

ABSTRACT

PROFILE OF THE USE OF BRONCHODILATOR THERAPY IN ASTHMA PATIENTS AT THE LUNG POLY AT MITRA KELUARGA WARU HOSPITAL

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Asthma is a chronic disease of the respiratory tract characterized by shortness of breath due to inflammation and narrowing of the airways. Asthma is still a public health problem in almost all countries in the world, which mostly affects children to adults with degrees of disease from mild to severe, and some cases can even cause death. The research design used a retrospective non-experimental descriptive analysis by taking a sample for the period July-September 2022. Based on the 130 data studied, it was found that the majority of asthma patients were female, namely 67 people (51.5%). The highest cases of asthma occurred in the elderly aged 46-65 years, namely 52 patients (40%). The most widely used bronchodilator group was the β_2 agonist group with 151 drug items (90.4%). The most widely used type of bronchodilator was formoterol 4.5 mcg with 48 drug items (28.6%), the most widely used dosage form was tablet preparation with 102 drug items (60.8%). The rule of use that is often prescribed by doctors is 3 x 1, namely 75 drug items (44.6%)

Keywords: Asthma, Bronchodilator, chronic disease, β_2 agonist