CHAPTER VI

PRESENTATION

This chapter presents the keynotes used in the final thesis examination.

The presentation consists of three parts: (1) the essay, (2) the research proposal. (2) the data exercise

The presentation handout is presented on the following pages.



A Comparative Study on Cost-Effectiveness between Resin and Glass-ionomer Used as Pit and Fissure Sealant in Mobile Dental Service for School Children at Municipality School, Buriram Province, Thailand

Bу

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Hypothesis

The cost- effectiveness of glass-ionomer used as pit and fissure sealant in mobile dental service for school children is equal to that of resin

Objectives

General objective : Inform decision-making Specific Objectives : Define the effectiveness Define cost

Define cost-effectiveness Provide a recommendations







Data analysis Data will be analyzed to determine Frequencies, Percentages, Means and Standard deviation Incremental cost-effectiveness ratio will be used to test the hypothesis Compare the cost-effectiveness ratio Action plan Fiscal year 2003-2005 Budgets 180,000 Baht



Expected outcome

The cost effectiveness based on research findings recommendations will be made to facilitate decision making

Ethical consideration

-Free treatment for children with dental caries on screening

-Inform consent -On completion of the research; children with dental carles will be treated free of charge

Limitation

- Withdrawal
- Chewing style

Data exercise Cost Analysis of Resin and Glass-ionomer Sealing Procedure in Mobile Dental Service for School Children and Rapid Assessment on School Dental Health Promotion and Preventive Program



Results			
Type of cost	Resin	GI	
1.Time cost / 1tooth	26.29 B	25.69 B	
2. Heavy equipment cost / 1 tooth	1.11 B	0.17 B	
3.Hand instrument cost /1 tooth	2.30B	0.56 B	
4.Sealing material cost	33.44 B	37.86 B	
Total cost	63.14 B	64.28 B	

Dental care	Pre-school		Primary school	
activities	Plan	Existing	Plan	Existing
1.Tooth brushing	x	Yes	x	+/-
2.Fluoride tablet	x	Yes	-	-
3.Useful food	x	No	x	No
4.Oral cavity exam	x	Yes	×	Yes
5.Create good environment	×	+/-	x	+/-

Dental care	ntal care Pre-school		Primary school	
activities	Plan	Existing	Plan	Existing
6.Dental health education	×	No	x	No
7.Dental sealant	x	Yes	x	Yes

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	Discussion
	Using straight line method to calculate depreciation
	Did not concern about indirect cost
(Local produced heavy equipments
	Finding cannot be generalized to the whole population in the other parts of Buriram province





