

# Abstract

The purpose of this study is to study the currently using condoms among the teenagers who have had sexual intercourse based on the trans-theoretical model. The subjects were students from high schools, colleges and universities in Taiwan totally 10,200 persons. We had valid cases of 9328. Due to this study's goal is discuss the actually using condoms in sexual acts, so we only made analyses on 1132 persons who have had sexual intercourse. We made descriptive analysis, Chi-square tests, T-test, ANOVA, MANOVA, Scheffe's test and Regression analysis according our date. According to the result there is 12.14% of teenagers had sex experience in Taiwan. And boys is higher than girls. The age of first sex experience is between 13 to 17. Teenagers with stable sex partner is about 70.76%, less than 50% of them regularly use condoms. The trans-theoretical model of change of condom-use behavior of teenagers are 24.82% of pre-contemplation stage, 15.11% of contemplation, 11.22% of preparation, 22.53% of action and 26.33% of maintenance. Only less than 50% are using condoms in practice (in both action and maintenance stages).

Compare with teenagers with stable sex partner and without stable sex partner, people who with stable sex partner are more in maintenance stage. But in another case, if they were staying in action stage or maintenance stage, after a while, will still have high rate of people will stay at the same stage. In relativistic salutation, if people stay in the pre-contemplation stage from the beginning, they won't have too much change by time goes by. The most reason for man to use condoms is to contraception and very few for avoid venereal disease. For women to use condoms are consider on both side of birth control and avoid venereal disease. More positive manner of using condom, more self-efficacy will have. More support of using condoms from classmates, more trend to stay in maintenance. After all above, more positive condoms use attitude of using condom, more self-efficacy will have. It have obvious effect of using condoms.

According to this research, decisional balance( consider of benefit and disadvantage of condoms use of oneself) can effect condom use attitude of oneself. When doing sex education intervention teaching, can emphasize both benefit and disadvantage of condoms use. And identify teenagers of using condoms and can use condoms when they have sex. Moreover, in the sex education intervention teaching such as sex education units of in high schools and general education in universities should have the concept of using condom, responsible attitude and communicate skills and behavior of using condoms as teaching context. Also can give the example for discusses, role play, demonstration. In those way, to raise students awareness, from awake in pre-contemplation and teach skills then, let oneself have using condoms ability and willing try to use it and get into preparation at the same time, also give concept of respect to each other when dating. So, when they have sex, can prepare condoms and use it in time to approach to action and maintenance.

**Key words:** Condoms Use, Transtheoretical Model, self-efficacy of Condoms Use