



Factors Affecting Breast Self Examination(BSE) Behavior Among Female High School Students in Denpasar City, Bali

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INTRODUCTION

Breast cancer is the most common type of cancer for women worldwide and in Indonesia. Breast cancer patients in Bali, especially in Denpasar, are mostly diagnosed during advanced stage. Among those late stage diagnosis, 40-50 years old being the most prevalent with young women (<40 years old) being above average in prevalence. Early detection such as Breast Self Examination (BSE) is very crucial to prevent late stage detection. Therefore, we aimed to evaluate factors affecting BSE behavior among female high school students in Denpasar City, Bali Province, Indonesia.

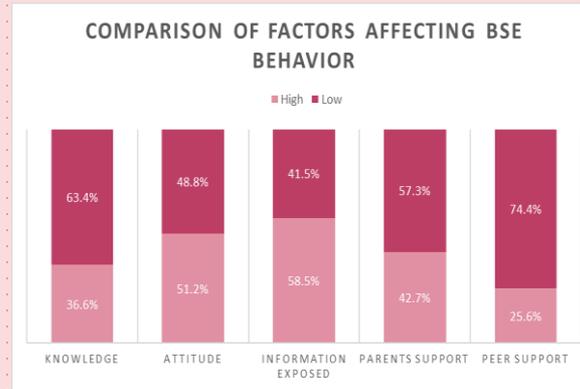
METHODS

A community based cross-sectional study was conducted on 11 January 2020 in Denpasar, Bali. The data is collected using a validated questionnaires to evaluate knowledge, attitude, behavior, information exposure, parent support, and peer support as factors affecting BSE behavior among female high school students. All of the data were processed and analyzed using SPSS v.25.



RESULTS

82 respondents were involved in this study with a mean age of $15.93 \pm 0,798$ years.



Item	Response	N= 82(%)	Chi Square	OR
Knowledge	High	63.4%	$\chi^2 = 11.024$ $p = 0.001$	6.500
	Low	36.6%		
Attitude	Good	51.2%	$\chi^2 = 2.779$ $p = 0.096$	2.178
	Bad	48.8%		
Information Exposed	Good	58.5%	$\chi^2 = 8.979$ $p = 0.003$	4.667
	Bad	41.5%		
Parents Support	Good	42.7%	$\chi^2 = 3.781$ $p = 0.052$	2.470
	Bad	57.3%		
Peer Support	Good	25.6%	$\chi^2 = 5.142$ $p = 0.023$	3.185
	Bad	74.4%		

CONCLUSION

We conclude that the factors affecting BSE behavior among female high school students in Denpasar City are knowledge, BSE information exposure, and peer support sequentially.

TAKE HOME MESSAGES

We suggest greater attention in improving students' knowledge, expose more information about BSE, and educate peer support towards BSE among female high school students in Denpasar, Bali.

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