,499 (73.70%) and those who were not eligible for donation were more in the mobile unit, namely 24,193 (32.93%). Prospective blood donors who were ineligible for age >65 years were more in the mobile unit at 15 (0.06%), body weight <45 kilograms were more in the building at 58 (0.79%), high blood pressure was more in the building at 829 (11.32%), low blood pressure was more in the mobile unit at 4,432 (18.32%), high hemoglobin was more in the building at 1. 209 (16.53%) and low hemoglobin levels are more in the building, namely 3,872 (52.92%) prospective blood donors, based on medical condition factors including drug consumption, tattoos, cupping, menstruation, surgery / surgery, vaccines, illness, tooth extraction, traveling out of town, confirming, not yet donor time and other medical conditions the highest majority in drug consumption in mobile units, namely 1,281 (5.29%) prospective blood donors.

Conclusion: Factors causing ineligibility of prospective blood donors at the Banyumas Regency PMI Blood Donor Unit in 2022 based on age, weight, blood pressure, hemoglobin levels and medical conditions. The highest majority was caused by low hemoglobin levels in the building as many as 3,872 (52.29%).

Keywords: Causal factors, Ineligibility, UDD PMI Banyumas 2022

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