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A STUDY ON THE CORRELATION BETWEEN PHYSICAL AND MENTAL IMPACT AND QUALITY OF LIFE (QOL) IN WOMEN WITH BREAST CANCER

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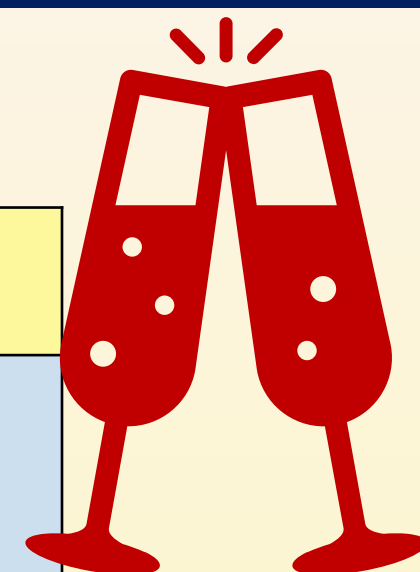


Introduction

Breast cancer has always been the most common cancer among Taiwanese women. With regular treatment, the survival rate and duration of breast cancer have increased, so quality of life (QOL) has become an important issue. As people pay more attention to the QOL, **there is whether a correlation between the physical and mental impact of women with breast cancer and their QOL.** Therefore, the purpose of this study was to explore the correlation between physical and mental impact and QOL in women with breast cancer.

Methods

A structured questionnaire was used to survey **120 women with breast cancer** in a medical center in southern of Taiwan. **The Post Traumatic Stress Scale-10 (PTSS-10) scale and the short version of the World Health Organization Quality of Life (WHOQOL-BREF) scale** were used for assessment. Analyses were performed using frequency distribution and chi-square test. The physical and mental impact of women with breast cancer was divided into high impact and low impact groups, and the QOL was divided into high level of QOL and low level of QOL for correlation analysis.



Results

The survey found that among the 120 women with breast cancer, the majority (n=47, 39.2%) were over 60 years old. The results showed that those with lower physical and mental impact had the highest QOL of those women with breast cancer (n=74). There was a statistically significant **negative correlation** with physical and mental impact and QOL ($p < 0.05$).

Conclusions

The research results can help medical staff understand the physical and mental impact and QOL of women with breast cancer, thereby drawing their attention and improving their physical and mental impact and QOL. The relevant research results still need to be further explored to provide a reference for future clinical practice.

Keywords

physical and mental impact 、 quality of life (QOL) 、 women 、 breast cancer

