Weight Change in Breast Cancer Survivors

Weight gain is a common issue that may lead to poor prognosis or adverse health outcomes in breast cancer (BC) survivors. The aim of this study was to investigate the pattern and degree of weight gain within 2 years after BC diagnosis and to identify its risks.

Methods:

The study cohort consisted of 1954 women with stage 1-III, primary, operable BC between 2008-2010. Their body weight, body mass index (BMI) were measured before surgery and followed by 1, 3, 5, 12, 24 months after. The analysis of weight gain was also stratified by demographic data, chronic illness, menopausal status and adjuvant therapy.

Kesutts:

This sample had a mean age of 50.5. Before the BC surgery, a majority of them were menopause (56.7%), without history of DM, hypertension or heart disease (89.5%); and they had a mean weight of 58.2kg (SD=9.5kg) and 23.8 (SD=3) and 13.8 (SD=3)

The finding can assist oncology nurses and clinicians to develop future intervention to improve the care for health promotion and risk reduction for weight gain in BC women.

The clin N (%) or $M \pm SD$ Age at operation (year) 50.5 ± 10.8 Body weight (kg) 58.2 ± 9.6 Body height (cm) 1566+56 Body mass index (kg/m2) 23.8 ± 3.9 Post-Men 0 199 (10.2) 692 (35.5) 743 (38.2) 313 (16.1) Ш Disease history (with Hypertension 113 (5.9) Hyperlipidemia 19 (1.0)



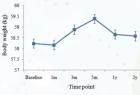
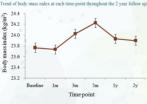
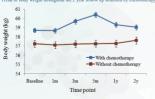


Figure 2 Trend of b





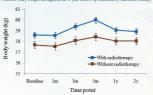


Figure 5

