

KARAKTERISTIK CALON PENDONOR DARAH GAGAL DONOR AKIBAT HEMOGLOBIN YANG TIDAK MEMENUHI SYARAT DI UTD PMI KABUPATEN SLEMAN TAHUN 2020

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INTISARI

Latar Belakang: Penyebab dari berkurangnya stok darah pada setiap unit tranfusi darah adalah kegagalan pada tahap awal seleksi donor darah. Beberapa faktor penyebab pada seleksi donor salah satunya yaitu kegagalan pada kadar hemoglobin yang rendah atau tinggi. Sebanyak 822 calon pendonor di UTD PMI Kabupaten Sleman gagal mendonorkan darahnya akibat Hb yang tidak memenuhi syarat.

Tujuan: Mengetahui karakteristik calon pendonor darah gagal akibat hemoglobin yang tidak memenuhi syarat di UTD PMI Kabupaten Sleman tahun 2020 berdasarkan usia, jenis kelamin, dan kadar hemoglobin.

Metode Penelitian: Penelitian ini dilakukan di UTD PMI Kabupaten Sleman dengan menggunakan desain penelitian deskriptif kuantitatif dengan pendekatan *Cross Sectional*. Populasi penelitian ini adalah seluruh pendonor darah yang ditolak donor darah karena tidak memenuhi syarat di Unit Tranfusi Darah (UTD PMI) Kabupaten Sleman pada tahun 2020 sebanyak 822 pendonor. Besar sampel dihitung berdasarkan rumus slovin sebesar 89 pendonor. Pengambilan sampel dilakukan dengan teknik *random sampling*.

Hasil Penelitian: Pendonor yang ditolak akibat kadar Hb tidak memenuhi syarat berdasarkan usia 17 tahun sebanyak 89 pendonor. Pendonor yang ditolak berdasarkan jenis kelamin laki-laki sebanyak 36 pendonor dan perempuan sebanyak 53 pendonor. Pendonor yang ditolak berdasarkan pola hidup meliputi kadar Hb <12,5 sebanyak 27 pendonor dan Hb >17 sebanyak 62 pendonor.

Kesimpulan: Jumlah pendonor yang ditolak akibat kadar Hb tidak memenuhi syarat sebanyak 89 pendonor, dengan mayoritas ditolak karena Hb tinggi >17 sebanyak 62, berusia 25-44 sebanyak 48, dan berjenis kelamin perempuan sebanyak 53 pendonor.

Saran: Diperlukan adanya edukasi dari pihak UTD PMI Kabupaten Sleman kepada pendonor terkait syarat-syarat yang harus dipenuhi sebelum mendonorkan darah.

Kata Kunci: *Gagal Donor, Hemoglobin, UTD PMI*

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CHARACTERISTICS OF PROSPECTIVE BLOOD DONOR FAILURE DUE TO HEMOGLOBIN UNCERTIFICATES AT UTD PMI SLEMAN DISTRICT IN 2020

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ABSTRACT

Background: The cause of the reduced blood stock in each blood transfusion unit is failure in the early stages of blood donor selection. Several factors cause the selection of donors, one of which is the failure of low or high hemoglobin levels. A total of 822 prospective donors at UTD PMI Sleman Regency failed to donate blood due to Hb that did not meet the requirements.

Objective: Knowing the characteristics of potential blood donors who fail due to hemoglobin that does not meet the requirements at UTD PMI Sleman Regency in 2020 based on age, gender, and hemoglobin levels.

Research Methods: This research was conducted at UTD PMI Sleman Regency using a quantitative descriptive research design with a Cross Sectional approach. The population of this study is all blood donors who were rejected by blood donors because they did not qualify in the Blood Transfusion Unit (UTD PMI) of Sleman Regency in 2020 as many as 822 donors. The sample size is calculated based on the slovin formula of 89 donors. Sampling is done by random sampling technique.

Research Results: Donors who were rejected because their Hb levels did not meet the requirements base on the age of >17 years old were 89 donors. The rejected donors based on male gender were 36 donors and 53 female donors. The rejected donors based on lifestyle include Hb levels <12,5 as many as 27 donors and Hb >17 as many as 62 donors.

Conclusion: The number of donors who were rejected because their Hb levels did not meet the requirements were 89 donors, with the majority being rejected because of high Hb >17 as many as 62, aged 25-44 as many as 48, and as many as 53 female donors.

Suggestions: It is necessary to provide education from the UTD PMI Sleman Regency to donors regarding the conditions that must be met before donating blood.

Keywords: Failed Donor, Hemoglobin, UTD PMI

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