

Thesis Title                      The Relationship between Hope and  
   Adaptation in the Notified Leukemic  
   patients.

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Degree                              Master of Science (Nursing)

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#### ABSTRACT

To be notified as leukemic patients is a crisis of life. Physical changes i.e. anemia, bleeding, infection and chemotherapy toxicities and side effects that patients experienced often lead to psychosocial problems. Both physical and psychological changes induce stress to the patients. It is believed that stress can aggravate the disease process. The patient, therefore needs to have an adaptation in order to pursue a normal life. Nurse as a health care provider should know about the influences of some selected factors on the adaptation in order to enhance patient's well being. Therefore, the researcher was interested in studying the relationship of some factors on the adaptation. The purpose of this research was to study

the relationship between hope and adaptation in the notified leukemic patients. The sample was composed of 100 leukemic patients who were on chemotherapy and were followed up at the hematology clinics, in the out patient medical department of Ramathibodi Hospital, Pramongkutkloa Hospital and Bhumiboladulyadej Hospital. The data were collected by using three questionnaires i.e. demographic data, hope and adaptation questionnaires. Statistical techniques were implemented on the process of data analysis including percentage, arithmetic means, standard deviation, Pearson's product moment correlation coefficient and the stepwise multiple regression.

The result were as follows.

1. There was a significantly positive correlation between hope and adaptation in leukemic patients at the .001 level ( $r = .5534$ )

2. The results of the stepwise multiple regression analysis showed that 37.97 percent of the variance of adaptation was accounted for by three significant predictors, i.e. hope, age and duration of disease.

From the results of this study, the researcher have the recommendation that the important aspects nurses should take in to consideration in caring the notified leukemic patients is promoting patients' hope. Nurse should increase attention to female patient with short duration of disease because they were poor in adaptation.

The factors influencing the patients' adaptation i.e. the severity of disease and the comparison of adaptation between patients who have difference duration of being sick from the disease should be studied further.