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Skripsi, Februari 2025  
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**EVALUASI KETEPATAN PEMILIHAN OBAT DAN DOSIS OBAT PADA  
IBU HAMIL DENGAN HIPERTENSI DI RUMAH SAKIT ISLAM  
MUHAMMADIYAH KENDAL (FEBRUARI-DESEMBER 2024)**

**ABSTRAK**

**Latar belakang:** Hipertensi dalam kehamilan merupakan komplikasi yang berkontribusi terhadap morbiditas dan mortalitas ibu serta janin. Penelitian ini bertujuan mengevaluasi ketepatan pemilihan obat dan dosis obat antihipertensi pada ibu hamil dengan hipertensi di Rumah Sakit Islam Muhammadiyah Kendal.

**Metode:** Penelitian ini menggunakan metode non-eksperimental dengan pendekatan *retrospektif* berdasarkan rekam medik pasien periode Februari-Desember 2024. Sampel penelitian sebanyak 75 pasien yang memenuhi kriteria inklusi dan eksklusi. Evaluasi dilakukan dengan membandingkan kesesuaian pemilihan obat dan dosis dengan pedoman *Joint National Committee VII* (JNC VII) dan *American College of Obstetricians and Gynecologists* (ACOG).

**Hasil:** Penelitian menunjukkan adanya variasi dalam ketepatan pemilihan obat dan dosis yang digunakan. Ketepatan pemilihan obat dinilai berdasarkan efektivitas dan keamanan terhadap ibu dan janin, sedangkan ketepatan dosis dievaluasi berdasarkan rentang dosis terapi yang telah ditentukan. Analisis univariat dan bivariat digunakan untuk menilai hubungan antara ketepatan terapi dengan outcome klinis berupa xesehat tekanan darah.

**Simpulan:** Penelitian ini diharapkan dapat memberikan informasi bagi tenaga medis untuk meningkatkan rasionalitas penggunaan obat antihipertensi pada ibu hamil, guna meminimalkan risiko komplikasi dan meningkatkan kualitas layanan kesehatan.

**Kata Kunci:** antihipertensi, kehamilan, ketepatan

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Final Project, February 2025  
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**EVALUATION OF DRUG ACCURACY AND DRUG DOSAGE IN  
PREGNANT WOMEN WITH HYPERTENSION AT MUHAMMADIYAH  
KENDAL ISLAMIC HOSPITAL (FEBRUARY-DECEMBER 2024)**

**ABSTRACT**

**Background:** Hypertension in pregnancy is a complication that contributes to maternal and fetal morbidity and mortality. This study evaluated the accuracy of drug selection and dosage of antihypertensive drugs in pregnant women with hypertension at the Muhammadiyah Islamic Hospital Kendal.

**Methods:** This study uses a non-experimental method with a retrospective approach based on the patient's medical records for the period February-December 2024. The research sample was 75 patients who met the inclusion and exclusion criteria. The evaluation was carried out by comparing the suitability of drug selection and dosage with the guidelines of the Joint National Committee VII (JNC VII) and the American College of Obstetricians and Gynecologists (ACOG).

**Results:** The study showed that there was a variation in the accuracy of drug selection and the dose used. The accuracy of drug selection is assessed based on effectiveness and safety for the mother and fetus, while the accuracy of dosage is evaluated based on a predetermined therapeutic dose range. Univariate and bivariate analyses were used to assess the relationship between the appropriateness of therapy and clinical outcomes in the form of blood pressure control.

**Conclusion:** This study is expected to provide information for medical personnel to improve the rationality of the use of antihypertensive drugs in pregnant women, in order to minimize the risk of complications and improve the quality of health services.

**Keywords:** antihypertensive, pregnancy, precision