

# The Description of II Class Women Prisoners' Cervix in Semarang

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**Abstract.** The second highest cancer in the world is cervix. The early detection of cervix was done in order to give the description about pathophysiology, the risk, the symptoms, the invention of lesion of cancer, and treat them. The prisoners often faced the obstacle in doing the adaptation to the prison's environment. The longer isolation in the prison made the improvement of doing homosexual done by someone. It influenced to the cervix health that enabled traumatic. Besides that, the condition of the prison with bad sanitation and environment could decrease the quality of prisoners' life, facilitate the spread of health problems like TBC, HIV/AIDS. The method of this research was descriptive. The population was 44 women prisoner of class IIB in which two of them were infected by HIV. Speculum examination was done to the women prisoners. The result of this study showed that the test of positive IVA was 27.3% (12 women), the negative IVA was 72.7% (32 women), the partio erosion was 34.1% (15 women), the un partio erosion was 65.9% (29 women), whitish translucent was 36.4% (16 women) consisted of whitish was 54.5% (24 women), yellowish was 6.8% (3 women), and greenish was 2.3% (1 woman). From the result above, it could be concluded that the description of II class women's cervix in the prison was not health physically.

## INTRODUCTION

The second highest type of cancer in women in the world is the servical cancer ( 16 per 100,000 women ) . The type of cancer the second highest in-patients in hospitals across Indonesia in 2010 was cervical cancer ( 12.8 % ) . Cancer prevention efforts in Indonesia is not optimal , because nearly 70 % of new cases were found in the advanced stages .

Program activities early detection of cervical cancer uterus can give an idea of the associated pathophysiology , risk factors , symptoms , the discovery of pre-cancerous lesions and treating pre-cancerous lesions . In accordance with WHO recommendations , that the success of early detection of cervical cancer will occur when it can cover at least 80 % of the population at risk , which means 80 % of the female population aged 30 s / d 50 years .

According Edianto (2006 ) more than 90% of the causes of cervical cancer is HPV (Human Papilloma Virus ) is transmitted by sexual intercourse . In addition there are some risk factors that affect the incidence of cervical cancer are age marry young / first coitus , high parity , low socio-economic groups ( low education , age of marriage , low hygiene , education , occupation and income ) .

Prisoners serving a sentence in prison often have problems in adapting to the prison environment and in an effort to meet the needs of both biological and psychological needs . Cooke , Baldwin , and Howison (1990 ) , reveals that prisoner face various problems , not only from within the prison , but also from outside the prison . Criminal inmates undergo physical and psychological punishment , such as loss of individual freedom , love of children or spouse . Among the prisoners there who feel less comfortable because the room cells that tend to narrow and stuffy , limited bathroom and water facilities are often not smooth .

The facilities were completely inadequate , is less concerned about power cuts and water activities in the Penitentiary is not going well because of the lack of facilities and infrastructure

Conditions prisons / detention which is the case with poor sanitation and the environment can degrade the quality of life for residents prisons / detention . This in turn can facilitate the spreading of various diseases . Meanwhile on the other hand , the availability of facilities and infrastructure is still low which resulted in prison / detention center was not able to provide adequate health services . In such conditions the inmates prone to health problems , such as

very susceptible to infection / disease, tuberculosis, HIV / AIDS , psychiatric disorders , and psychiatric crisis . Preliminary study in prison Class IIB Semarang City there are 15 inmates who have a positive HIV status .

Study homosexuals in prison ever conducted by Helen M. Eigenberg focuses on the processes of change sexual orientation in men's prison . The man who originally had a heterosexual sexual orientation turned into homosexuals. Isolation long since locked up in the prison resulted in effects among others ; homosexual practices evolve ( Kartini Kartono , 1992) . Homosexuality in the life of society regarded as a taboo and controversial , but in prison it becomes commonplace .

Based on the above research , the researchers are interested to know the description of the cervix in women prisons occupant class II .

## METHODS

This type of research used in this research is descriptive . Descriptive research method is a method of research conducted with the main objective to create a picture or descriptive of a situation objectively ( Notoatmodjo , 2000) . Using a cross sectional study design or cross-sectional study which subjects observed only once , and the measurement is made on the character or variable subjects during the examination . In this study, the sampling technique used is by accidental sampling technique . Accidental sampling is sampling accidental ( accidental ) by taking the case or the respondent accidental or available somewhere within the context of research ( Sugiono , 2010) . Samples used as many as 44 people .

## RESULTS

### 1. IVA test

Table 1. Frequency Distribution of IVA Test results

No	IVA Test	Amount	Percentage
1.	Positive	12	27,3 %
2.	Negative	32	72,7 %
Amount		44	100 %

IVA test results distinguish positive and negative , indicating that respondents with a positive VIA test as many as 12 people or 27.3 % , and the IVA Test negative as many as 32 people or 72.7 % .

Visual inspection of acetic acid ( VIA ) in the English language is Visual Inspection of the uterine cervix with acetic acid ( VIA ) is porsio inspection with the naked eye and confirmed positive when after 20 seconds rubbing with 3-5 % acetic acid appear white area ( white epithelium ) . IVA also called servikoskopi . The existence of the " white spots " after acetic acid staining probably due to precancerous lesions of the cervix.

IVA is one method for early detection of cervical cancer . Screening with IVA is stated easier , simpler , and less expensive than the pap smear test . Cervical cancer is caused by HPV ( Human Papilloma Virus ) HPV virus is transmitted through sexual intercourse . Risks starting from the first sexual contact .

At inmates , expression and sexual fulfillment experiencing barriers to be distributed . solasi long since locked up in the prison resulted in effects among others ; homosexual practices evolve ( Kartini Kartono , 1992) . Homosexuality in the life of society regarded as a taboo and controversial , but in prison it becomes commonplace .

### 2. Erosion portio

Table 2. Frequency Distribution Erosion Portio

No	Erosion Portio	Amount	Percentage
1.	Yes	15	34,1 %
2.	No	29	65,9 %
Amount		44	100 %

Results showed the erosion of the lower portion of respondents who experienced many as 15 people or 34.1 %, and the lower portion is not eroded as much as 29 people or 65.9 % .

Erosion portio is an inflammatory process or an injury that occurred in the cervical portio uteri ( cervix) . The reason could be due to infection with germs or viruses , could also be due to a chemical stimulus / specific tools ; usually caused by infection . Porsio erosion can be caused by trauma ( sexual intercourse , use tampons , a foreign object in the vagina , or exposed to a speculum ) and vaginal hygiene factor .

A large proportion of women in prison have been victims of sexual violence . Sexual violence indicate unequal sexual relationships and any element of compulsion in sexual intercourse occurred . If there is penile penetration by force or coercion will facilitate the female reproductive organs ( mucosal ) cuts or irritation .

Cindy Struckman - Johnson. et . al . Sexual coercion in research Reported by Men and Women in Prison reported seven percent of victims of sexual violence in prison is a female occupant . Fifty percent of the women who become the victims said they had been forced to have sexual intercourse , vaginal, anal , or oral . Of cases of sexual violence , as many as 18 % of them carried out by prison staff .

### 3. Keputusan

Table. 3 Frequency Distribution vaginal discharge

No	vaginal discharge	Amount	Percentage
1.	Clear	16	36,4 %
2.	White	24	54,5 %
3.	Yellow	3	6,8 %
4.	Green	1	2,3 %
Amount		44	100 %

Results showed leukorea translucent respondents experienced as many as 16 people or 36.4 % , white as many as 24 people or 54.5 % , yellow as much as 3 or 6.8 % , and green as much as 1 person or 2.3 % .

Whitish translucent included in the category of normal or physiological discharge . Whitish fluid like this would normally be seen at the beginning of the cycle up to ovulation . Whitish sticky and bias of this type help pull the sperm into the uterus .

White vaginal discharge triggered by fungal or yeast infection and causes mucus or white liquid such as condensed milk , but without strong odors . Other symptoms are usually accompany severe itching and sores around the vaginal pain during sex . Shifting the balance in the amount of normal bacteria in the vagina can also cause bacterial vaginosis infection . Mucus vaginal discharge appears to be smelled fishy and white or gray , but not itchy or irritated. This infection can be treated with antibiotics .

Whitish and yellowish green , whitish kind is usually caused by trichomoniasis , a sexually transmitted disease that is caused by a parasite . Mucus is usually due to infection in large numbers, smelling , and accompanied by the pain when urinating . Swelling and itching around the vagina are also experienced by patients with trichomoniasis . These infections can also be treated with antibiotics .

Some causes of vaginal discharge that is unusual due to the use of public toilets, stress , unhealthy diet , and the use of the wrong underwear . In prison the use of public facilities such as toilets and water is very limited so as to allow the lack of cleanliness in the tool genitalia that cause infection. Food is also not very well thought out , eat regular instant cause whitish because basically we need a reproductive adequate nutrition .

Overcrowding situation ( the number of residents who exceed the carrying capacity ) has caused a number of problems caused by deteriorating prison facilities and services . For women residents, this situation puts them at their own vulnerability exposed to the disease . Design conceived prisons and detention centers for men that do not take into account the specific needs of female occupants related to reproductive health such as menstruation , pregnancy, childbirth , and child care in prison . Plus the conditions of prisons overcrowding, the female occupants will have different vulnerabilities with the male occupant , other than because of differences in physical and psychological conditions between men and women.

## CONCLUSIONS

Based on the description of the results of research that has been put forward in the previous chapter , it can be concluded from the results of the overall findings as follows :

1. IVA positive test as many as 12 people or 27.3 %, and the IVA Test negative as many as 32 people or 72.7 % .
2. Erosion portio as many as 15 people or 34.1 %, and the lower portion is not eroded as much as 29 people or 65.9 % .

Vaginal discharge c as many as 16 people or 36.4 % , white as many as 24 people or 54.5 % , yellow as much as 3 or 6.8 % , and green as much as 1 person or 2.3 % .

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