

The Predictors of Head and Neck Cancer-Head and Neck Cancer-Related Lymphedema in Patients with Resected Advanced Head and Neck Cancer

Authors : Shu-Ching Chen, Li-Yun Lee

Abstract : The purpose of the study was to identify the factors associated with head and neck cancer-related lymphoedema (HNCRL)-related symptoms, body image, and HNCRL-related functional outcomes among patients with resected advanced head and neck cancer. A cross-sectional correlational design was conducted to examine the predictors of HNCRL-related functional outcomes in patients with resected advanced head and neck cancer. Eligible patients were recruited from a single medical center in northern Taiwan. Consecutive patients were approached and recruited from the Radiation Head and Neck Outpatient Department of this medical center. Eligible subjects were assessed for the Symptom Distress Scale-Modified for Head and Neck Cancer (SDS-mhnc), Brief International Classification of Functioning, Disability and Health (ICF) Core Set for Head and Neck Cancer (BCSQ-H&N), Body Image Scale-Modified (BIS-m), The MD Anderson Head and Neck Lymphedema Rating Scale (MDAHNLRs), The Foldi's Stages of Lymphedema (Foldi's Scale), Patterson's Scale, UCLA Shoulder Rating Scale (UCLA SRS), and Karnofsky's Performance Status Index (KPS). The results showed that the worst problems with body HNCRL functional outcomes. Patients' HNCRL symptom distress and performance status are robust predictors across over for overall HNCRL functional outcomes, problems with body HNCRL functional outcomes, and activity and social functioning HNCRL functional outcomes. Based on the results of this period research program, we will develop a Cancer Rehabilitation and Lymphedema Care Program (CRLCP) to use in the care of patients with resected advanced head and neck cancer.

Keywords : head and neck cancer, resected, lymphedema, symptom, body image, functional outcome

Conference Title : ICCNCC 2017 : International Conference on Cancer Nursing and Cancer Care

Conference Location : Kyoto, Japan

Conference Dates : November 16-17, 2017