









What is cervical cancer?

-Cervical cancer is the invasion of malignant cells into the uterine cervix. It is usually caused by high risk strains of the human papillomavirus (HW).





14th





The sensitivity of the pap test in detecting cervical cancer has been found to be about 68% with a specificity of about 75%.

	Cervical Cancer Present	Cervical Cancer Not Present
Pap Test +	True positive=68%	False positive=25%
Pap Test -	False negative=32%	True negative=75%

National Cancer Institute. Dourth. Cervical concer screening (FDQI-beath professional version. Re https://www.cancer.gov/hypeo/cervical/hypeoryccal-screening-pdq/kirk/_Bi_foc



Gold Standard for Diagnosis: Colposcopy

-The gold standard for diagnosing cervical cancer is a colposcopy with biopel, which appropriately identifies the type and seventy of coli changes discovered by a pap text.

Interpretation of Results





4 Pros and Cons of Pap Tests





-Possible prevention of cervical cancer -Identification of high risk HPV strains -Usually fully covered by health insurance

-Substantial risk of false positive or false negative result -Could lead to unnecessary testing and stress

\$1.0 Billion

Expenditure that could be avoided with routine processing Cancer Screening



Pay least have significantly improved correct cancer survival rates through the early detection of potentially survival rates through the early detection of potentially survival rates through the early detection of potentially considerable population, there are still algorithment improvements that should be made for improving the persistivity and specificity rates should be compared to the properties of t

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