

## ABSTRACT

### THE INFLUENCE OF HEALTH EDUCATION WITH JIGSAW LEARNING MODEL ON INTENTION TO SMOKING AMONG STUDENTS IN SMK PGRI 4 SURABAYA

Quasy Experiment

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#### Introduction :

Health education is one of nursing intervention that aim to change behavior in order to enhance health status. Jigsaw learning model is a cooperative learning method that requires active audience's participation in every discussion stages. This study was aimed to examine the influence of health education about smoking cessation with Jigsaw learning model on intention to smoking among students in SMK PGRI 4 Surabaya.

#### Methods :

This study was a quasy-experiment using pretest-posttest control group design. The population were tenth grade students in SMK PGRI 4 Surabaya, consist of 70 respondents as the treatment group and 70 respondents as control group, that was taken according to the probability sampling cluster sampling. The data were collected by using questionnaire and observation, and then were analyzed by using Wilcoxon sign rank test and Mann Whitney test with level of significance of  $\leq 0.05$ .

#### Result :

The result showed intention to smoke was changed significantly in treatment group ( $p=0.012$ ). In other hand, there was no significant changes in control group ( $p=0.705$ ). The result of Mann Whitney post test showed significantly the difference between treatment group and control group ( $p=0.048$ ).

#### Discussion :

It can be concluded that health education by Jigsaw Learning Model all about cigarettes can influence the smoke intention of students in SMK PGRI 4 Surabaya. So, as the health provider, nurse can use Jigsaw Learning Model in influencing the students effectively when health education was giving.

**Keywords:** health education, intention to smoking, Jigsaw Learning Model