

GAMBARAN HASIL PEMERIKSAAN PRA TRANSFUSI DI BANK DARAH *HOSPITAL NACIONAL GUIDO* *VALADARES* TAHUN 2024

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INTISARI

Latar Belakang: Pemeriksaan Pra transfusi merupakan rangkaian prosedur yang dilaksanakan guna mencocokkan darah pasien dengan darah donor sebelum transfusi. Tujuan dari pemeriksaan ini adalah untuk memastikan apakah terdapat aloantibodi dalam darah pasien yang dapat bereaksi pada darah donor saat ditransfusikan dan/sebaliknya. Uji silang serasi inkompatibel terjadi ketika hasil pemeriksaan darah menunjukkan ketidaksesuaian darah pasien dan donor.

Tujuan Penelitian: Untuk mengetahui gambaran hasil pemeriksaan Pra Transfusi di Bank Darah Hospital Nacional Guido Valadares tahun 2024.

Metode Penelitian: penelitian ini bersifat deskriptif kuantitatif. Sampel dalam penelitian ini adalah seluruh hasil pemeriksaan Pra Transfusi meliputi golongan darah, uji silang serasi dan coomb's test di Bank Darah Hospital Nacional Guido Valadares tahun 2024 dengan teknik pengambilan sampel menggunakan total sampling. Analisis data menggunakan analisis univariat.

Hasil Penelitian: berdasarkan hasil penelitian menunjukkan golongan darah terbanyak bergolongan darah O Rhesus Positif sebanyak 466 (56,5%), inkompatibel terbanyak ditemukan pada inkompatibel pada Minor dan Auto Kontrol sebanyak 27 (3,3%), pada hasil *Direct Coomb's* Tes ditemukan hasil positif pada Minor dan Auto kontrol sebanyak 27 (100%)

Kesimpulan: Hasil penelitian ini menunjukkan bahwa jenis inkompatibel yang paling banyak ditemukan yaitu jenis kompatibel Minor dan Auto Control sebanyak 27 (0,4%).

Kata kunci : *Pemeriksaan Pra-Transfusi, Golongan Darah, Uji Silang Serasi, Transfusi Darah*

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DESCRIPTION OF THE RESULTS OF THE PRE-TRANSFUSION EXAMINATION IN GUIDO NATIONAL HOSPITAL BLOOD BANK VALADARES IN 2024

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ABSTRACT

Background : Pre-transfusion examination is a series of procedures carried out to match the patient's blood with donor blood before transfusion. The purpose of this test is to ascertain whether there are all antibodies in the patient's blood that can react to donor blood when transfused and/or vice versa. Incompatible cross-testing occurs when the results of a blood test show a mismatch, where one, some, or all of the crossmatch results are positive, so that donor blood is declared unsuitable for the patient.

Objectives : To find out the overview of the results of the Pre-Transfusion examination at the Hospital Nacional Guido Valadares Blood Bank in 2024.

Method : This research is quantitative descriptive. The samples in this study are all the results of Pre-Transfusion examinations including blood type, matching cross-tests and coomb's test at the Blood Bank of Hospital Nacional Guido Valadares in 2024 with sampling techniques using total sampling. Data analysis used univariate analysis.

Results : based on the results of the study, the most blood types with O Rhesus Positive blood type were 466 (56.5%), the most incompatible was found in incompatible in Minor and Auto Control as many as 27 (3.3%), in the results of *Direct Coomb's Test* positive results were found in Minor and Auto control as many as 27 (100%)

Conclusion : The results of this study show that the most incompatible types found are the Minor and Auto Control compatible types as many as 27 (0.4%).

Keywords: Pre-Transfusion Test, Blood Type, Compatible Cross-Test, Blood Transfusion

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