

**FACULTY OF MEDICINE AND HEALTH SCIENCE
UNIVERSITY OF MUHAMMADIYAH MAKASSAR**
Undergraduate Thesis, 21 February 2021

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“RELATIONSHIP BETWEEN SMOKING HABIT AND BLOOD PRESSURE ON STUDENTS OF UNIVERSITY OF MUHAMMADIYAH MAKASSAR” (vii + 80 Pages + 3 Tables + 3 Pictures + 6 Attachment)

ABSTRACT

Background: Health is a basic needs as health status in the adulthood is commonly determined since adolescence. Smoking us one of risk behaviors with high prevalence in adolescence. Cigarettes contains addictive substances causing addiction both physiologically and psychologically resulting in the decrease of one's mental and quality. In Indonesia, the number of death due to smoking has reached 300,000 per year. Almost 60% of death in this country is caused by non-communicable diseases as a result of smoking habit such as stroke, hypertension, and heart disease. The number of these diseases are increasing.

Objective: To identify the relationship between smoking habit and blood pressure of students of Univerisity of Muhammadiyah Makassar.

Method: This analytic observational study used cross-sectional method. The sample was selected using the total sampling technique. It involved 64 students who met the inclusion and exclusion criteria. The data were collected by measuring the students' blood pressure using tensimeter and distributing questionnaire. The obtained data were then analyzed using the Chi-Square test through Statistical Package for the Social Sciences 23 (SPSS 23).

Results: The results of analysis of the relationship between smoking habit and the number of cigarettes smoked and the length of smoking on the blood pressure of students of University of Muhammadiyah Makassar using the Chi-Square test showed a non-significant relationship with p values of 0.557 and 0.052 respectively.

Conclusion: There is no relationship between smoking habit and blood pressure of students of University of Muhammadiyah Makassar.

Keywords: Smoking; Blood pressure.