

ABSTRACT

PROFILE OF ANTI-DIABETIC ORAL PRESCRIPTION IN TYPE II DIABETES MELLITUS PATIENTS OUTPUT AT THE ALBA MEDIKA CLINICSURABAYA JANUARY – JULY 2021

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Diabetes mellitus is a chronic disease that occurs when the body cannot use insulin effectively, causing an increase in blood glucose levels. Alba Medika Clinic Surabaya as a health service is expected to provide optimal amounts of medicine so that the patient's need for medicine is fulfilled in order to achieve optimal treatment therapy.

This study was conducted with the aim of knowing the profile of antidiabetic oral drug prescribing in patients with type II diabetes mellitus which includes drug class, drug name, drug dose, instructions for use, method of use, type of therapy (single and combination). sampling, namely the total prescription for the period January - July 2021 where this research was observed for 3 months (January 2022 - March 2022) at the Alba Medika Clinic, Surabaya.

The results of the study during the period January 2021 - July 2021 obtained 35 prescriptions for diagnosis of type II diabetes mellitus. Gender on the prescription for the diagnosis of type II diabetes mellitus was found to be more male than female. In this study, it is known that there are 2 classes and the names of oral antidiabetic drugs that are often prescribed are the sulfonylurea group with the drug name Glimpiride and the Biguanid group with the drug name Metformin. The results of the study for the period January – July 2021 regarding the Antidiabetic Drug Prescribing Profile in Type II diabetes mellitus outpatients at the Alba Medika Clinic which includes (drug class, drug name, drug dose, rules of use, method of use and type of therapy) The drug prescribed is Sulfonylurea with the drug name Glimpiride dose of 2 mg with the rules of use 1 x 1 tablet taken 15 minutes before meals. The most common type of therapy is combination therapy, namely Metformin and Glimpiride.

Keywords: Type II Diabetes Mellitus, Dosage, Prescription