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**Factors Related to Smoking among Male Vocational Students
in an Giang Province, Vietnam**

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Abstract

Smoking in adolescents is also a major public health problem in Vietnam. Most current knowledge on cigarette smoking among adolescents has come from studies completed in other countries, not in Vietnam. Thus, the objectives of this study were to identify the prevalence of smoking and to examine the factors related to smoking.

This study was a correlational study. Data were collected with self-administered questionnaires. The sample of the study was 261 male vocational students in An Giang province, Vietnam. The triadic influence theory (TTI) was used as a conceptual framework. Statistics including frequency, percentage, standard deviation, mean, median, and binary logistic regression were used for data analysis.

The results of the study demonstrated that among Vietnamese male vocational students, 31% of them were current smokers. The average age of first use was 16.7 years old. Factors related to smoking significantly were academic success (OR = 3.41, 95%CI = 1.95-5.97), self-esteem (OR = 1.81, 95%CI = 1.01-3.23), smoking refusal self-efficacy (OR = 76.95, 95%CI = 18.25-324.35), attitude towards smoking (OR = 7.91, 95%CI = 4.20-14.89), cigarette accessibility (OR = 7.29, 95%CI = 2.52-21.05), parent smoking (OR = 1.93, 95%CI = 1.07-3.46), and school attachment (OR = 2.27, 95%CI = 1.31-3.94). The findings will be useful to contribute to the overall understanding and knowledge of smoking among Vietnamese adolescents. Then, the effective interventions could be developed to prevent adolescents from cigarette smoking.

Keywords: Smoking, Vocational students, Male adolescents

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