Thesis Title Factors Associated with Incidence of Acute Diarrhoeal Disease in Children under Five Years of Age in Khon Kaen Province, Thailand

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ABSTRACT

The objectives of this research were to identify the factors influencing the incidence of acute diarrhoeal diseases in children under five years of age.

The first specific objective was to identify the association between socio - economic status of mothers and the incidence of diarrhoea of their children under five years. The second objective was to identify association between environment and sanitation factors and the incidence of

diarrhoea of their children under five years. The third objective was to identify the association between knowledge, attitude and practice of mothers and incidence of diarrhoea of their children under five years. This study was a cross - sectional study which aimed at finding out factors associated with incidence of diarrhoea in children under five years of age in Khon Kaen Province, Thailand. The 221 samples study was conducted in 13 villages, Ban Phai district, Khon Kaen province during 25 th March - 6th April 1995.

The result of the study revealed that: Monthly family income, Mother's household sanitation, environment and sanitation status of mothers knowledge, attitude and practice of mothers had significant association with the influencing incidence of diarrhoea in children under five year of age, but education and occupation of mothers were not significant in association with influencing incidence of diarrhoea in children under five year of age.

Based on these finding, it was suggested that in order to design new educational approach or strategy in health education activities to reduce the incidence and severity of diarrhoeal care and prevent death caused by diarrhoea. The most important should be emphasized to mothers who had children under five year of age. On the other hand improving household sanitary environment. It is very important to plan a special training programme for mothers on proper technique and hygienic practices to prevent diarrhoeal diseases. Let them know the causes of diarrhoea and other intermittent factores that can cause diarrhoea.