

Abstract

The association between cigarette smoking and depression among student from Engineering Faculty of Gadjah Mada University

Background: Cigarette smoking can cause depression. However, it could also be argued that cigarette smoking and depression are related in a causal manner, such that either: depression increases the risks of smoking, or smoking increases the risks of depression. Indeed, cigarette smoking may arise or increase as a result of self medication of depressive symptoms

Objective: To find the association between cigarette smoking and depression among students from Engineering Faculty of Gadjah Mada University.

Method: The study design used was cross sectional with descriptive analysis. The subject of this research was the students from Engineering Faculty of Gadjah Mada University. A total of 100 samples were taken using purposive sampling method, in December 2014. The instrument used was personal information, Beck Depression Inventory(BDI) and Karl Fagerstrom Nicotine Tolerance Questionnaire. The data was then analysed using Fisher Exact Test to analyze the relation between cigarette smoking and depression (p value= 0,502, OR : 0.429, CI : 0,088-2,087).

Conclusion: This study has not been unable to demonstrate the association between cigarette smoking and depression among students from Engineering Faculty of Gadjah Mada University.