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The application of huaxi emotional-distress index in the investigation of emotional disorder in patients with lung cancer

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Objective: To identify the prevalence and related factors of emotional disorder of inpatients with lung cancer. Then to provide the basis for individual nursing, emotional intervention, and management model.

Method: The cross-sectional study and convenience sampling method were applied to patients who are treated in the thoracic oncology department of West China Hospital of Sichuan University in Chengdu from October 2017 to March 2018. The general information of the patients and Huaxi Emotional-distress Index(HEI) were included in the questionnaire to evaluate the states of emotional disorder.

Result: The survey investigated a total of 257 patients, including 187male patients and 70 female patients. The prevalence of the emotional disorder in patients was 27.2% (70/257). The HEI result of patients ranged between 0~20 with the average (4.35±4.71). Univariate analysis showed that the factors which are gender, marital status (spouse), pain could affect the HEI of patients(P<0.05). Logistic regression analysis showed that the gender and the degree of pain was the main factor of emotional disorder.

Conclusions: Psychological status of patients with lung cancer is poor, and emotional disorder is related to gender and pain. Timely management model should be used in order to evaluate and improve the level of emotion. And then the HEI is worth to apply in an assessment of emotional disorder in patients with cancer.

Biography

YanGai Zhang is studying has completed her master in nursing at the age of 25 years from Sichuan University and her Undergraduate school is JiLin University. Now her teacher is the head-nurse of the thoracic oncology department of West China Hospital, the research direction of her is oncology care and intravenous therapy. She has published more than 100 papers.

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