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**ABSTRACT**

The research aimed to investigate the knowledge of breast cancer and breast screening, breast screening practice in Hong Kong Chinese women. A convenience sample of 100 Chinese women in Hong Kong with quota restriction, who attended at Breast Care Center of Hong Kong Sanatorium & Hospital was invited to participate in the study. A self-developed questionnaire is used for data collection. Descriptive statistics, content analysis, t-test and Spearman's rank-order correlation are used in data analysis. 100 subjects are divided into 50 breast cancer women and 50 normal women without breast cancer, participated in the study and the response rate is 100%. The total mean score of knowledge is 10.36 in 100 women. Breast cancer women seemed to have a better knowledge than normal women when  $p < 0.05$ . The total mean score of breast cancer and breast screening knowledge in breast cancer women is 11.36 while total mean score in normal women is 9.36. Also, the result showed that the knowledge of breast cancer and breast screening has significant difference with breast screening practice. If women have more knowledge about breast cancer and breast screening, they will perform more screening practice ( $p < 0.05$ ).

There is no significant relation found between younger and older women in knowledge but there is a positive correlation between education levels in knowledge. And women with family history in breast cancer only have significant difference in breast cancer knowledge, not in breast screening knowledge with women who have no family history in breast cancer.

76% (N=76) participants reported performing breast self-examination (BSE); 74% (N=74) reported having clinical examination regularly by health care professional or doctor; 60% (N=60) reported having mammography. The major reasons for the large participants (N=76) began BSE are the influence of mass media, and family history.