

Thesis Title	Private Hospital in Shophouses of Suburban Bangkok ; A Case Study Towards
Student	Mr. Wichai Khaemajitpishit
Student ID.	38062307
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Thesis Advisor	Dr.Nopadol Sahachaiseri

ABSTRACT

The private medical center was established inside the commercial building in order to respond to the users in mid and outer Bangkok residential who do not suffer from server illness, and therefore do not need to transport to cure in big hospital. These small medical centers will also provide the similar services as the general big hospitals but will be limited in size and location of utilize space with the characteristic of the former commercial building therefore, in this research, there are a study and an analysis at the present condition of the medical centers operated inside the commercial building which effect the use of each utilize space attitude of the needs of the users and officers toward the medical center.

This study aims to explore the contextual aspect of the interior environment facility arrangement and the existing spatial setting of the basic medical center which attribute to the level at satisfaction of prime interior space users. The study applied a wide range of approaches toward the solution of environmental designs, literature research, unobtrusive behavioral observation, questionnaire aimed to measure the attitude and the needs of the medical center user, by studying the size and the location of each utilize space, general and physical environment inside the medical center. The questionnaire formed the attitude seeking questions with the satisfaction scale of 5 and by the sample research target who are 140 users and 70 officers in the private medical center, where hold 10-12 overnight beds and service inside the commercial building in mid Bangkok all together 14 places which devided into 10 medical centers in mid Bangkok and four inside Bangkok for comparison. The use of this satisfaction scale questionnaire applied the poe. Approach to compare users opinion toward the built environment vis-à-vis their respective environment setting and to bring the resulted data together with the data from exploring the areas analysis the relationship by using anova and chi-square in order to find the suitable space size fore utilization and behavior objectives and analysis the space by comparing the environmental built for finding the form of relationship and suitable position of each individual area.

The study found that the attitude of the medical center users (whom were the studied case) about general factors are diversified depending on the individual personal characteristic. The levels of satisfaction depend on the size and the location of the utilize space, inside space factors and mutial physical environment. Moreover, in the

positioning part, the location of utilize space, it was found that the middle service section and the medical area should be in the ground floor of the building. Where the sanatorium and the only officers section should be in the upper floor, in which the medical centers, that hold not more than 12 beds are suitable for 2-3 floors commercial building and those that hold not more than 12 beds are suitable for 2-3 floors commercial buildings and those that hold between 12 and 17 beds are suitable for 4 floor buildings. This research offers guidelines in designing the size and the utilize space, appropriate sections inside the medical centers and utilization behavior with scale of satisfaction, as well as suggests how to design the interior space of the 2, 3 and 4 types of medical centers.