

## **Construction of social support system for patients with breast cancer at different time onset**

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**BACKGROUND:** Patients with breast cancer are inclined to suffer psychological and physiological problems due to impact of cancer, suspicion of treatment effect and image damage. It's particularly important to provide psychological and physiological support to patients for improving treatment effect. Social support could meet this requirement via social network to help patient adopt positive strategies instead of negative strategies. Social support mainly include emotional support, companionship support, instrumental support and informational support. However, for patients with breast cancer at different time onset ,such as primary diagnosis,surgery,chemotherapy, radiotherapy and rehabilitation,there was different content of social support impacting. The purpose of this study was to construct the social support system for patients with breast cancer at different stages according to literature review and qualitative research method .

**HYPOTHESIS:** Content of semi-structured interview mainly include basic information of patients, such as stages of breast cancer,treatment efficiency, economic condition, age, marital status; as well as interview subject, such as the concept of "social support" from patient's perspective, social support level at present, example of social support behavior, comparison of social support between expectation and reality, explanation of requirement for social support.

**METHODS:** The methods of pre-interview and literature review were used to establish framework of semi-structured interview.The framework of semi-structured interview was used to talk with enough amounts of patients with breast cancer until there were no new information appeared. Ultimately, the results of interview was analyzed by the Colaizzi method for subject condensation.

**RESULTS:** The social support system explicitly pointed out particular social support groups, approaches, contents and duration for patients with breast cancer at different time onset. At primary time, emotional support from family was the most obvious demand with patients. Afterwards, information support and professional treatment were eager to be attainment. Ultimatly, peer support and encouragement of return to society were more essential for patients before coming back to work. According to various demands of patients with breast cancer at different time onset, the social support system could give patients and nurses particular theory foundation to guide health education properly.

