

## CHAPTER V

### PRESENTATION

#### Summary:

I presented the overall view of my thesis on the topic “An Intervention to Reduce Unsafe Sexual Behavior Leading to High Prevalence of HIV Infection among the Commercial Sex Workers through Peer Education Approach”. The presentation was divided into three main parts: An essay, proposal, and data exercise.

I start my presentation with explaining the high prevalence of HIV infection among the commercial sex workers in Cambodia. I show an evidences and reasons which are related with the problem (high prevalence of HIV infection among the commercial sex workers in Cambodia). Then, I narrow down the issue that is involed in my thesis title. I illustrate the strategies how to solve the problem by using the peer education.

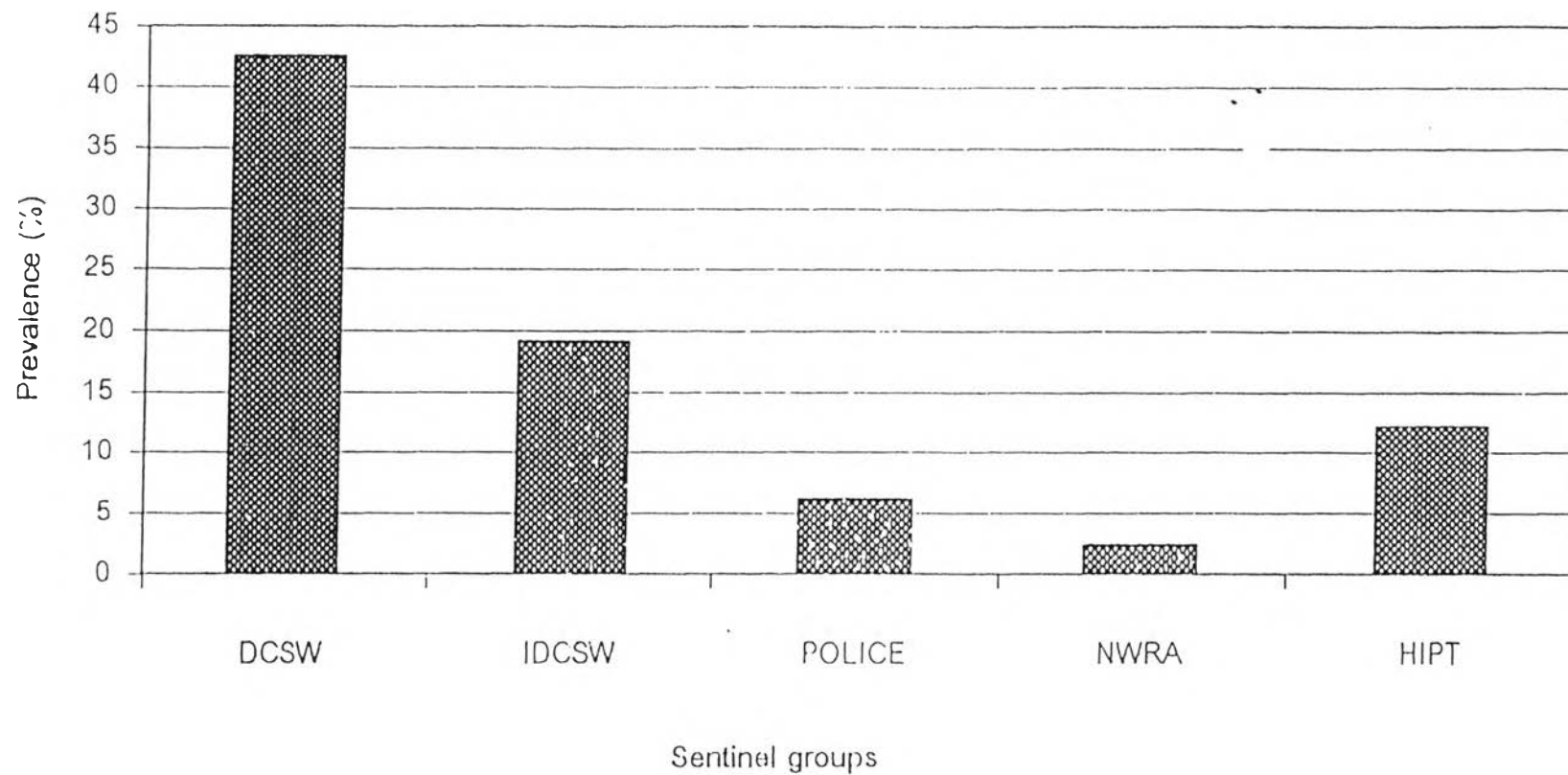
The overhead transparencies were prepared and used for presentation. The contents of the transparencies were mentioned as follows sequentially as shown to the examination committee.

**PROBLEM**

**High Prevalence of HIV Infection among the Commercial Sex Workers in**

**Cambodia**

HIV Seroprevalence among sentinel groups in Cambodia, 1998



Source: National Center for Dermatology, Venereology and HIV/AIDS Control, Ministry of Health, Cambodia

**Thesis title**

An Intervention to Reduce Unsafe Sexual Behavior  
Leading to HIV Infection among the Commercial Sex  
Workers through Peer Education Approach, in  
Tuol Kork, Phnom Penh, Cambodia.

**Definitions:****HIV:**

Human Immunodeficiency Virus that affects the immune system making the body unable to fight infections. (WHO, 1997)

**Commercial Sex Worker (CSW):**

CSW is an individual, man, woman, child who engages in sexual acts for the sole purpose of soliciting payment. (WHO, 1997).

### Definition

#### Peer Education:

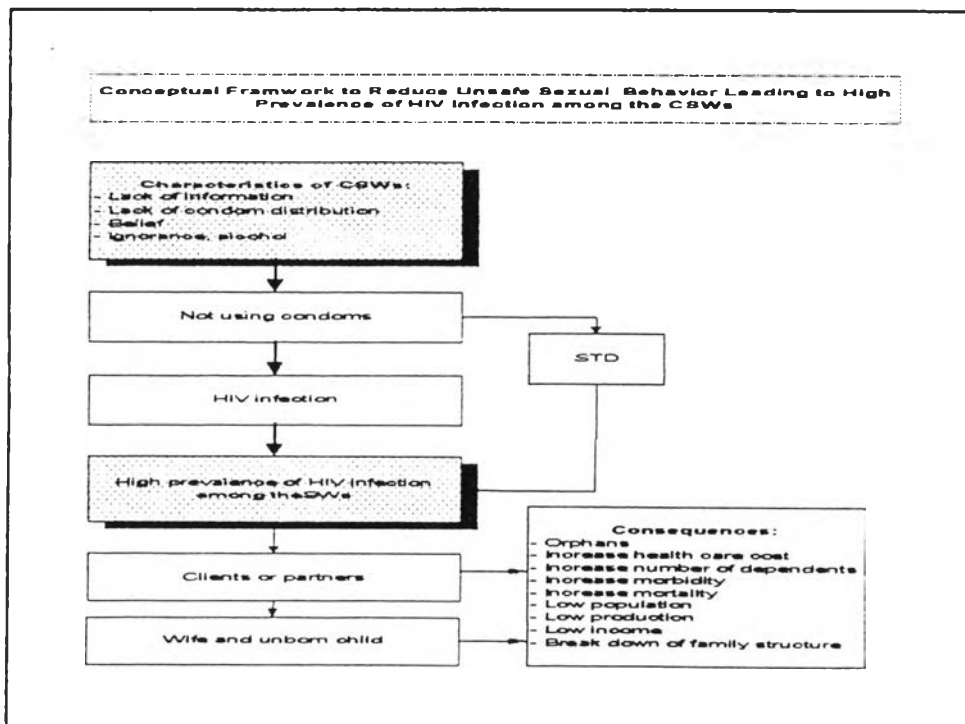
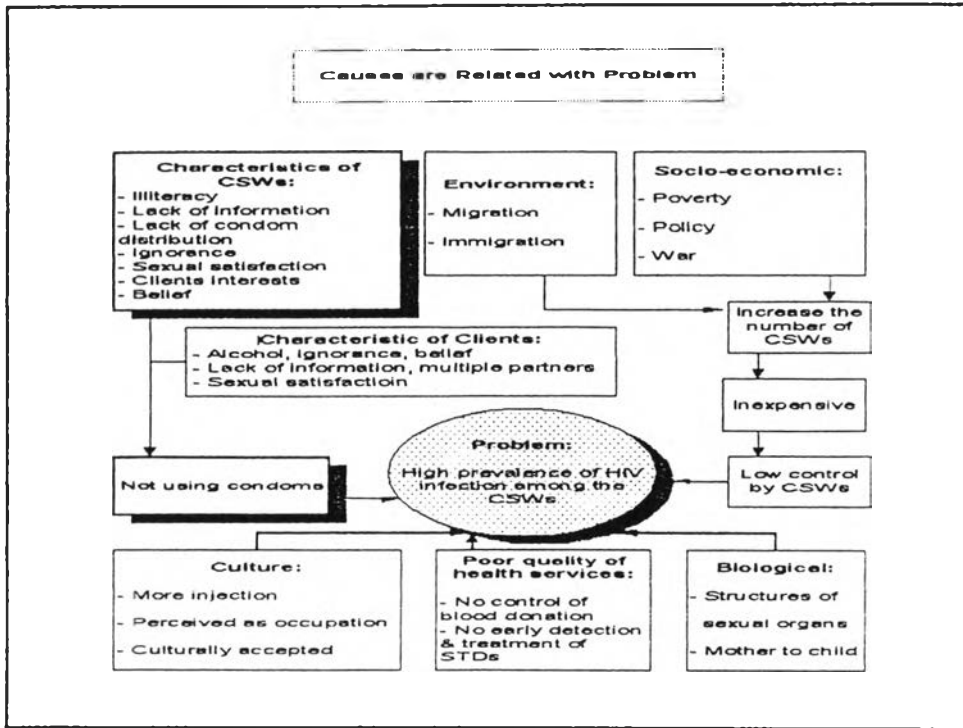
Involves services by individuals who are recruited from a target population. People are more likely to adopt new behavior, if they are introduced by someone who is similar to them and is perceived to be a role-model. (Coates and Fienblatt, 1990).

### HIV/AIDS is a problem



Estimated number of adults and children, end of 1998:

- \* adults and children living with HIV: 152,221
  - \* Cumulative number of AIDS cases among adults and children:  
- 18,612
  - \* Cumulative number of deaths due to AIDS among adults and  
- children: 15,118
  - \* Deaths in 1998: 6,689
  - \* Cumulative number of orphans: 5,505
  - \* Prevalence of HIV infection among adults 15-49 years old: 2.8 %
- (Source: Report on Sentinel Surveillance in Cambodia, 1998).



### **Possible Solutions:**

- ✦ School education
- ✦ Public education
- ✦ Commercial sex workers education

### **Selection for Intervention**

#### **Commercial sex worker education:**

- ☆ Commercial sex workers are like a reservoir of HIV.  
They spread HIV to their clients
- ☆ Commercial sex workers are at high risk
- ☆ Source of HIV/STD infection

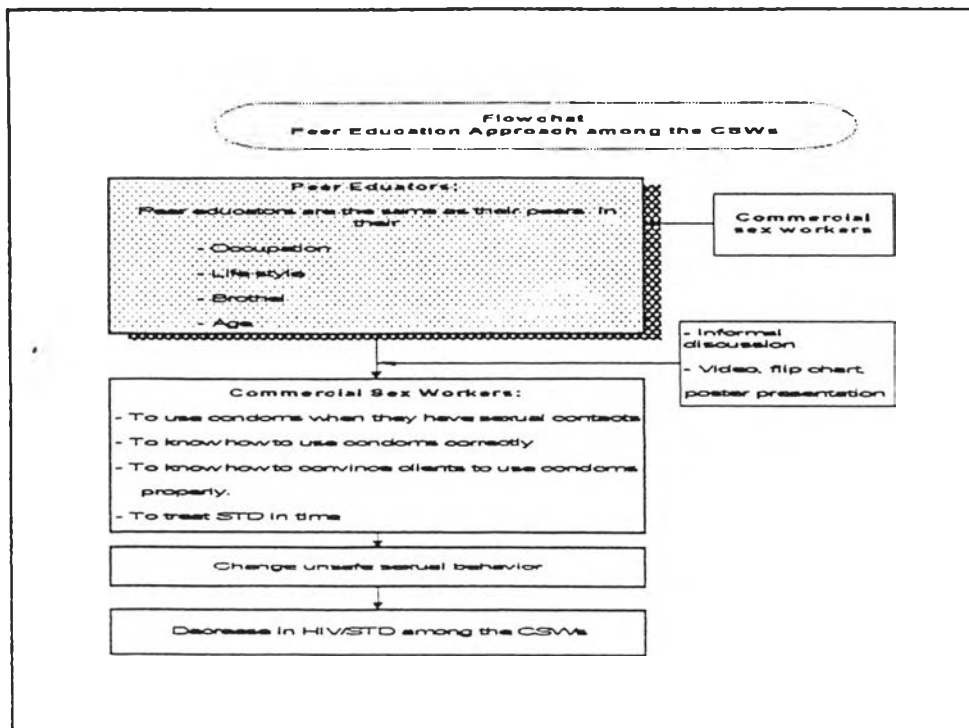
### **General Objective**

To reduce unsafe sexual behavior leading to the high prevalence of HIV infection among the commercial sex workers in Tuol Kork.

### **Specific Objectives**

- ★ To increase knowledge, attitude, and practice on HIV/AIDS among peer educators and their peers
- ★ By the end of the project, at least 80 % of the commercial sex workers will use condoms regularly.





### Activity Plan

- ★ Peer education selection (2 days)
- ★ Training of interviewers (1 day)
- ★ Pre-test questionnaires (2 days)
- ★ Peer educator training (5 days)
- ★ Post-test questionnaires (2 days)
- ★ Retraining (2 days training after 1 month of peer educator training is finished).

### Estimated Budget

- ★ Training of peer educators: US\$ 3,236
- ★ Education, flip chart, poster, and questionnaires: US\$ 740
- ★ Training of interviewers: US\$ 60
- ★ Four days interview: US\$ 60
- ★ T-shirt distribution: US\$ 280
- ★ Retraining: US\$ 1,032
- ★ Data entry, data collection, data analysis, and report writing: US\$ 400

Grand total: US\$ 5,808

### Lesson learn and Limitations

- ✿ May have funding problems
- ✿ Sensitive issue

### **Data Exercise**

HIV/AIDS related with knowledge, attitude, and practice among the commercial sex workers in Tuol Kork.

### **Objective**

To test and verify the methodology including questionnaires on knowledge, attitude, and skill on HIV/AIDS among the commercial sex workers in Tuol Kork.

### **Study Site**

The commercial sex workers community in Tuol Kork. It is located in the Northwest of Phnom Penh city, on the edge of the city.

### **Survey Methodologies**

- ★ Primary data
- ★ Quantitative method
- ★ Purposive sampling
- ★ Questionnaire interview
- ★ Interviewed 20 of the commercial sex workers in Tuol Kork.

### Limitations

- \* Most of brothels were closed in the day time
- \* Many commercial sex workers did not provide more chances for interview.

## The Results of Data Survey

### General Information, Knowledge, Sexual Behavior and the Use of Condom

Questionnaires (CSWs):	Percentage
<b>General Information:</b>	
<b>1.Age group:</b>	
17 or lower	13.5
18 - 20	38.1
21 - 23	23.7
24 - 26	11.2
27 - 29	7.4
30 - 32	2.8
33 - 35	3.3
<b>2.Marital status:</b>	
- Married	6.5
- Divorced	35.8
- Widow	5.6
- Single	51.6
- Separate	0.5

- No answer	0.0
<b>3. Income per month:</b>	
- US\$ 6 or lower	5.6
- US\$ 6 - 12	8.4
- US\$ 12 - 22	5.1
- US\$ 22 - 28	0.5
- US\$ 28 - 34	7.0
- US\$ 34 - 40	4.3
- US\$ 40 - 46	0.9
- Higher than US\$ 46	68.2
<b>4. Education:</b>	
- No schooling	36.3
- Primary education	41.8
- Secondary education	17.2
- High school	4.7
- More than high school	0.0
- Other	0.0
- No answer	0.0

<b>Knowledge on HIV/AIDS:</b>	
<b>5. Have ever heard about HIV/AIDS:</b>	
- Yes	88.8
- No	11.2
- No answer	0.0
<b>6. Sources of information:</b>	
- Television	52.9
- Radio	33.0
- Newspaper/magazine	3.1
- Poster	1.0
- Verbal conversation	81.7
- Others	0.0
- No answer	0.0
<b>7. Method to avoid getting HIV/AIDS:</b>	
- Do not share needles	6.5
- Avoid touching blood of the others	0.0
- Do not transfuse blood	0.0
- Do not use injectif drugs	0.6
- Do not share cutting equipment	1.2



<b>8.Percent who know about condoms:</b>	
- Know	95.8
- Don't know	4.2
- No answer	0.0
<b>Sexual Behavior and the Use of Condom:</b>	
<b>9.Number of customers per week:</b>	
1 - 5 customers	14.6
6 - 10 customers	22.5
11 - 15 customers	27.7
16 - 20 customers	8.0
More than 20 customers	27.2
<b>10.Number of working days per week:</b>	
1 - 2 days	1.9
3 - 4 days	14.9
5 - 6 days	25.6
7 days	57.6
<b>11.Percent of CSWs who know about condoms:</b>	
- Know	95.8
- Don't know	4.2
- No answer	0.0

<b>12. Percent of CSWs who know how to use a condom:</b>	
- Know	62.6
- Don't know	37.4
- No answer	0.0
<b>13. Source of condoms:</b>	
- Drug store	38.8
- Convenience store	15.0
- Brothel	51.0
- Health center/clinic/hospital	7.8
- Others	4.9
<b>14. Percent of CSWs who have sex with regular partner:</b>	
- Yes	37.6
- No	62.4