

GAMBARAN STOK DAN PERMINTAAN DARAH SELAMA PANDEMI COVID-19 DI UDD PMI KABUPATEN SLEMAN TAHUN 2019-2020

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INTISARI

Latar Belakang: Unit Donor Darah (UDD) memiliki tanggung jawab untuk memenuhi ketersediaan darah di wilayah kerjanya atau jejaring. Pandemi penyakit virus corona 2019 (Covid-19) yang menyebar di seluruh dunia sejak akhir tahun 2019 adalah penyakit menular yang disebabkan oleh virus SARS-Cov-2 berdampak menurunnya jumlah stok darah yang didapat.

Tujuan Penelitian: Penelitian ini bertujuan untuk mengetahui gambaran stok dan permintaan darah selama pandemi Covid-19 di UDD PMI Kabupaten Sleman pada tahun 2019-2020 serta upaya untuk memenuhi ketersediaan stok darah.

Metode Penelitian: Penelitian ini merupakan penelitian deskriptif kuantitatif dengan pendekatan retrospektif. Sampel dalam penelitian ini sebanyak 23.803 kantong darah dan 24.002 permintaan darah. Teknik pengambilan sampel yang digunakan adalah *total sampling*. Teknik analisis data menggunakan analisis deskriptif menggunakan aplikasi SPSS.

Hasil : Hasil penelitian menunjukkan bahwa akibat pandemi Covid-19, jumlah stok dan permintaan darah di UDD PMI Kabupaten Sleman meningkat. Jumlah stok darah pada tahun 2019 sebelum adanya pandemi Covid-19 yaitu sebanyak 11.500 kantong darah dengan permintaan darah yang masuk sebanyak 11.487 kantong. Sedangkan jumlah stok darah pada tahun 2020 selama pandemi Covid-19 berlangsung yaitu sebanyak 12.303 kantong darah dengan permintaan darah yang masuk sebanyak 12.515 kantong. Sehingga selama pandemi Covid-19 berlangsung pada tahun 2020 sebanyak 212 permintaan darah (1,69%) tidak dapat terpenuhi karena kurangnya jumlah stok darah yang didapat. Upaya pemenuhan stok darah yang dilakukan dengan pengadaan kegiatan *Mobile Unit*, sosialisasi media pamflet dan broadcast, *doorprize*, dan kursi pijat donor.

Kesimpulan: Kekurangan stok darah yang disebabkan oleh berkurangnya kehadiran donor karena adanya pandemi Covid-19. Upaya pemenuhan stok darah dilakukan dengan meningkatkan pelayanan dan fasilitas yang mendukung.

Kata Kunci: *Covid-19, Donor darah, Stok darah, Permintaan darah, Upaya pemenuhan stok darah*

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OVERVIEW OF BLOOD STOCKS AND DEMAND DURING THE COVID-19 PANDEMIC IN UDD PMI SLEMAN DISTRICT IN 2019-2020

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ABSTRACT

Background: The Blood Donation Unit has the responsibility to meet the availability of blood in its working area or network. The 2019 corona virus disease pandemic (Covid-19) that has spread throughout the world since the end of 2019 is an infectious disease caused by the SARS-Cov-2 virus which has an impact on decreasing the number of blood stocks obtained.

Objective: The objective of this study were describe the stock and demand for blood during the Covid-19 pandemic at the UDD PMI Sleman Regency in 2019-2020 as well as efforts to meet the availability of blood stocks.

Methods: This research was a quantitative descriptive study with a retrospective approach. The samples in this study were 23.803 blood bags and 24.002 blood requests. The sampling technique was used a total sampling. The data analysis technique used descriptive analysis using the SPSS application.

Result: The results showed that due to the Covid-19 pandemic, the amount of blood stock and demand at UDD PMI Sleman Regency increased. The number of blood stocks in 2019 before the Covid-19 pandemic was 11.500 blood bags with a demand for blood coming in as many as 11.487 bags. Meanwhile, the number of blood stocks in 2020 during the Covid-19 pandemic was 12.303 blood bags with a demand for blood coming in as many as 12.515 bags. So that during the Covid-19 pandemic taking place in 2020 as many as 212 requests for blood (1,69%) could not be fulfilled due to a lack of blood supply. Efforts to fulfill blood stock were carried out by procuring Mobile Unit activities, socializing pamphlets and broadcast media, door prizes, and donor massage chairs.

Conclusion: Lack of blood stocks caused by the reduced presence of donors due to the Covid-19 pandemic. Efforts to fulfill blood stock are carried out by improving services and supporting facilities.

Keywords: *Covid-19, Blood donation, Blood stock, Blood demand, Blood stock fulfillment efforts*

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