

ABSTRACT

COMPLIANCE IN TAKING MEDICINE ORAL ANTIDIABETES MEDICATIONS IN TYPE 2 DIABETES MELLITUS PATIENTS AT PENELEH HEALTH CENTER SURABAYA USING THE PILL COUNT METHOD

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Diabetes mellitus is a metabolic disease that arises due to symptoms with an increase in blood sugar levels above normal values. This disease can be caused by impaired blood glucose metabolism which results in insulin deficiency. This study aims to determine compliance with taking oral anti-diabetic medication by calculating the remaining medication or the pill count method which is based on the dosage and rules for using the medication when the patient returns to control. This study used descriptive cross-sectional observational research with prospective data collection. The data taken were from all type 2 diabetes mellitus patients from the period January – February 2024 at the Peneleh Surabaya Health Center who met the inclusion criteria, using accidental sampling techniques. The instruments used are e-prescriptions, e-medical records, and data collection sheets. The results showed that in this study 35 patients met the inclusion criteria, with a percentage of 60% adherence and non-adherence 40%. This shows that the percentage of patients who adhere to taking medication is greater than the percentage of patients who do not comply with taking medication.

Keywords : *Diabetes Mellitus, Adherence, Pill Count*