

## **ABSTRACT**

**THE CORRELATION OF KNOWLEDGE AND ATTITUDE ABOUT  
DIET IN DIABETES MELLITUS WITH ENERGY CONSUMPTION LEVEL  
AMONG PATIENTS WITH DIABETES MELLITUS TYPE 2  
IN POLI PENYAKIT DALAM RSUD DR. H. ABDUL MOELOEK  
PROVINSI LAMPUNG, BANDAR LAMPUNG**

By

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The prevalence of Diabetes Mellitus increased every year in the world. Approximately by the year of 2030 Indonesia will occupy the third rank of the world with the prevalence of diabetes mellitus reached 21.3 million people. Meal planning is one of the important management of diabetes to control blood sugar levels. Based on previous research found that incompliance rate is still high on meal planning, it is due to lack of knowledge.

This study aimed to find out is there any correlation between knowledge and attitudes about diet in diabetes with energy consumption levels among patients with diabetes mellitus type 2 in Poli Penyakit Dalam RSUD. dr. H. Abdul

Moeloe Bandar Lampung. This study used analytical methods with cross sectional approach. The amount of sample were 82 respondents which taken by accidental sampling technique.

Result showed that from 82 respondents, 43 respondents (52,4 %) have good knowledge, 55 respondents (67,1 %) have good attitude and 41 respondents (50 %) have low energy consumption levels. Based on data analyzed by chi square analysis with  $\alpha = 0,005$  found that there was no significant relationship between knowledge of Diabetes Mellitus diet with energy consumption levels among patients with diabetes mellitus type 2 (p-value = 0.520). And there was no significant relationship between attitudes about diet Diabetes Mellitus energy consumption levels among patients with diabetes mellitus type 2 (p-value = 0.430).

Key words: knowledge, attitude, energy consumption level.