



Cost-Effectiveness Analysis of Establishing a Community Based Friend Center (P1) versus Implementing a Training Course for Men who have Sex with Men (P2)

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Background

The scarcity of resources demonstrated that it was important to identify the HIV prevention intervention option to optimize the efficiency of resource used and the budget allocation. Hence, cost-effectiveness analysis would help to facilitate in decision making process by measuring the effectiveness of the available HIV prevention intervention for MSM. This cross-sectional study was aimed to analyze the incremental cost – effectiveness of the two HIV prevention interventions, P1: establishing a community based friend centre versus P2: implementing a training course for MSM in Ubonratchathani province.

Method

Data were collected by using costing data recording forms in perspective view of each intervention. The samples were 224 MSM who involved in interventions during 2008–2010. The interview were conducted by using questionnaires in order to collect effectiveness data in terms of increasing number of MSM with knowledge on HIV/AIDS and attitudes.

Result

Incremental cost-effectiveness ratio of P1 versus P2 for increasing number of MSM with knowledge on HIV/AIDS was 2 USD/month and 47 USD/month respectively. And Incremental cost-effectiveness ratio of P1 versus P2 for increasing number of MSM with attitudes was 1.5 USD/month and 141 USD /month respectively.

Intervention	1st Round			2nd Round			ICEA Knowledge (USD)	ICEA Attitudes (USD)
	Total cost (USD)	increasing number of MSM with knowledge	increasing number of MSM with attitudes	Total cost (USD)	increasing number of MSM with knowledge	increasing number of MSM with attitudes		
Establishing a community based friend center	1,856	37 (n=72)	57 (n=72)	1,866	42 (n=72)	64 (n=72)	2	1.5
Implementing a training course	1,183	8 (n=40)	31 (n=40)	1,608	17 (n=40)	34 (n=40)	47	141

Conclusion

According to the result, for prevent HIV/AIDS among MSM in Thailand, the project manager should provide intervention by establishing a community based friend center for the effectiveness could increase. Most NGOs who worked with the hard to reach population had its strategy as major standpoint. Project on establishing a community based friend center, local governments were becoming important on resources so capacity enhancement was needed. Special permissions to conduct the study were obtained from corresponding local authorities, in which the projects operated.



Keywords : cost-effectiveness / establishing a community based friend center / implementing a training course / men who have sex with men