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**THE RELATIONSHIP OF CIGARETTE CONSUMPTION WITH SLEEP  
PATTERN INTERFERENCE IN STIKES 'AISYIYAH SURAKARTA**

**ABSTRACT**

**Introduction:** World Health Organization (WHO), in 2015 Indonesia ranked third after China and India as the largest smoker country in the world with the number of active smokers reached 64.1 million. The prevalence of smokers aged 15 years and over in Indonesia is 34.5% with sex prevalence 64.7% in men and 4.5% in women. **Objective:** To know the relationship between cigarette consumption and sleep disorder in STIKES 'Aisyiyah Surakarta. **Method:** Correlational analysis with cross sectional approach, with 151 populations and sample of 70 respondents with purposive sampling technique. **Result:** the majority of light cigarette consumption is 45 respondents (64,3%), whereas the respondents who consume weight are 11 respondents (15,7%), majority of respondent do not experience sleep disorder that is 37 respondent (52,9%) Cigarettes as much as 30 respondents (42,9%) did not experience sleep patterns disorder, respondents who consume heavy cigarettes as much as 1 respondent (1,4%) did not experience sleep patterns disorder. The result of Chi-square statistic test shown that the significant rate obtained was  $p < 0,05$ ,  $p = 0,002$  it shows that there is significant relationship between cigarette consumption with sleep pattern interference.

**Conclusion:** There is a relationship between cigarette consumption with sleep disorder in students at STIKES 'Aisyiyah Surakarta.

**Keywords:** *cigarette consumption, Sleep disorders*