

ABSTRACT

THE CORRELATION BETWEEN FIBRE INSUFFICIENCY TO THE CASE OF APPENDICITIS IN BANDAR LAMPUNG

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Appendicitis is an inflammation of appendix vermiformis. Appendicitis, known as the cause of the most frequently found acute abdominal pain, needs immediate major surgery in order to prevent generally dangerous complication. The case of occurred appendicitis cannot be separated to unhealthy habitual diet with insufficient amount of fibre that leads to an appendiceal functional blockage and increases the germ growth, in which results inflammation of the appendix.

This research was an observational analytical research with cross sectional approach to 41 samples of appendicitis respondent and 41 non-appendicitis respondents taken by consecutive sampling technique. The research was conducted in Abdoel Moeloek Regional Public Hospital, Health Department of Army Bandar Lampung Hospital, Pertamina Bintang Amin Hospital, and Dr. A. Dadi Tjokrodipo Regional Public Hospital.

The result of the research was analyzed by chi square with $\alpha = 0,05$. It was shown from the result that most of appendicitis respondents were insufficient in fibre (32%) and 18% of the appendicitis respondent were sufficient in fibre. Furthermore, 21% of non-appendicitis respondent were found insufficient in fibre and 29% of the respondents were sufficient in fibre where the chi square test resulted 0.047. In conclusion, there was a correlation between fibre insufficiency to the case of appendicitis in Bandar Lampung.

Key words: appendicitis, fibre insufficiency