

Thesis Title                      The Relationship Between Hope, Health Perception and Life Satisfaction of The Head and Neck Cancer Patients Receiving Radiation Therapy.

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#### ABSTRACT

The purposes of this research were to study the relationship between hope, health perception and life satisfaction and to compare the life satisfaction of the head and neck cancer patients receiving radiation therapy who differed in sex, age, educational level, monthly income, site and stage of cancer, duration of radiotherapy (inweek), past life satisfaction and past health satisfaction. The sample was composed of 120 head and neck cancer patients receiving radiation therapy at the National Cancer Institute, Rajvithi Hospital, Pramongkutkloa Hospital, Chulalongkorn Hospital, Ramathibodi Hospital and Siriraj Hospital. The instruments developed by the researcher were composed of the demographic data questionnaire, the health perception scale, the hope scale and the life satisfaction

scale. The data were analysed by using percentage, arithmetic mean, standard deviation, t-test, one way analysis of variances, Pearson product moment correlation coefficient and multiple regression analysis (Forward Inclusion).

The results drawn from data analysis were as follows :

1. The patients with different monthly income, past life satisfaction and stage of cancer were statistically difference in life satisfaction at the .01 and .05 level of significance respectively.

2. The patients with different sex, age, educational level, site of cancer, duration of radiotherapy and past health satisfaction were not statistically different in life satisfaction ( $p > .05$ )

3. Hope and life satisfaction was significantly correlated ( $p < .001$ )

4. Health perception and life satisfaction was significantly correlated ( $p < .001$ )

5. The result of the multiple regression analysis showed that 78.531 percent of the variance of life satisfaction was counted for by three significant factors : hope, health perception and monthly income. The regression equation respectively in raw score was as follows.

$$Y = .93936 (\text{HOPE}) - .24526 (\text{HEP}) + 1.80791 (\text{INC})$$