

**MMAS-8 SCORE ASSESSMENT OF THERAPY ADHERENCE TO GLYCEMIC CONTROL OF PATIENTS WITH TYPE 2 DIABETES MELLITUS, TANJUNG PURWOKERTO, JAVA, INDONESIA (OCTOBER 2018)**

<b>Publons ID</b>	(not set)
<b>Wos ID</b>	WOS:000745280800001
<b>Doi</b>	
<b>Title</b>	MMAS-8 SCORE ASSESSMENT OF THERAPY ADHERENCE TO GLYCEMIC CONTROL OF PATIENTS WITH TYPE 2 DIABETES MELLITUS, TANJUNG PURWOKERTO, JAVA, INDONESIA (OCTOBER 2018)
<b>First Author</b>	
<b>Last Author</b>	
<b>Authors</b>	Gumilas, NSA; Harini, IM; Samodro, P; Ernawati, DA;
<b>Publish Date</b>	JUN 2021
<b>Journal Name</b>	SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH
<b>Citation</b>	1
<b>Abstract</b>	Diabetes mellitus (DM) type 2, a metabolic disease caused by insulin resistance, remains a global health problem. Glycated hemoglobin (HbA1c) level is used to evaluate diabetes therapy, and a variety of factors influence HbA1c level, one of which is therapy adherence. A cross-sectional study of type 2 diabetes mellitus (DM2) patients (n = 92) at the Primary Health Facility, Tanjung Purwokerto, Indonesia was conducted to evaluate HbA1c levels and therapy adherence using an Indonesian language 8-item Morisky Medication Adherence Scale (MMAS-8) questionnaire. No single socio-demographic characteristic, (certain) co-morbidity or vitamins/iron supplementation was significantly associated with either of the two parameters. Correlations were observed between treatment adherence and age (r = 0.221, p-value = 0.034), and between therapy adherence and HbA1c levels (r = -0.221, p-value = 0.035). Construction of a receiver operating characteristic curve demonstrated that MMAS-8 score was not a reliable predictor of therapy adherence (area under curve = 0.58, 95% confidence interval (CI): 0.46-0.70), using HbA1c level <7% as the reference standard. In conclusion, reliance on MMAS system as the sole predictor of therapy adherence in DM2 patients should be considered with caution.
<b>Publish Type</b>	Journal
<b>Publish Year</b>	2021
<b>Page Begin</b>	359
<b>Page End</b>	370
<b>Issn</b>	0125-1562
<b>Eissn</b>	
<b>Url</b>	<a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000745280800001">https://www.webofscience.com/wos/woscc/full-record/WOS:000745280800001</a>
<b>Author</b>	Dr dr NUR SIGNA AINI GUMILAS, S.Ked, M.Biotek.