

عنوان مقاله:

Body composition and anthropometric indices in women with breast cancer preand postmenopausal

محل انتشار:

دوازدهمین کنگره بین المللی سرطان پستان (سال: 1394)

تعداد صفحات اصل مقاله: 1

نویسندگان:

F Ameri - *Students Research Committee, Dept. of Food Technology Research, National Nutrition and Food Technology Research Institute, Faculty of Nutrition Sciences and Food Technology, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

.ME Akbari - *Professor of Cancer Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

M Abdollahi - *Associate Prof.(In Recearch) , Dept. of Nutrition Research, National Nutrition and Food Technology Research Institute, Faculty of Nutrition Sciences and Food Technology, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

M Ajami - *Assistant Professor, Department of Food and Nutrition Policy and Planning Research, School of Nutrition Sciences and Food Technology, Shahid Beheshti University of Medical Sciences, Tehran, Iran*

خلاصه مقاله:

Introduction & Aim: Breast cancer is the second most common cancer worldwide and the most common cancer among women and the fourth leading cause of death from cancer worldwide are known. Overweight and obesity are risk factors has been proven breast cancer after menopause. Therefore, this study aimed to investigate the relationship between anthropometric and body composition in pre-menopausal and postmenopausal breast cancer risk. **Methods:** In this case-control study, 88 patients with breast cancer (n = 48 pre-menopausal and postmenopausal 41) and 86 controls (45 premenopausal and 41 postmenopausal) who were matched by age, studied respectively. The cases, women who were admitted to Shohada Hospital recently diagnosed with breast cancer and had not chemotherapy or radiation therapy. The controls of women who were admitted to the same hospital had no history of any type of cancer or hormonal disease. The subjects were studied anthropometric indices and body composition were also measured by tanita Body Composition analyzer. for the analysis of findings chi-square and logistic regression was used. **Results:** In the study of case and control groups separately menopausal status, in pre-menopausal population, overweight women (BMI=24/91-29/9kg/m²) had lower odds ratio of developing breast cancer(OR=0/23 CI=0/84-0/06). In postmenopausal population with waist-to-hip ratio (0/80-0/84), WHR was significantly associated with breast cancer risk (OR=0/09 CI=0/60-0/02). **Conclusion:** In this study Premenopausal overweight women had lower odds ratio of developing breast cancer. High WHR was associated with breast cancer risk in postmenopausal women

کلمات کلیدی:

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