

KETERSEDIAAN STOK KOMPONEN DARAH *THROMBOCYTE CONCENTRATE* (TC) SEBELUM DAN SAAT PANDEMI COVID-19 DI PMI KULON PROGO

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INTISARI

Latar Belakang: Komponen *thrombocyte concentrate* (TC) merupakan komponen terbanyak yang dibutuhkan setelah komponen PRC, dimana kebutuhan TC pada tahun 2016 mencapai hingga 20,40% Menurut data Direktorat Jenderal Pencegahan dan Pengendalian Penyakit (P2P), di Indonesia terjadi kenaikan permintaan komponen TC di awal tahun 2019. Pandemi COVID-19 adalah penyebaran epidemi coronavirus yang telah menyebar ke berbagai benua dan Negara.

Tujuan Penelitian: Untuk mengetahui Ketersediaan Stok Darah Komponen *Thrombocyte Concentrates* (TC) Sebelum dan Saat Pandemi di UTD PMI Kulonprogo 2020.

Metode Penelitian: Penelitian ini merupakan penelitian deskriptif kuantitatif dengan pendekatan waktu yang digunakan adalah retrospektif.

Hasil Penelitian: Didapatkan jumlah Ketersediaan Stok Komponen TC Sebelum Pandemi 2019 dengan total kantong 534 dan saat Pandemi 2020 dengan total kantong 1.109 di UTD PMI Kulon Progo, data tersebut menunjukkan bahwa terjadi peningkatan ketersediaan stok TC selama pandemi COVID-19 .

Kesimpulan: Dampak pandemi COVID-19 di UTD PMI Kabupaten Kulon Progo tidak menurunkan jumlah ketersediaan stok komponen darah *thrombocyte concentrates* (TC). Justru mengalami peningkatan produksi pada tahun 2020.

Kata Kunci: *Thrombocyte Concentrate*, Covid-19, TC.

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THROMBOCYTE CONCENTRATE (TC) BLOOD COMPONENT STOCK AVAILABILITY BEFORE AND DURING COVID-19 PANDEMIC AT PMI KULON PROGO

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ABSTRACT

Background: The thrombocyte concentrate (TC) component is the most needed component after the PRC component, where the need for TC in 2016 reaches up to 20.40%. According to data from the Directorate General of Disease Prevention and Control (P2P), in Indonesia there is an increase in demand for TC components in early 2019. The COVID-19 pandemic is the spread of a coronavirus epidemic that has spread to various continents and countries.

Objective: To determine the availability of blood stock components of thrombocyte concentrates (TC) before and during the pandemic at UTD PMI Kulonprogo 2020

Methods: This research is a descriptive quantitative study with a time approach that is used is retrospective.

Results: The number of TC Components Stock Availability was obtained before the 2019 Pandemic with a total of 534 bags and during the 2020 Pandemic with a total of 1,109 bags at the PMI Kulon Progo UTD, the data shows that there was an increase in the availability of TC stock during the COVID-19 pandemic.

Conclusions: The impact of the COVID-19 pandemic at UTD PMI Kulon Progo Regency did not reduce the amount of stock availability of blood thrombocyte concentrates (TC) components. Instead, it will experience an increase in production in 2020.

Keywords: Thrombocyte Concentrate, Covid-19, TC.

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