

## Evaluasi Interaksi Obat-Obat Pada Peresepan Obat Racikan Di Apotek Roxy Hasyim Ashari Periode Juni 2023 = Evaluation of Drug Interactions in Prescribing Compound Medicines at Roxy Hasyim Ashari Pharmacy June 2023 Period

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### Abstrak

Peresepan obat berpotensi menimbulkan masalah terkait obat terutama interaksi obat. Interaksi obat dapat berujung pada bertambahnya lama perawatan dan menurunnya efektifitas biaya pengobatan. Interaksi obat terjadi diakibatkan oleh perubahan sifat farmakodinamika dan farmakokinetika obat. Peracikan obat bertujuan dalam meningkatkan dosis dan kepatuhan pasien dalam menggunakan obat, namun dapat juga menimbulkan interaksi antar obat. Peresepan yang dievaluasi merupakan peresepan obat di Apotek Roxy Hasyim Ashari pada periode Juni 2023. Persentase interaksi obat-obat pada peresepan obat racikan di Apotek Roxy Hasyim Ashari periode Juni 2023 berdasarkan tingkat keparahan interaksi terbanyak pada interaksi moderate (79%), mayor (12%), dan minor (9%) sedangkan interaksi obat-obat berdasarkan mekanisme interaksi terbanyak pada interaksi farmakodinamika (85%) dan farmakokinetik (15%). Rekomendasi apoteker akan interaksi obat-obat yang terjadi yaitu sebaiknya dihindari penggunaannya secara bersama, memberi jeda antara kedua obat yang berpotensi interaksi, dan bila perlu ditambahkan terapi penunjang untuk mengurangi efek interaksi yang dihasilkan. Tindak lanjut yang dapat dilakukan oleh apoteker Roxy Hasyim Ashari mengetahui terkait interaksi obat obat yang terjadi yaitu merekomendasi kepada dokter penulis resep agar dapat memberi terapi tambahan dan dihindari penggunaannya secara bersamaan terutama diracik menjadi satu kapsul.

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Drug prescribing has the potential to cause drug-related problems, especially drug interactions. Drug interactions can lead to increased length of treatment and decreased cost-effectiveness of treatment. Drug interactions occur due to changes in the pharmacodynamic and pharmacokinetic properties of drugs. Drug compounding aims to improve dosage and patient compliance in using drugs, but can also cause interactions between drugs. The prescriptions evaluated were drug prescriptions at Roxy Hasyim Ashari Pharmacy in the x Universitas Indonesia period June 2023. The percentage of drug-drug interactions in compounded drug prescriptions at Roxy Hasyim Ashari Pharmacy in the June 2023 period based on the severity of the interaction was highest in moderate (79%), major (12%), and minor (9%) interactions while drug-drug interactions based on the interaction mechanism were highest in pharmacodynamic (85%) and pharmacokinetic (15%) interactions. Pharmacist recommendations for drug drug interactions that occur are that they should be avoided using them together, give a break between the two drugs that have the potential for interaction, and if necessary add supporting therapy to reduce the effects of the resulting interactions. The follow-up that can be done by Roxy Hasyim Ashari pharmacists to find out about drug-drug interactions that occur is to recommend to the doctor who writes the prescription so that he can provide additional therapy and avoid using them together, especially compounded into one capsule.