

ABSTRACT

THE CORRELATION OF CONSUMING CIGARETTE WITH BLOOD PRESSURE OF THE SOCIETY IN PASARAN ISLAND KOTA KARANG VILLAGE EAST TELUK BETUNG SUB-DISTRICT BANDAR LAMPUNG

By

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Cigarette kills more than 5 million people each year, and projected will kill 10 million people by 2020. From that number, 70 % of victims come from developing country. The consumption level of cigarette in Pasaran Island is high because majority of the society work as fisherman dan do their activities at night, it makes them consume more cigarettes to against the cold weather. The cigarettes that are smoked can cause vasoconstriction of the perifer blood vessel and the vessel in the kidney that cause the increasing of blood pressure. The purpose of this research is to know the correlation of consuming cigarette and blood pressure of the society in Pasaran island Kota Karang village East Teluk Betung sub district Bandar Lampung.

This research is an analitic research with cross sectional study design, that is to find out the correlation of consuming level of cigarette with the blood pressure of the society in Pasaran island Kota Karang village East Teluk Betung sub district Bandar Lampung on November until December 2013. The sample of the research is the smoker of cigarette in Pasaran island as many as 115 people. The data is obtained by filling the questionnaire and measure the blood pressure by using spygnomanometer. The data is analysed by using Chi-square test but if the requirement can't be completed, the researcher will use Fisher test.

The result of the research shows that the amount of low-frequency smoker is as many as 19 people, the medium-frequency smoker as many as 32 people and the high-frequency smoker as many as 64 people with the total amount 115 people. The low-frequency smoker who have normal blood pressure as many as 14 people and pre hypertension as many as 5 people. The medium-frequency who have normal blood pressure as many as 9 people, pre hypertension as many as 18 people and hypertension degree 1 as many as 5 people. The high-requency smoker who have pre- hypertension as many as 39 people, hypertension degree 1 as many as 21 people and hypertension degree 2 as many as 4 people. In Fisher test, it shows that $p < 0.05$. This number can be interpreted that statistically there is correlation between consuming cigarette and blood pressure.

Key words : Blood pressure, cigarette, smoker.