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제 목	범이론적 모형에 근거한 고등학생의 흡연시작 관련요인 Related Factors of Smoking Initiation in High School Students based on the Transtheoretical Model				
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<p><b>Objective:</b> This study was conducted to investigate the relationship between intention of smoking initiation and its related factors in high school students.</p> <p><b>Methods:</b> Our study subjects were 1,203 high school students resided in one city and one county region. We conducted a self-administered questionnaire survey from June 7 to June 19, 2004. Both decisional balance and temptation inventory showed a high reliability estimates. We provided a well fit to the 12-item decisional balance inventory and the 10-item temptation inventory by using a confirmatory factor analysis. And we used multiple logistic regression analysis to identify major contributing factors to the intention of smoking initiation.</p> <p><b>Results:</b> In univariate analysis, subjects who were female, 2nd and 3rd grade students, students in vocational high school, ex-drinkers or current drinkers, and ex-smokers were found to be significantly more distributed in groups with intention of smoking initiation. Except the concept of cons, group with intention of smoking initiation showed significantly higher standardized T scores of 7 concepts of decisional balance and temptations. In multiple logistic regression analysis female, 2nd and 3rd grade students, students in vocational high school, experience of cigarette smoking, and low T score of cons were significantly related to intention of smoking initiation.</p> <p><b>Conclusions:</b> The intention of smoking initiation in high school students were affected by various factors such as sex, school grade, and experience of smoking. Therefore further researches should be conducted for providing essential data for developing the brief instrument of selecting group with intention of smoking initiation among adolescents.</p>					