Outcomes of Pre-surgery Preparation Program in Fast Track Surgery for Patients with Breast Cancer at Primary Care Unit

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Abstract (300 word limit)

Breast cancer was a serious disease that effects to the quality of life in patients. It is the most cause of death among women in Thailand and around the world. This quasi- experimental research aimed to study the outcome of pre-surgery preparation program in fast track surgery system for patients with breast cancer pre- surgery phase at the primary care unit. Studies in 20 pre-surgery breast cancers patients were assessed at the outpatient department of Kalasin hospital. Instruments used in this study were the pre-surgery manual for patients with breast cancer in pre-surgery phase at the primary care unit. Collect data by questionnaire. Content validity was approved by five experts who examine the confidence. Reliability used the Cronbrach's alpha coefficient was .864. The feature information was compared with the descriptive statistics. Wilcoxon singed-rank test was used before and after the trial. The research found that

1. After the trial, the samples had a higher level of knowledge about general and practice in breast cancer than before the trial. Statistically significant ($p < .05$)

2. After the trial, the samples had lower stress levels for surgical treatment. Statistically significant ($p < .05$)

3. After the trial, the samples had the level of satisfaction with pre-surgery service. Over all more than before the trial. Statistically significant ($p < .05$)

4. After the trial, the samples had the level of cooperation in admission. Over all more than before the trial. Statistically significant ($p < .05$)

Summary of pre-surgery preparation program in fast track surgery system forpatients with breast cancer, pre- surgery phase at the primary care unit. Patients are better able the knowledge about breast cancer, has reduced stress, they are satisfied with the service and cooperation in the treatment as well. The program should be used to prepare patients before surgery.

Recent Publications (minimum 5)

1. Atikarn Supakkwanich, Tawan Khetpanya and Pranom Wannakul. (2016). Developing Guidelines for Screening Patients with Liver Flukes and Biliary Tract Cancer, The Tertiary Unit. The First International Conference on Cancer Control for Health Equity Cancar Control in All Policies 2016. p.132.
2. Amara Sanpuwa, Atikarn Supakkwanich, Watcharanut Janthakul and Tawan Khetpanya.(2016). The Risk of Liver Cancer in Patients with Hepatitis Kalasin Province. The First International Conference on Cancer Control for Health Equity Cancar Control in All Policies. p. 133.
3. Tawan Khetpanya, Amorn Suwannimitr (2015). Outcome of Care among Pre Surgery Breast Cancer Patients in Fast Track Surgery. MSU journal.11 : p486-491.
4. Kantimaporn Wiwattrakul, Panisara Kosarak, Warunee Khemla and Tawan Khetpanya (2015). Nursing System Development in Patients with Head Injury at Emergency Department. Journal of Nursing and Health Care. 33(2): p160-167.
5. Siranee Intaranongpai, Tawan Khetpunya, Tidatip Supanpeew, Suriya Lahkum, Lukanaporn Senchai,Apinya Juntakut,Weena Junreonboon and Supawadee Sornplang.(2014). Chronic Pain Situational Analysis and Pain Management through Community Participation . MSU journal.10 : p412-421.



Tawan Khetpanya is a practitioners nurse at Kalasin hospital in Thailand. He has experience to nursing care patient with surgery and community care. He graduate from faculty of nursing at Mahasarakham University in Thailand. And now he has interested in research about healthcare of people in Thailand.He has built this model after years of experience in research, evaluation, and caring in hospital

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Notes/Comments: