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WORKERS

CHAINARONG SURACHAIPANYA: EVALUATION OF EFFECTIVENESS  
ON DENGUE HEMORRHAGIC FEVER PREVENTION AND CONTROL AMONG DIS-  
TRICT HEALTH WORKERS, LOEI PROVINCE. THESIS ADVISORS: BHTSITA INTARA-  
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Dengue Hemorrhagic Fever (DHF) has been spreading and increasing in severity in many countries. Loei province has high morbidity rate for all age. Effectiveness of prevention and control DHF was found to be influenced by many factors. The main purpose of this research is to evaluate effectiveness of DHF prevention and control among district health workers in Loei province. Theories of management are employed. Explanatory research is used. The samples were 116 district health workers in health centers. The data was collected by using questionnaires during 22 February to 15 March 1999. Statistics used in this study were percentage, means, standard deviation and discriminant analysis.

The result showed that most of the effectiveness was at least effective level and the resource and process of management were fair level. The effectiveness were classified into four levels, from the lowest to the highest : least effective, less effective, moderately effective and most effective. Discriminant analysis was unable make strong predictions. In This study the linear function predicted that the two effective categories of the sample were least and less effective. The overall correct prediction rate is 70.4 percent. It was found that good human resource, physical resource, organizing and leading could increase the effectiveness on DHF prevention and control among district health workers in Loei province. The important variables to successively classify result were ranked from the most important to the least : leading, physical resource, human resource and organizing.

This research suggests that the improvement of leading, physical resource, human resource and organizing will increases effectiveness of DHF prevention and control among district health workers in Loei province. The important should topics include policy, academic and action development.