

## **ABSTRACT**

### **MEDICATION ADHERENCE PROFILE IN TYPE 2 DIABETES MELLITUS PATIENTS AT SIDOTOPO WETAN HEALTH CENTER, SURABAYA**

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Compliance is very important in medication because affect the therapy result. The purpose of this study was to identify data including gender, age, education, work status, diagnosis, duration of diagnosis, types of oral antidiabetic drugs and evaluate medication adherence in type 2 DM patients. The research used MARS-10 (*Medication Adherence Report Scale-10*) MARS-10 (*Medication Adherence Report Scale-10*) method from January to March 2024 with the total of 48 respondents of type 2 DM outpatient. The patient's compliance value influences the results of the patient's plasma glucose levels. It is proven that the patient's plasma glucose results that meet the therapy target in the range of 80 - 130 have increased during the *posttest*, namely reaching 46% in the control group and in the intervention group there has been an increase of up to 50%. The result of this study is Age, duration of diabetes and types of oral antidiabetic drugs are not related to adherence to take drugs in patients with type 2 diabetes mellitus. The conclusion of this study is there is a relationship between gender, and work status at patients with type 2 diabetes mellitus.

Keywords : type-2 diabetes mellitus, adherence, risk factor, outpatient