

Effects of nursing care Guideline on Pain Level among Patients with Gastrointestinal Tract Cancer

ABSTRACT

This quasi-experimental research aimed to determine the effects of Cancer pain management guideline on pain level among patients with gastrointestinal tract cancer. Sixty subjects who met the selection criteria were included in this study. The experimental group (n=30) received Cancer pain management guideline while the data from the control group (n=30) who received conventional nursing care was collected retrospectively. Furthermore, the nurses who provided this guideline for the experimental group were also included in this study. The research instruments were Cancer pain management guideline, Pain scale, Patient satisfaction scale, and Nurse satisfaction scale. All instruments were content validated. Dependent and independent t-tests were used for data analysis.

The result revealed that the experimental group had statistically significantly lower pain score after receiving Cancer pain management than that of before receiving ($\bar{x}=2.27$ and $\bar{x}= 3.77$, $t = 5.55$, $p<.0001$). Additionally, the experimental group had statistically significantly lower pain score than that of the control group ($\bar{x}=2.27$ and $\bar{x}= 3.30$, $t = 3.17$, $p<.01$). Furthermore, patient satisfaction and nurse satisfaction were reported as good ($\bar{x} = 3.91, 3.92$).

The study indicated that the Cancer pain management guideline can be used in patients with gastrointestinal tract cancer in order to relieve cancer pain.

Key words: Cancer pain management guideline, pain level, patient with gastrointestinal tract cancer.