

## **ABSTRACT**

### **THE CORRELATION BETWEEN OBESITY AND PREDIABETES AMONG THE STUDENT OF LAMPUNG UNIVERSITY 2013**

**By**

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Obesity is a condition in which the person has an excessive amount of body fat. The prevalence of teenager obesity also increases in the last decade. The aim of this research is to find out the correlation between obesity and prediabetes among the students of Lampung University 2013. The research design is descriptive-analytic with cross sectional. The research was done from October until November 2013. The number of this research sample are 108 persons who were taken using consecutive sampling technique then matching with inclusion and exclusion criterion. The result of the research showed that the average of fasting blood glucose level and oral glucose tolerance among students of Lampung University respectively are 86 mg/dl and 113 mg/dl. Percentage of prediabetes among the students of Lampung University 2013 are 17,4%. According to Chi-square test, it can be concluded there was no significant correlation between the obesity and prediabetes among students of Lampung university 2013. In addition, from Chi-square test the result showed that there was a significant difference between gender and prediabetes among students Lampung University 2013. The conclusion of this research is there was no significant correlation between obesity and prediabetes among students of Lampung University 2013 with  $p=0,800$ .

**Key words:** GDP, obesity, prediabetes, TTGO, students.