

Thesis Title Quality of Life of Elderly with Osteoarthritis

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Abstract

The purpose of this study was to investigate the quality of life of the elderly with osteoarthritis and compare the quality of life between female and male elderlies. Selected subjects consisted of 100 elderlies, over 60 years of age and were diagnosed of knee osteoarthritis and treated at outpatient department of Maharaj Nakorn Chiang Mai hospital and Lumpang central hospital. The instrument consisted of a structured interview form for demographic data and a quality of life interview form constructed by the researcher based upon modified arthritis impact measurement scales (MAIMS) of Selman and Roy's adaptation model. Content validity was examined by specialists and reliability was obtained by means of Cronbach's

coefficient alpha. The reliability of the quality of life instrument was 0.91. The derived data were analyzed by using frequency, mean, standard deviation and the hypothesis was tested by t-test.

The results of the study revealed that:

1. Quality of life of the elderly with osteoarthritis was at the moderate level.

2. Quality of life of the female elderly with osteoarthritis was lower than the male ($t = 2.11$, $p < .05$). The impact of osteoarthritis on quality of life resulted from changing in interdependent mode in the female elderly was lower than in the male ($t = 2.84$, $p < .01$).