

GAMBARAN PEMENUHAN PERMINTAAN PRODUK DARAH DI UDD PMI KOTA YOGYAKARTA TAHUN 2022

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INTISARI

Latar Belakang: Pemenuhan permintaan darah sangat penting dalam peningkatan kualitas pelayanan kesehatan karena terkait dengan keselamatan nyawa orang lain dan kebutuhan darah setiap tahun terus meningkat seiring bertambahnya jumlah penduduk.

Tujuan Penelitian: Penelitian ini bertujuan untuk mengetahui gambaran pemenuhan permintaan produk darah di UDD PMI Kota Yogyakarta tahun 2022.

Metode Penelitian: Penelitian ini merupakan penelitian deskriptif kuantitatif dengan pendekatan retrospektif. Populasi dan sampel dalam penelitian ini adalah seluruh permintaan darah sebanyak 44.232 di UDD PMI Kota Yogyakarta tahun 2022. Teknik pengambilan sampel menggunakan *total sampling*. Analisis data secara univariat.

Hasil Penelitian: Jumlah permintaan darah UDD PMI Kota Yogyakarta tahun 2022 sebanyak 44.232 paling banyak yaitu pada golongan darah O sebanyak 17.048 (38,54%), golongan darah rhesus positif sebanyak 44.186 (99,89%), serta komponen darah *Packed Red Cell* sebanyak 34.697 (78,44%). Jumlah permintaan darah yang dapat terpenuhi paling banyak yaitu golongan darah O sebanyak 16.498 (96,77%), golongan darah rhesus positif sebanyak 41.823 (94,65%), serta komponen darah *Packed Red Cell* sebanyak 33.295 (95,96%). Permintaan darah yang tidak terpenuhi paling banyak yaitu golongan darah B sebanyak 922 (6,99%), golongan darah rhesus negatif sebanyak 3 (6,52%), jenis komponen darah *Washed Erythrocyte* sebanyak 2 (22,22%).

Kesimpulan: Pemenuhan permintaan darah di UDD PMI Kota Yogyakarta yang dapat terpenuhi sebanyak 42.268 (95,56%) dari jumlah total permintaan sebanyak 44.232 permintaan darah.

Kata Kunci: *Permintaan Darah, Terpenuhi, Tidak Terpenuhi*

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OVERVIEW OF THE FULFILLMENT OF BLOOD PRODUCT DEMAND IN BLOOD DONATION UNIT PMI YOGYAKARTA CITY IN 2022

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ABSTRACT

Background: The fulfillment of blood demand is very important in improving the quality of health services because it is related to the safety of other people's lives and the need for blood continues to increase every year as the population increases.

Objective: The objective of this study was the fulfillment of blood product demand at blood donation unit PMI Yogyakarta City in 2022.

Methods: This study is a quantitative descriptive study with a retrospective approach. The population and sample in this study were all blood requests totaling 44,232 at blood donation unit PMI Yogyakarta city in 2022. Sampling techniques using total sampling. Data analysis was descriptive.

Results: The number of requests for blood from blood donation unit PMI Yogyakarta City in 2022 was 44,232, most of which were for blood type O as many as 17,048 (38.54%), positive rhesus blood type as many as 44,186 (99.89%), and Packed Red Cell blood components as many as 34,697 (78.44%). The number of blood requests that can be fulfilled the most is blood type O as much as 16,498 (96.77%), positive rhesus blood type as much as 41,823 (94.65%), and Packed Red Cell blood components as much as 33,295 (95.96%). The most unfulfilled blood requests are blood type B as much as 922 (6.99%), negative rhesus blood type as much as 3 (6.52%), type of Washed Erythrocyte blood component as much as 2 (22.22%).

Conclusion: The fulfillment of blood requests at UDD PMI Yogyakarta City that can be fulfilled is 42,268 (95.56%) of the total number of requests of 44,232 blood requests.

Keywords: *Blood Demand, Fulfilled, Unfulfilled*

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