

## ABSTRACT

### THE RELATIONSHIP BETWEEN THE RATIONALITY OF ANTIHYPERTENSIVE THERAPY AND BLOOD PRESSURE IN PREGNANT WOMEN WITH HYPERTENSION AT DR. H. ABDUL MOELOEK REGIONAL HOSPITAL, LAMPUNG PROVINCE, FOR THE PERIOD AUGUST 2023 - JULY 2024

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**Background:** In Indonesia, hypertension during pregnancy is one of the leading causes of maternal mortality. The prevalence of this condition is likely to increase further if it is not treated rationally. This study aims to evaluate the use of antihypertensive drugs and to determine the relationship between the rationality of antihypertensive therapy and blood pressure.

**Method:** The study employed an observational analytic method with a cross-sectional design. The study subjects consisted of 150 medical records selected using purposive sampling. Data was obtained from the medical records of pregnant women with hypertension at the Inpatient Unit of Dr. H. Abdul Moeloek Regional Hospital, Lampung Province, for the period of August 2023 – July 2024. The evaluation was based on the Queensland Clinical Guidelines of 2021. The statistical test used in this study is the Chi-Square test.

**Results:** The rational administration of antihypertensive therapy was observed in 149 patients (99.33%), while 1 patient (0.67%) received irrational therapy. Correct indication 150 patients (100%), correct dosage in 150 patients (100%), correct medication 149 patients (99.33%), and correct administration method 150 patients (100%). There is a relationship between the rationality of antihypertensive therapy and the achievement of target blood pressure (p-value: 0.047).

**Conclusion:** There is a significant relationship between the rationality of antihypertensive therapy and blood pressure in pregnant women with hypertension at Dr. H. Abdul Moeloek Regional Hospital, Lampung Province, for the period of August 2023 – July 2024.

**Keyword:** Rationality of therapy, Hypertension in pregnancy, Antihypertensive therapy in pregnancy

## ABSTRAK

### HUBUNGAN RASIONALITAS TERAPI ANTIHIPERTENSI DENGAN TEKANAN DARAH PADA IBU HAMIL DENGAN HIPERTENSI DI RSUD Dr. H. ABDUL MOELOEK PROVINSI LAMPUNG PERIODE AGUSTUS 2023 - JULI 2024

Oleh

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**Latar belakang :** Di Indonesia hipertensi dalam kehamilan menjadi penyebab paling banyak dalam angka kematian ibu. Tingginya kasus ini akan semakin meningkat apabila tidak mendapatkan pengobatan secara rasional. Penelitian ini bertujuan mengevaluasi penggunaan obat antihipertensi dan mengetahui hubungan antara rasionalitas terapi antihipertensi dengan tekanan darah

**Metode :** Penelitian menggunakan metode observasional analitik dengan studi *cross sectional*. Subjek penelitian terdiri dari 150 rekam medis dengan teknik *puposive sampling*. Data diambil dari rekam medis pasien ibu hamil dengan hipertensi di Instalasi Rawat Inap RSUD Dr. H. Abdul Moeloek Provinsi Lampung periode Agustus 2023 – Juli 2024. Evaluasi dikaji berdasarkan pedoman *Queensland Clinical Guidelines* tahun 2021. Uji Statistik yang dilakukan pada penelitian ini menggunakan uji *Chi-Square*

**Hasil :** Gambaran pemberian antihipertensi secara rasional didapatkan 149 pasien (99,33%) dan 1 pasien (0,67%) tidak rasional. Tepat indikasi 150 pasien (100%), tepat dosis 150 (100%), tepat obat 149 pasien (99,33%), dan tepat cara pemberian 150 pasien (100%). Terdapat hubungan rasionalitas terapi antihipertensi dengan ketercapaian target tekanan darah (*p value* : 0,047)

**Kesimpulan :** Terdapat hubungan yang signifikan antara rasionalitas terapi antihipertensi dengan tekanan darah pada pasien ibu hamil dengan hipertensi di Instalasi Rawat Inap RSUD Dr. H. Abdul Moeloek Provinsi Lampung periode Agustus 2023 – Juli 2024.

**Kata kunci :** Rasionalitas terapi, Hipertensi dalam kehamilan, Terapi Antihipertensi dalam Kehamilan