

**ASSOCIATION OF HUSBAND'S KNOWLEDGE AND WIFE'S SUPPORT  
WITH THE USE OF LONG-ACTING MALE CONTRACEPTIVE  
IN PEMATANGSIANTAR, NORTH SUMATERA**

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**ABSTRACT**

**Background:** Family planning programs are very important for population control. According to the Indonesian Health Profile Data in 2016, as many as 8,283,186 (17.06%) of all 48,536,690 couples of reproductive age (PUS) in Indonesia, used long acting-male contraceptive method. Out of these users, only 0.25% chose vasectomy. From these data MOP contraceptive method is the least used contraceptive method. This study aimed to analyzed association of husband's knowledge and wife's support with the use of long-acting male contraceptive in Pematangsiantar, North Sumatera.

**Subjects and Method:** This was a cross sectional study conducted in Siantar, Pematangsiantar, North Sumatera. A sample of 94 couples in reproductive age was selected for this study. The dependent variable was the use of long-acting male contraceptive. The independent variables were husband's knowledge and wife's support. The data were collected by questionnaire and analyzed by a multiple logistic regression.

**Results:** The decision to adopt long-acting male contraceptive was positively associated with husband's knowledge ( $p = 0.007$ ) and wife's support ( $p = 0.029$ ).

**Conclusion:** The decision to adopt long-acting male contraceptive is determined by husband's knowledge and wife's support.

**Keywords:** long-acting male contraceptive, support, knowledge, couple of productive age

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