



## Mother's Attitude And Knowledge About Uterine Cancer Through Pap Smear Examination

Elfira Sri futriani<sup>1\*</sup>, Eli Indawati<sup>2</sup>, Resi Galaupa<sup>3</sup>, Grasiona Florida Boa<sup>4</sup>

<sup>1,2,3</sup>STIKes Abdi Nusantara, Jakarta, Indonesia

<sup>4</sup>Akademik Keperawatan Waikabubak, Nusa Tenggara Timur, Indonesia

Abstract	Article Information
<p><b>Purpose:</b> Cervical cancer is one of the most common cancers that affects women in the world. Deaths from cervical cancer are projected to rise by almost 25% over the next 10 years. One of the reasons is a mother's lack of knowledge about early screening of cervical cancer and doing Pap Smear. <b>Methods:</b> To find out the relationship between knowledge and early prevention of cervical cancer through Pap Smear. This type of research is cross sectional analytical with sampling techniques using purposive samplings. <b>Results:</b> The result was a decrease in the depression rate of 63.3%, a moderate 23.3% and a weight of 13.3%. The analysis obtained a value of 0,000 which showed a significant difference between before and after the action of the Guide Imagery in children suffering from depression in the village of Sarampad Cianjur. <b>Conclusion:</b> This research shows a link between Knowledge and Early Prevention of Cervix Cancer through Pap Smear.</p>	<p><b>Keywords:</b> Children; Depression; Guided Imagery</p>
<p><b>Corresponding author:</b> Elfira Sri Futriani  <a href="https://orcid.org/0000-0002-5167-9127">https://orcid.org/0000-0002-5167-9127</a>            address Jalan Swadaya            E-mail: elfirasrifutriani@gmail.com</p> <p>Received: 19 January 2024 / Revised: 29 January 2024 /            Accepted: 30 January 2024</p>	<div data-bbox="869 1081 963 1176" style="text-align: center;">  <p>Check for updates</p> </div> <div data-bbox="869 1207 963 1245" style="text-align: center;">  </div> <p><b>Lisensi:</b> cc-by-sa</p> <p><small>Copyright © 2024 penulis</small></p>

### INTRODUCTION

There are 604,127 cases of cervical cancer worldwide by 2020, while the highest incidence in Asia is 58.2%, or an estimated 351,720 cases. (WHO,2020). Ninety-five percent of cervical cancer is caused by sexually transmitted human papilloma virus (HPV) infection (Kemenkes, n.d.2022) According to data in the Indonesian Health Profile 2016, the percentage of IVA coverage in the province of Banten in 2016 ranked third lowest in the entire province in Indonesia with only 16,178 participants (0.89%) and 93 IVA positive. (Kemenkes et al., n.d 2019).

For the prevention and control of cancer in Indonesia, the two most prevalent cancers in Indonesia – breast and cervical cancer – the government has undertaken

various efforts, including early detection of breast and cervix cancer in women aged 30-50 using the Method of Clinical Breast Examination (SADANIS) for breast and Visual Inspection with Acetic Acid (IVA) for cervical. cervical cancer is a malignant tumor that grows in the cervix or cervical neck, a cancer that occurs in the neck of the uterus, an area in the female reproductive organs that is the entrance to the womb that lies between the utero and the hole for sexual intercourse. (vagina). (Novita Sari et al., 2017).

The incidence of cervical cancer can actually be reduced by undertaking primary preventive efforts such as enhancing or intensifying awareness-raising activities to the public to implement a healthy lifestyle, avoiding risk factors for developing cancer, immunization with HPV vaccine and followed by early detection of cervix cancer through Pap Smear or IVA examination. (inspection visual use asam asetat). Currently, the coverage of early detection of cervical cancer in Indonesia through pap smear and IVA is still very low (about 5%), whereas the effective coverage in reducing the rate of pain and death from cervical cancers is 85%. (Septadina, 2015) Cancer prevention can be known by early examination in women of fertile age who are already couples and have sex, i.e. by screening. A cancer screening test is a method used to detect a specific cancer target, and can consist of one modality or a combination of tests. Examples of screening tests are laboratory tests of blood or body fluids, physical examination, invasive procedures and imaging. Cancer screening tests can identify individuals without symptoms who have a high likelihood of developing cancer. The subjects were divided into two groups: those with normal test results (maybe no cancer) and those with abnormal results. (kemungkinan besar terkena kanker). The effectiveness of cancer screening is determined by comparing the results to determine whether the benefits are greater than the losses and whether both are comparable to the costs. An effective screening test should be able to detect cancer at an early stage with acceptable sensitivity, specificity, and predictive values. These tests should be safe: the individual who performed the screening showed no symptoms and should not experience any complications from the screenings. In order to be applicable to a large population, screening tests should be simple, inexpensive, and easily accessible. (Muhammad, 2019).

The low number of women aged 30 to 50 who undergo cervical and breast examinations in Banten Province in 2020 is one of the causes of the COVID-19 pandemic which caused the WUS to refuse to come to the health care facility to perform the examination. This figure is still quite low from what the Ministry of Health has established is 3 percent. District/City with the highest percentage of IVA positive is Tangerang South 3 percent in second place district Pandeglang 1.5 percent In district Lebak of 41 number of puskesmas, 21 Puskesmas carry out early detection activities IVA, with the number of women aged 30-50 years as much as 100.00 people, less than 5000 who do the neck and uterus examination. Data obtained from Puskesmas Rangstart in November 2022 IVA service activities, there are 47 WUS mothers carrying out the examination, 12 mothers detected there are inflammation, 2 mothers identified and lesions are recommended to be referred to further examination at the hospital.(Dinkes Lebak, 2022), n.d.

## METHOD

This study uses descriptive analysis that is The To find out the relationship between knowledge and early prevention of cervical cancer through Pap Smear. This type of research is cross sectional analytical with sampling techniques using purposive samplings total of women for sample in this research are 40 women.

## RESULTS AND DISCUSSION

**Table 1. Demographic Characteristics of Studied Participants** (N=40)

Characteristic		N (%) or M±SD	p
Age	20-30	15 (37,5)	.060
	31-40	25 (62,5)	
Education	Secondary	1 (2,5)	.875
	Junior	21 (52,5)	
	Senior	15 (37,5)	
	College	3 (7,5)	
Occupation	Housework	30 (75)	.529
	Employee of Government	7 (17,5)	
	Private	3 (7,5)	

M=mean;SD=standar deviation

Table 1 above shows that the majority of respondents are aged 31-40 or 25 (62,5%), based on education, the highest number are graduates of junior high school 21(52,5%), while based on job characteristics 30 (75%) are housewives.

**Table 2. Distribution of Knowledge Value between Before and After Intervention (N=40)**

Variable		Mean	SD	SE	p
Knowledge of PAP Smear	Before Intervention	79,13	8,88	2,31	.000
	After Intervention	93,21	9,69	1,63	

Note: SD = Standard Deviation; SE = Standard Error Mean; p-value was calculated using the Pair T.Test test.

Table 2 shows that the average value of knowledge about PAP Smear before intervention was 79.13, with standard deviation 8.88, and standard error 2.31. However, after intervention, its average value was 93.21, with standard deviation 9.69, and the standard error 1.63. The statistical test result is 0,000 which means there is a significant difference in knowledge about PAP Smear before and after the intervention.

**Table 3. Distribution of Value of Knowledge and Attitude to Behavior (N=40)**

Variable	Behaviour	Mean	Median	p
		Pre	Post	
Knowledge of PAP Smear	Positive	57,40	49,13	.000
	Negative	49,10	46,37	
Attitude	Positive	58,45	56,17	.000
	Negative	56,15	53,79	

Table 3 The average value of knowledge about PAP Smear before intervention in respondents with a chance of positive behavior is 57,40 and the average age of fertility will behave negative (will not check) is 49,10. The statistical test result is 0,000 which means there is a significant difference in the behavior of the WUS before and after the intervention.

This study stated that there was a correlation between knowledge, attitude and decision to perform early detection of cervical cancer with PAP Smear, positive behavior after given intervention with an average of 58,45, in making decisions so that it could be seen the behaviour of the WUS to examine early Detection of Cancer because one of the obstacles in early detecting cervical cancers is a lack of information, one variable that is significantly related to the participation of women of childbearing age in the examination of early detection of cervical cancer method IVA is access to information (Adyani & Realita, 2020).

The attitude variables in respondents influenced the outcome of early detection of cervical cancer prior to intervention 56,17, whereas after intervention 53.79. From the results of the statistical tests obtained a p-value of 0,000 which means there is a significant influence of the variables of knowledge and attitude after being intervened in deciding for early detection of cervical cancer with PAP Smear.

Parity is also influenced by personal experience, according to which to be the basis of attitude formation, personal experience must leave a strong impression. Therefore, attitudes will be more easily formed when the personal experience occurs in situations involving emotional factors. This is in line with the Linda (2016) study that a positive attitude in the domination of multipares is as many as 30 respondents (43,5%), (Sabrina et al., n.d.) Women of Fertile Age (WUS) after the intervention have the opportunity to behave positively i.e. have awareness to detect early cervical cancer, WUS decision making to participate in early detection visits cervical cancers that can prevent or minimize the increase in incidence of cervix cancer and accompanying complications. The intention to perform early detection of cervical cancer is supported by self-effectiveness, perceived obstacles and benefits of early detecting cervical cancers.(Tatik, 2022).

## CONCLUSION

There was an increase in the average value of knowledge and post-intervention attitude. Moreover, there is a connection between knowledge and attitudes before and after intervention, which is the behavior of the WUS in early detection of cervical cancer. Therefore, there is a need for consistent education, Awareness of Indonesian women to perform early detection of cervical cancer regularly is still low. Fear, shame and low family support are the causes. In line with the results of the research that mentions that the less family support the lower also interest, if the support of the family is sufficient the interest is moderate, and instead the better the family support of a person the higher also interest in doing PAP Smear examination.

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