

INTISARI

PREMASANTI, A., 2019, STUDI INTERAKSI OBAT PADA PASIEN HIPERTENSI GERIATRI DI INSTALASI RAWAT INAP RSUD KARANGANYAR TAHUN 2018, SKRIPSI, FAKULTAS FARMASI, UNIVERSITAS SETIA BUDI, SURAKARTA.

Hipertensi merupakan masalah kesehatan di Karanganyar dengan prevalensi yang terus meningkat. Hipertensi usia lanjut menyebabkan rentan mengalami masalah terkait penggunaan obat yang dapat memperberat efek samping, menurunkan efektifitas pengobatan serta timbulnya interaksi obat. Penelitian ini bertujuan untuk mengetahui kejadian interaksi obat pada pasien hipertensi geriatri di Instalasi Rawat Inap RSUD Karanganyar tahun 2018.

Penelitian deskriptif retrospektif dengan metode *quota sampling* dan rancangan penelitian *cross-sectional*. Sampel penelitian ini adalah semua pasien hipertensi geriatri dengan atau tanpa penyakit penyerta, usia ≥ 60 tahun, dan menerima lebih dari 2 obat di Instalasi Rawat Inap RSUD Karanganyar tahun 2018.

Hasil penelitian menunjukkan bahwa Interaksi obat ditemukan pada 104 pasien (86,7%) dengan total 350 kejadian interaksi obat. Berdasarkan tingkat keparahannya 25 kasus (7,1%) interaksi bersifat *mayor*, 237 (67,7%) bersifat *moderate*, dan 88 (25,1%) bersifat *minor*. Interaksi berdasarkan mekanismenya ditemukan 140 kasus (40%) dengan mekanisme farmakokinetik dan 210 kasus (60%) dengan mekanisme farmakodinamik.

Kata kunci: Interaksi obat, Geriatri, Hipertensi, RSUD Karanganyar.

ABSTRACT

PREMASANTI, A., 2019, DRUG INTERACTION STUDIES IN GERIATRIC HYPERTENSION INPATIENTS AT KARANGANYAR REGIONAL PUBLIC HOSPITAL IN 2018, THESIS, FACULTY OF PHARMACY, SETIA BUDI UNIVERSITY, SURAKARTA.

High prevalence of hypertension in Karanganyar causes serious health problems. Hypertension treatment in elderly patients cause drug use problems that can reduce effectiveness, increase side effects and drug interaction. The objective of this study was to identify drug interaction problems in elderly patients at Karanganyar Regional Public Hospital in 2018.

A retrospective descriptive study was conducted in geriatric hypertensive patients with quota sampling method and cross-sectional study design. Samples of this study were all the geriatric hypertensive patients with or without comorbidities, age ≥ 60 years old, and prescribed more than 2 drugs at Inpatient Care Unit Karanganyar Hospital in 2018. Drug interactions were analyze with *Lexicomp Reference-Drug Interaction Checker*.

The results showed that drug interactions were found in 104 patients (86.7%) with a total of 350 occurrences of drug interactions. Based on the severity of the cases, 25 cases (7.1%) were major interactions, 237 cases (67.7%) were moderate, and 88 cases (25.1%) were minor. The interaction based on the mechanism found 140 cases (40%) with the pharmacokinetic mechanism and 210 cases (60%) with the pharmacodynamic mechanism.

Key word: Drug interaction, Geriatric, Hypertension, Karanganyar Regional Public Hospital