

**GAMBARAN PENDISTRIBUSIAN KOMPONEN DARAH
PACKED RED CELL DI UTD PMI SLEMAN BULAN DESEMBER
TAHUN 2019**

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INTISARI

Latar Belakang: Pendistribusian darah merupakan kegiatan penyampaian darah dari UTD ke rumah sakit melalui Bank Darah Rumah Sakit (BDRS) dengan sistem distribusi tertutup dan sistem rantai dingin. Sistem distribusi tertutup merupakan sistem pendistribusian darah yang harus dilakukan oleh petugas UTD dan petugas rumah sakit tanpa melibatkan keluarga pasien. Sistem rantai dingin merupakan sistem penyimpanan dan distribusi darah dan produk darah dalam suhu dan kondisi yang tepat dari tempat pengambilan darah pendonor sampai darah ditransfusikan ke pasien. Dalam sistem distribusi tertutup ini, darah dari donor sukarela maupun pengganti yang telah melalui proses seleksi, disadap ke dalam kantong darah, dan dilakukan uji saring terhadap IMLTD (Infeksi Menular Lewat Transfusi Darah) dan pengolahan darah sesuai dengan standar prosedur operasional oleh UTD (Peraturan Menteri Kesehatan, No. 83, tentang UTD, BDRS, dan Jejaring Pelayanan Darah, 2014).

Tujuan Penelitian: Untuk mengetahui gambaran pendistribusian komponen darah PRC di UTD PMI sleman pada bulan Desember tahun 2019.

Metode Penelitian: Penelitian ini merupakan penelitian kuantitatif dengan desain deskriptif. Sampel penelitian berjumlah 753 kantong darah komponen sel darah merah. Pengambilan sampel menggunakan total sampel.

Hasil: Distribusi komponen darah PRC pada bulan Desember 2019 di UTD PMI Kabupaten Sleman sebanyak 753 kantong darah. Dan jumlah kebutuhan pada bulan tersebut sebanyak 753 kantong. Melayani permintaan langsung (51,1%). Drooping Bank Darah Rumah Sakit (BDRS) PKU Muhammadiyah Gamping (67,6%). Ditinjau dari sebaran Rumah Sakit yang melakukan permintaan langsung RS Hermina Yogyakarta (22,6%). Golongan Darah O (35%). Permintaan langsung Bangsal Rumah Sakit, Bangsal Dalam (60%).

Kesimpulan: Distribusi komponen darah PRC pada bulan Desember 2019 sebanyak 753 kantong darah. Permintaan komponen darah PRC sebagian besar dari permintaan langsung sebanyak 385 kantong (51,1%).

Kata Kunci: Distribusi, komponen darah PRC, Unit Transfusi Darah

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**DESCRIPTION OF BLOOD COMPONENT DISTRIBUTION
PACKED RED CELL AT UTD PMI SLEMAN IN DECEMBER
IN 2019**

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ABSTRACT

Background: Blood distribution is an activity of delivering blood from UTD to the hospital through the Hospital Blood Bank (BDRS) with a closed distribution system and a cold chain system. The closed distribution system is a blood distribution system that must be carried out by UTD officers and hospital staff without involving the patient's family. The cold chain system is a system for storing and distributing blood and blood products at the right temperature and conditions from the place where the donor's blood is drawn until the blood is transfused into the patient. In this closed distribution system, blood from voluntary and substitute donors who have gone through a selection process, are tapped into a blood bag, and are screened for IMLTD (Infectious Infection Through Blood Transfusions) and blood processing is in accordance with standard operational procedures by UTD (Ministerial Regulation Health, No. 83, on UTD, BDRS, and the Blood Service Network, 2014).

Objectives: To find out an overview of the distribution of PRC blood components at UTD PMI sleman in December 2019.

Methods: This research is a quantitative research with a descriptive design. The samples of this research were 753 blood bags, the components of red blood cells. Sampling using a total sample.

Results: The distribution of PRC blood components in December 2019 at UTD PMI Sleman Regency was 753 blood bags. And the number of needs in that month is 753 bags. Serving direct requests (51.1%). Drooping of Hospital Blood Bank (BDRS) PKU Muhammadiyah Gamping (67.6%). Hospital direct request Hermina Hospital Yogyakarta (22.6%). Blood Type O (35%). Request direct Hospital Ward, Inner Ward (60%).

Conclusion: The distribution of PRC blood components in December 2019 was 753 blood bags. Most of the demand for PRC blood components came from direct requests as many as 385 bags (51.1%).

Keywords: Distribution, PRC Blood Components, blood transfusion unit

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