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Patient Compliance of Type 2 Diabetes Mellitus Medication at General Hospital in Maros South Sulawesi

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Abstract

Background: Patient compliance is an important factor to achieve treatment outcomes, especially for long term medication such as in diabetes mellitus. **Objective:** The purpose of This study is to provide an overview of patient compliance at general hospital in Maros South Sulawesi. **Materials and Methods:** Thirty participants who meet criteria were enrolled in this study. Data were obtained prospectively. Participants were interviewed using MMAS-8 (Morisky Medication Adherence Scale-8) questionnaire. **Results:** The results showed that Low level compliance were 30%, Moderate 43,3%, and high 23,67%. Age and duration of Diabetes Mellitus Type 2 were given significant result between compliance level ($p<0,05$). Other factors like Gender, Education level, Occupation, Diet status, Activity, comorbidity, and drug regimen were no influence in compliance ($p>0,05$)
 Conclusion: The majority compliance among participant were moderate (43,3%). Age and Duration of DMT2 were the factor influenced in compliance.

Key words: Compliance, Diabetes Mellitus type 2, MMAS-8