

Analisis terapi kardiovaskular berdasarkan resep di apotek Roxy Ciledug = Analysis of cardiovascular therapy based on prescription at Roxy Pharmacy Ciledug

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Abstrak

Penyakit kardiovaskular adalah penyebab utama kematian secara global, merenggut sekitar 17,9 juta jiwa setiap tahunnya. Penyakit kardiovaskular adalah sekelompok penyakit pada jantung dan pembuluh darah, termasuk penyakit jantung koroner, penyakit serebrovaskular, penyakit jantung rematik, dan lain-lain. Berdasarkan Permenkes No. 73 Tahun 2016 tentang Standar Pelayanan Kefarmasian di Apotek, salah satu pelayanan farmasi klinik yang dilakukan adalah pengkajian resep. Tujuan pengkajian resep adalah untuk mencegah kesalahan pengobatan dan menganalisis masalah terkait obat. Kegiatan pengkajian resep meliputi administrasi, kesesuaian farmasetik dan pertimbangan klinis. Berdasarkan latar belakang tersebut, dilakukan identifikasi salah satu resep terapi kardiovaskular yang masuk di Apotek Roxy Ciledug pada bulan Maret 2023. Metode yang dilakukan dengan mengobservasi resep di bulan Maret 2023, kemudian dipilih satu sampel resep yang akan ditelaah lebih lanjut. Lalu, dilakukan analisa resep berdasarkan telaah aspek administratif, farmasetik, dan klinis. Berdasarkan analisa sampel resep yang masuk di Roxy Ciledug pada bulan Maret dapat disimpulkan bahwa kajian administratif dan farmasetika resep belum lengkap. Berdasarkan kajian klinis semua obat tepat indikasi dan dosis, dan aturan pakai. Penggunaan obat herbesser dan atorvastatin perlu diperhatikan karena adanya interaksi yang dapat meningkatkan risiko rabdomiolisis, sehingga penggunaan keduanya harus diberi jeda dan dipantau efek samping yang mungkin timbul. Penggunaan bersamaan Clopidogrel dan Esomeprazole dapat menyebabkan penurunan konsentrasi plasma dari metabolit aktif clopidogrel dan penurunan aktivitas antiplatelet. Interaksi keduanya dapat dicegah dengan menjeda waktu pemberian.

.....Cardiovascular disease is the leading cause of death globally, claiming an estimated 17.9 million lives each year. Cardiovascular disease is a group of diseases of the heart and blood vessels, including coronary heart disease, cerebrovascular disease, rheumatic heart disease, and others. Based on Permenkes No. 73 of 2016 concerning Pharmaceutical Service Standards in Pharmacies, one of the clinical pharmacy services carried out is prescription review. The purpose of prescription reviews is to prevent medication errors and analyze drug-related problems. Prescription review activities include administration, pharmaceutical suitability and clinical considerations. Based on this background, identification of one of the cardiovascular therapy prescriptions entered at the Roxy Ciledug Pharmacy was carried out in March 2023. The method was carried out by observing prescriptions in March 2023, then selecting a sample recipe to be studied further. Then, prescription analysis was carried out based on administrative, pharmaceutical, and clinical aspects. Based on an analysis of prescription samples that entered Roxy Ciledug in March, it can be concluded that the administrative and pharmaceutical prescription studies were incomplete. Based on clinical aspects, all drugs have the right indications and dosages, and the rules for use. It is necessary to pay attention to the use of the drugs Herbesser and atorvastatin because there are interactions that can increase the risk of rhabdomyolysis, so the use of both of them must be paused and monitored for side effects that may arise. The interaction between clopidogrel and esomeprazole can lead to a decrease in the plasma

concentration of the active metabolite of clopidogrel and a decrease in its antiplatelet activity. The interaction between the two can be prevented by delaying the time of administration.