

Praktik kerja di Rumah Sakit Universitas Indonesia periode 6 September - 29 Oktober 2022, Analisis pengendalian dengan metode analisis ABC dan Economic Order of Quantity (EOQ) pada obat antimikroba COVID-19 periode April hingga September 2022 di RSUI = Job training at Universitas Indonesia Hospital on 6th September - 29th October 2022, Inventory control analysis of COVID-19 antimicrobials usage on April to September 2022 at University of Indonesia Hospital using ABC analysis and EOQ

Avini Risda Khaerani, author

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Abstrak

Pengendalian persediaan kefarmasian selama pandemi COVID-19 diperlukan untuk mencegah adanya kekurangan obat (drugs shortage) dan stagnansi obat (stagnant drugs). Tujuan penulisan tugas khusus ini adalah untuk mengetahui klasifikasi antimikroba COVID-19 berdasarkan analisis ABC dan mengetahui jumlah pemesanan ideal menggunakan metode Economic Unit Quantity (EOQ) di RSUI dalam kurun waktu 6 bulan. Tugas khusus ini disusun dari September hingga Oktober 2022. Berdasarkan hasil analisis ABC, terdapat: 3 jenis dengan nilai investasi sebesar 69,95 % obat yang masuk ke dalam obat golongan A (Always); 1 jenis dengan nilai investasi sebesar 13,86 % obat yang masuk ke dalam obat golongan B (Better), dan; 1 jenis dengan nilai investasi sebesar 16,19 % obat yang masuk ke dalam obat golongan C (Control). Berdasarkan hasil analisis EOQ, jumlah pemesanan ideal minimum berkisar dari 1 hingga 312 unit dengan seftriakson 1000 mg injeksi dengan nilai EOQ tertinggi (312 unit) dan covifor 100 mg serbuk injeksi dengan nilai EOQ terendah (1 unit).

.....Pharmaceutical supply control during the COVID-19 pandemic is necessary to prevent drug shortages and stagnant drugs. The purpose of writing this special assignment is to find out the classification of COVID-19 antimicrobials based on ABC analysis and find out the ideal number of orders using the Economic Unit Quantity (EOQ) method at RSUI within 6 months. This special assignment was prepared from September to October 2022. Based on the results of the ABC analysis, there are: 3 types with an investment value of 69.95% of drugs that are included in class A drugs (Always); 1 type with an investment value of 13.86% of drugs included in class B drugs (Better), and; 1 type with an investment value of 16.19% of drugs included in class C drugs (Control). Based on the results of the EOQ analysis, the minimum ideal order quantity ranges from 1 to 312 units with ceftriaxone 1000 mg injection with the highest EOQ value (312 units) and covifor 100 mg powder injection with the lowest EOQ value (1 unit).