STUDY OF DRUG-SELECTION PROBLEM IN HOSPITALIZED ASTHMA BRONCHIALE PATIENT IN ADI HUSADA UNDAAN WETAN HOSPITAL

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ABSTRACT

Asthma is one of the major health problems in the world. According to data from WHO, at 15 million people experience DALYs annually due to asthma, representing 1% of the total disease burden global. SKRT also states that asthma including 10 major causes of morbidity and mortality in Indonesia. The inappropriate use of prescription drugs in asthma may cause unnecessary adverse drug reactions that can lead to subtle deterioration of function or precipitate medical crises resulting in hospitalization or death. Pharmacists play a role in pharmaceutical care which can be an appropriate strategy to prevent and control morbidity and mortality caused DRPs (drug-related problems), functions to improve pharmacotherapy outcomes and quality of life of patients asthma. To know drug-selection problems of drug used in hospitalized asthma bronchiale patient. Samples were collected using retrospective methods. In this study, data were collected from medical record, and evaluated according to some literature. Patients involved in this study were 60 patients. The total number of the problems were 259 cases, with the largest number of contraindicated drugs with a total of 48,26%. Drug group causing most the problems was B2 agonist. The outcomes were resulting in no further morbidity 98,07%, and occurrence new medical problems 1,93%. This study demonstrates that the drug-selection problems common among asthma patients. In the role of pharmacists in pharmaceutical care in monitoring treatment of patients on a regular basis and analyze the occurrence of drug-selection problems to obtain optimal results.

Key words : asthma, drug-selection problems