

Thesis Title                    Analysis of Time Spent in Performing the Job of  
Nurse Supervisors in Hospitals in Bangkok Metropolis  
by using Program Evaluation and Review Technique  
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#### ABSTRACT

The purpose of this research was to apply the Program Evaluation and Review Technique or PERT in analysis of time spent in performing the activities of 5 jobs of the nurse supervisors. The first job was setting the project about orientation for the new staff nurse, the second was to manage the new personnel under her responsible ward, the third was to teach or demonstrate about nursing technique, the fourth were to control and evaluate nursing service quality in her responsible ward, and the fifth were to act in personnel development and maintain the morale by increase the knowledge of personnel. The research population were nurse supervisors who worked in government hospitals in Bangkok Metropolis. The instrument was the time spent recording form which constructed by the researcher. The data analysis were made by using arithmetic mean as statistical procedure for time spent in activities of five jobs of nurse supervisors, and used PERT to found out the critical path of each job.

The major finding were :

1. The first job, the nurse supervisors had averagely spent their mostly 1 hour 30 minutes in activity of planning for evaluate the

training program in orientation. The least time spent 36 minutes for the activity in planning for snack and beverage. The time spent in the critical path was 11 hours.

The comparative of time spent in critical path of each department, was found mostly in critical path of obstetrical nurse supervisors which spent 12 hours 47 minutes, medical nurse supervisors spent 10 hours 50 minutes, and surgical nurse supervisors spent 9 hours 25 minutes.

2. The second job, the nurse supervisors had averagely spent their time mostly 1 hour 28 minutes in activity to survey and evaluate the new personnel while working. The least time spent 27 minutes for the activity of the nurse supervisors and the head nurse get together, searching the way to solved the emergency problems about lack of personnel, they tried to take turn personnel to work in nursing ward of each shift. The time spent in the critical path was 9 hours 12 minutes.

The comparative of time spent in the critical path of each department, was found mostly in critical path of medical nurse supervisors which spent 9 hours 39 minutes, obstetrical nurse supervisors spent 9 hours 18 minutes, and surgical nurse supervisor spent 8 hours 49 minutes

3. The third job, the nurse supervisors had averagely spent their time mostly 2 hours 11 minutes in the activity of meeting for construction or improvement of standard nursing manual. The least time spent 22 minutes for the activity evaluate each time of teaching or demonstration. The time spent in the critical path was 8 hours 28 minutes.

The comparative of time spent in the critical path of each department, was found mostly in critical path of medical nurse supervisors which spent 8 hours 57 minutes, surgical nurse supervisors spent 8 hours 37 minutes, and obstetrical nurse spent 7 hours 44 minutes.

4. The fourth job, the nurse supervisors had averagely spent their time mostly 1 hour 8 minutes in activity of the nurse supervisors and the director nursing service get together for planning the controlling methods for improved the nursing action to reach the standard. The least time spent 25 minutes in activity pre and post conference when changing the shift duty. The time spent in the critical path was 8 hours 25 minutes.

The comparative of time spent in critical path of each department, mostly was critical path of surgical nurse supervisors which spent 9 hours 42 minutes, medical nurse supervisors spent 7 hours 45 minutes, and obstetrical nurse supervisors spent 7 hours 22 minutes.

5. The fifth job, the nurse supervisors had averagely spent their time mostly 1 hour 9 minutes in activity of the nurse supervisors was setting the educational program for their personnel development with the director nursing service and head nurse. The least time spent 28 minutes in the activity of checking the name who were allowed to joined the meeting and took educational course. The time spent in the critical path was 6 hours 16 minutes.

The comparative of time spent in critical path of each department, mostly was critical path of surgical nurse supervisors which spent 7 hours 23 minutes, medical nurse supervisors spent 6 hours 25 minutes, and obstetrical nurse supervisors spent 6 hours 5 minutes.