

## ABSTRACT

Direct Woman Sex Worker (Direct-WSW) is a woman who openly offers sex at street legal or illegal prostitution complex or ex legal or illegal prostitution complex, while Indirect Woman Sex Worker (Indirect-WSW) is a woman who operate in concealed as prostitute who works at certain job or has other main job and indirrectly offers sex at places of entertainment as massager or public relation in bar or karaoke. The objective of this study is to know the difference behavior using condom to direct-WSW and indirect-WSW in prevention against HIV in Sidoarjo.

This study is an analytic observational study using survey method and case control approach. The population case (Indirect-WSW) is 20 people and control population (Direct-WSW) is 233 people. Determining the size for sample in hypothesis test using Lameshow formula by ratio 1: 2 is gotten case sample for 20 people by total sampling technique and control sample for 42 people by simple random sampling technique. The variables are characteristic, knowledge, attitude and practice of both sample group. The difference behavior using condom in prevention against HIV from both respondent group is analysed by chi square.

The result of the study shows that both respondent group are having high knowledge of condom usage in preventing HIV in direct-WSW 73,8% and indirect-WSW 65%. The attitude of condom usage in preventing HIV in direct-WSW 85% and indirect-WSW 50% in preventing HIV. The practice of condom usage in preventing HIV in direct-WSW 73% and indirect-WSW 30%.

The conclusion of this study is that there is no different knowledge about condom usage to direct-WSW and indirect-WSW in preventing HIV in Sidoarjo ( $p=0,608$ ) there is different attitude about condom usage to direct-WSW and indirect-WSW in preventing HIV in Sidoarjo ( $p=0,015$ ) and there is different practice about condom usage to direct-WSW and indirect-WSW in preventing HIV in Sidoarjo ( $p=0,001$ ).

The suggestion for further researchers to be able to expand the research sample, add other variable, and expand different research methodology like qualitative experiment. To the official of aids preventing program to be able to cooperate in spreading the information about condom usage and hiv

**Key Words:** Knowledge, Attitude, Practice, Direct-WSW, Iindirect-WSW, Condom Usage Behavior, HIV Prevention