ABSTRACT

ORAL ANTI DIABETIC MELITUS MEDICATION PRESCRIBING PROFILE AT ADI HUSADA HOSPITAL INTERNAL DISEASE POLY KAPASARI SURABAYA

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Diabetes mellitus (DM) is a group of chronic metabolic disorders caused by abnormalities in carbohydrate, fat and protein metabolism characterized by hyperglycemia which results in long-term microvascular, macrovascular and neuropathic complications. According to Riskesdas (2018), the prevalence of diabetes mellitus cases in Indonesia according to doctor's diagnosis in the population aged ≥ 15 years is 2%. This figure shows an increase compared to 2013 with a prevalence of 1.5%. The study at Adi Husada Kapasari Surabaya Hospital aims to identify the prescription profile of diabetes mellitus medication in hospitalized patients, including patient demographics (age and gender of medications) and pharmacological therapy (drug names, classes, dosages, usage instructions, types of prescriptions). This descriptive observational retrospective study uses purposive sampling from patient medication prescriptions in April 2024. Metformin 500mg was the most frequently prescribed medication (29%), with the sulfonylurea class being the most used (42%). The most commonly prescribed signa 1x1 (71%). Combination prescribtions were predominant (80%) compared to single prescribtions (20%). Further research is recommended to evaluate the effectiveness of various other diabetes mellitus medication to determinate the most effective therapy.

Keywords: Diabetes mellitus, internal medicine clinic, prescription profile.