

ABSTRACT

EVALUATION OF THE USE OF ANTIHYPERTENSION DRUGS IN CHRONIC KIDNEY DISEASE PATIENTS OUTPATIENT HEMODIALYSIS AT SILOAM HOSPITAL SURABAYA (Study conducted at Siloam Hospital Surabaya)

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Complications of hypertension accompanied by CKD cause damage to blood vessels thereby reducing the ability of the kidneys to filter blood properly. The purpose of this study was to determine the profile of the use of antihypertensive drugs in CKD patients outpatient hemodialysis at Siloam Hospital Surabaya, and evaluate the dose adjustment and the right patient based on the Merative Micromedex literature. The method used is descriptive observation and retrospective of data by medical records from May-December 2022 for total of 33 patients. The results based on patient demographics were mostly male, 23 patients (69.69%) and patient ages ranging from 46-55 years, 15 patients (34%). The highest is stage 5, was 30 patients (90.91%). The most common drug group was the CCB group with 24 frequencies (30%). The most type of single drug/combination, namely the combination of 2 frequencies, was 10 (30.30%). The highest doses and rules for use were the use of Candesartan 16 mg with 12 frequencies (15%). The most common co-diagnoses of CKD patients were Anemia and Diabetes Mellitus, each with 3 patients (9.09%). The results of the evaluation in this study were the use of antihypertensive drugs in CKD patients hemodialysis, the results were 96.25% correct for the patient and 3.75% incorrect for the patient, and 100% for the correct dose.

Keywords: Chronic Kidney Disease, Hypertension, Antihypertensive Drugs