

Thesis Title                    An Operation Model of Materials Utilization  
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Health : A Case Study of Sriboonreung Hospital,  
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### ABSTRACT

Material is the dominant factor of management resources because it is tool to increase effectiveness in management. Most hospitals are facing material problem when carrying out their work in regardless of use, luxury and uneconomy especially as the materials that wastefully used up, eg. the offices materials and the houses materials and fluelliked vehide materials. For solving this problem, an operational model of materials utilization was built by the researcher in order to increase its efficiency. The research design was a quasi-experimental research, two group, before-after design. The researcher applied the academic principles in to all activity of this model. Sriboonreung hospital was selected to be the experimental area and Phen hospital to be the comparative area. The duration of model

implementation was 3 months. The performance was measured by the quantities and values, the materials utilization, the satisfaction and problems in the executive, the operators and the utilizer opinion.

As a result, there is a decrease of quantities and values of materials. The application of materials is highly increased. The executive feels more satisfied, the operators and the utilizer satisfaction are constant. The executive's opinion of problems is decreased, the operators and the utilizer opinion of problems are constant. It is found that the operation model suitable for experiment areas.

The implementation was considered because the researcher accentuates the preparation and evaluation during the implementation. According to the result, the researcher makes a generalization and provides some advice for those who are interested to apply it for the development of any other work in the hospitals for more effectiveness.