

**THE RELATIONSHIP BETWEEN ADOLESCENT GIRLS'
KNOWLEDGE AND BSE (BREAST SELF-EXAMINATION)
BEHAVIOR AS AN EARLY DETECTION OF BREAST
CANCER AT PUBLIC SENIOR HIGH SCHOOL NUMBER 2
JAMBI CITY**

THESIS

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The Relationship Between Adolescent Girls' Knowledge and BSE (Breast Self-Examination) Behavior as an Early Detection of Breast Cancer at Public Senior High School Number 2 Jambi City

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Abstract

Breast cancer is one of the most common diseases among women and can be fatal if not detected early. BSE (Breast Self-Examination) is a self-examination method that can be performed independently to detect abnormal changes in the breasts; therefore, it is important for adolescent girls to understand and practice this examination. This study aims to determine the relationship between adolescent girls' knowledge and BSE (Breast Self-Examination) behavior as an early detection method for breast cancer. The research used a quantitative approach with a descriptive-analytic and cross-sectional design. The study was conducted on June 13, 2025, involving 84 students from grades X and XI who were selected using proportional random sampling. Data were collected through a questionnaire measuring knowledge level and BSE behavior. The results showed that 69% of adolescent girls had good knowledge, while 51.2% demonstrated poor BSE behavior. Bivariate analysis using the Chi-Square test showed a significant relationship between knowledge and BSE behavior, with a p-value of 0.004. These findings indicate that good knowledge can encourage positive behavior in the early detection of breast cancer. Therefore, it is important for educational institutions, especially public senior high school number 2 Jambi City, to enhance students' knowledge and behavior by providing education about BSE so that adolescent girls become more aware of their breast health.

Keywords: adolescent girls, behavior, breast cancer, BSE (breast self-examination), knowledge