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Thesis Title

The Effectiveness of Health Education Program

for Preventing behavior to control Iodine

Defficiency Disorder Disease among Karan

## Abstract

Iodine Deficiency Disorder disease is one of the serious

and behavioral development. From previous research, the cause of Iodine Defficiency Disorder disease included the lack of body's intake knowledge, attitude which leaded to noncompliance behavior. This quasi-experimental research was to determine the effectiveness of health education program applying PRECEDE framework, social psychology concept and group process approach on health education planning at Huatung subdistrict in the district of Long, Phrae Province. The sample consisted of 90 Karan housewives. The purposive sampling was applied to the population, and samples were randomized to the experimental and the control group. Among these participants, 45 were

assinged to the experimental group who received health education

researcher were administered for collecting the data. Information on knowledge, attitude and practice of the samples were measured before and after the experiment. Two samples t-test and Paired t-test were used to analyse the data. The level of significance was set at 0.05. Results can be summarized as follows: After the experiment, the experimental group statistically significant higher mean score (p < 0.001) than that before conducting the experiment in terms of : Knowledge on Iodine Defficiency Disorder disease Attitude towards Iodine Defficiency Disorder disease Practice behavior on preventing Iodine Defficiency Disorder disease. 2. After the experimental group gained statistically significant higher mean score (p < 0.05) than those before conducting the experiment only on knowledge of Iodine Defficiency Disorder disease.

program, and the rest were assigned to the comparison group who did

not recieved this program. This study was conducted from November 1989

interview questionaires and an observation quideline, developed by the

January 1990. A structured interview and observation using the