

Praktik Kerja di Rumah Sakit Universitas Indonesia Periode 1 Juli-25 Agustus 2023, Analisis Kesesuaian Dosis-Indikasi dan Daftar Obat pada Pasien Anak di Rawat Inap Rumah Sakit Universitas Indonesia = Internship at University of Indonesia Hospital Period July 1st-August 25th 2023, Analysis of the Appropriateness of Dosage-Indication and Drug List in Pediatric Patients in Hospitalization at the University of Indonesia Hospital.

Nur Afifah, author

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Abstrak

Pengkajian dan pelayanan resep merupakan salah satu pelayanan farmasi klinik di Rumah sakit. Pada pengkajian resep salah satu hal penting yang harus dilakukan adalah menganalisis ketepatan indikasi dan dosis obat. Perbedaan dosis pada pasien anak dibandingkan dewasa karena perbedaan fisiologis yang kemudian berkembang pada perbedaan farmakokinaetik obat. Dosis obat pada anak perlu disesuaikan terlebih dahulu agar efek terapi dapat tercapai dan menghindari ROTD (Reaksi Obat yang Tidak Diinginkan). Ketepatan indikasi dan dosis obat pada resep perlu dianalisis terlebih dahulu oleh Apoteker sebelum obat nantinya diberikan. Dalam melakukan analisis tersebut Apoteker perlu memiliki referensi terpercaya sebagai acuan. Laporan analisis kesesuaian dosis-indikasi obat pasien anak di Rawat Inap Rumah Sakit Universitas Indonesia ini dilakukan dengan menganalisis 5 resep yang dipilih secara acak. Berdasarkan referensi online database terkait obat seperti Micromedex, medicines.org.uk, Lexicomp, Medscape, panduan tatalaksana IDAI, leaflet obat, maupun referensi terkait lainnya dibuat daftar referensi obat dari obat-obatan yang diresepkan pada pasien anak di rawat inap RSUI selama bulan Juli 2023. Dari daftar tersebut kemudian 5 resep yang sudah dipilih dianalisis kesesuaian indikasi dan dosisnya. Berdasarkan hasil analisis disimpulkan bahwa kelima resep tersebut telah tepat indikasi dan tidak ada obat dengan dosis yang melampaui dosis maksimal, sehingga masih sesuai untuk diberikan pada pasien.

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Prescription review and service is one of the clinical pharmacy services in the hospital. In the assessment of prescriptions, one of the important things that must be done is to analyze the accuracy of indications and drug dosages. The difference in dosage in pediatric patients compared to adults is due to physiological differences which then develop in differences in drug pharmacokinetics. The dose of drugs in children needs to be adjusted first so that the therapeutic effect can be achieved and avoid ROTD (Unintended Drug Reactions). The accuracy of the indication and dose of the drug in the prescription needs to be analyzed first by the pharmacist before the drug is given. In conducting this analysis, pharmacists need to have a trusted reference as a reference. This report on the analysis of the appropriateness of the dose-indication of drugs for pediatric patients in the Inpatient Department of the University of Indonesia Hospital was carried out by analyzing 5 randomly selected prescriptions. Based on drug-related online databases such as Micromedex, medicines.org.uk, Lexicomp, Medscape, IDAI management guidelines, drug leaflets, and other related references, a drug reference list of drugs prescribed to pediatric patients in the hospitalization of RSUI during July 2023 was created. From this list, 5 prescriptions that had been selected were analyzed for the suitability of indications and doses. Based on the results of the analysis, it was concluded that the five

prescriptions had the right indication and there were no drugs with doses that exceeded the maximum dose, so they were still suitable to be given to patients.