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Nutritional status of patients with lung adenocarcinoma associated with systemic chemotherapy care of research

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This study investigated the correlation between the nutritional status of patients with lung adenocarcinoma during chemotherapy and systemic chemotherapy care. Analysis of data from the Taichung Veterans General Hospital of lung cancer patients in 2011 AD until 2014's "cancer case management database," In this study, over 20 years old, suffering from lung adenocarcinoma for the first time, performed systemic chemotherapy correlation analysis 81 cases. Research analysis showed that hemoglobin and body mass index before and after chemotherapy via a paired t correlation analysis of significant discrepancies in the statistics. Use Super Mix mixed model analysis software of multi-level mode (MLM) Maximum likelihood estimate of the results of the analysis of smoking, body mass index and hemoglobin three variables have a significant impact on the absolute neutrophils, with logistic regression analyze nausea, vomiting, poor appetite, oral ulcers with variable results, found that hemoglobin, nausea and poor appetite have negative and significant impact, and that the results of Odds ratio, each additional unit of hemoglobin, nausea 0.677 times less chance of generating less chance of loss of appetite 0.583 times. Although this study is limited to secondary data, the number of samples in a few studies, it may result in statistics on the number of samples is too small bias, but use of higher statistical test force (power) analysis software to accurately investigate the findings. In the future we shall establish a comprehensive nutrition care plan and implement care for the direction of the team in order to benefit patients. In addition, the future research will need to be more rigorous experimental design, the nutritional status and chemotherapy care correlation analysis.

Biography

I work as Nurse Practitioner of Veteran General Hospital which I work for around 22 years. My working experience including critical nursing care, cancer nursing care. I'm interested in cancer and palliative nursing care. I got a master degree from the institute of Long-term Care at National Taipei University of Nursing and Health Sciences in 2016.

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