

Abstract of Doctoral Dissertation

Education Research Field/ Specialization Area	Department of Frontier Practice Nursing Division of Modern Gerontological nursing	Student ID No.: Name:	CAI YINGJIE
Dissertation Title	Development of a nurse-led supportive care program for Chinese women with newly diagnosed breast cancer undergoing chemotherapy		
<p>This research aimed to develop a nurse-led supportive care program adapted to the needs of Chinese women with newly diagnosed breast cancer undergoing chemotherapy, evaluate this program's content validity by Chinese experts, and explore the feasibility and acceptability of this program in a real-world context. It includes three studies:</p> <p>Study I aimed to formulate a preliminary draft of the supportive care program. It followed two parts. (1) Study I-I identified thirteen Chinese breast cancer women's supportive care needs and coping strategies through a semi-structured interview. During the chemotherapy, patients had needs of physical symptoms management, psychological adjustment, emotional support, information to prepare and cope with chemotherapy, communication, and social support. Patients coped with the chemotherapy by seeking information from multiple sources, minimizing adverse effects, cognitive defense, cognitive reconstruction, finding positive meanings, and seeking support to cope with chemotherapy. (2) Study I-II combined the interview result with the literature review and formulated a preliminary draft of the supportive care program. A nurse-led program (version 1) consists of needs assessment, skilled communication, tailored responses, summary, and referral were designed.</p> <p>Study II aimed to examine the content validity of the supportive care program. A focus group discussion by six Chinese experts (including a physician, nursing managers, and nursing researchers) with two rounds of consultation questionnaires was conducted. According to the experts' comments, we revised the program. Needs assessment, skilled communication, tailored information and emotional support, summary and referral were formulated as version 2, and the content validity of the overall scale of version 2 was over 0.9.</p> <p>Study III aimed to verify the feasibility and acceptability of the supportive care program. A pilot study was conducted. Two nurses implemented the supportive care program to eight patients, three questionnaires with interviews were used to evaluate the outcomes. The participation rate in the intervention was 75% (9/12), the adherence rate was 89% (8/9). Most patients and nurses benefited from this nurse-led supportive care program.</p> <p>Conclusion: The nurse-led supportive care program was feasible and acceptable, and it has the potential to fill gaps in health care services by addressing the supportive care needs of Chinese women with newly diagnosed breast cancer undergoing chemotherapy. Further study is needed to explore the effectiveness of this program.</p>			