

CERVICAL CANCER



There are five main types of cancer that affect a woman's reproductive organs: cervical, ovarian, uterine, vaginal, and vulvar. As a group, they are referred to as gynecologic (GY-neh-kuh-LAH-jik) cancer. (A sixth type of gynecologic cancer is the very rare fallopian tube cancer.)

This fact sheet about cervical cancer is part of the Centers for Disease Control and Prevention's (CDC) *Inside Knowledge: Get the Facts About Gynecologic Cancer* campaign. The campaign helps women get the facts about gynecologic cancer, providing important "inside knowledge" about their bodies and health.

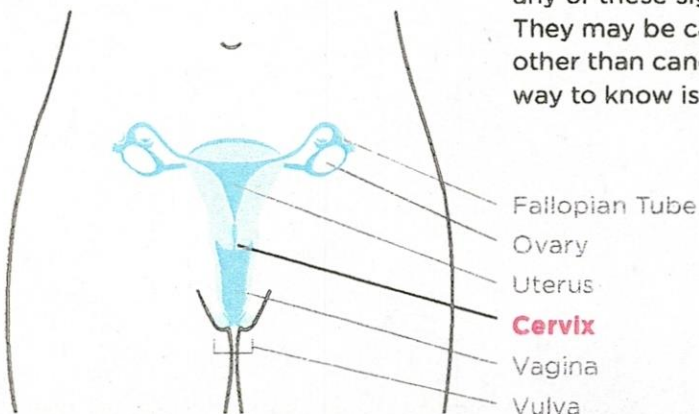


What Is cervical cancer?

Cancer is a disease in which cells in the body grow out of control. Cancer is always named for the part of the body where it starts, even if it spreads to other body parts later.

When cancer starts in the cervix, it is called cervical cancer. The cervix is the lower, narrow end of the uterus. The cervix connects the vagina (the birth canal) to the upper part of the uterus. The uterus (or womb) is where a baby grows when a woman is pregnant.

Cervical cancer is the easiest gynecologic cancer to prevent with regular screening tests and follow-up. It also is highly curable when found and treated early.



Who gets cervical cancer?

All women are at risk for cervical cancer. It occurs most often in women over age 30. Each year, approximately 12,000 women in the United States get cervical cancer.

The human papillomavirus (HPV) is the main cause of cervical cancer. HPV is a common virus that is passed from one person to another during sex. Most sexually active people will have HPV at some point in their lives, but few women will get cervical cancer.

What are the symptoms?

Early on, cervical cancer may not cause signs and symptoms. Advanced cervical cancer may cause bleeding or discharge from the vagina that is not normal for you, such as bleeding after sex. If you have any of these signs, see your doctor. They may be caused by something other than cancer, but the only way to know is to see your doctor.

Are there tests that can prevent cervical cancer or find it early?

There are two tests that can either help prevent cervical cancer or find it early:

- The Pap test (or Pap smear) looks for precancers, cell changes, on the cervix that can be treated, so that cervical cancer is prevented. The Pap test also can find cervical cancer early, when treatment is most effective. The Pap test is recommended for women aged 21-65 years old.
- The HPV test looks for HPV—the virus that can cause precancerous cell changes and cervical cancer.

Inside Knowledge is an initiative that supports the Gynecologic Cancer Education and Awareness Act of 2005, or Johanna's Law, which was unanimously passed by the U.S. House and Senate in December of 2006, and signed into law in January 2007.

When should I get tested for cervical cancer?

The Pap test is one of the most reliable and effective cancer screening tests available. You should start getting regular Pap tests at age 21. If your Pap test results are normal, your doctor may say that you will not need another Pap test for three years.

The HPV test can be used to screen for cervical cancer along with the Pap test in women aged 30 years and older. It also is used to provide more information when women aged 21 years and older have unclear Pap test results.

If you are age 30 or older, you may choose to have an HPV test along with the Pap test. If the results are normal, your chance of getting cervical cancer in the next few years is very low. Your doctor may then say that you can wait up to five years for your next screening.

For women aged 21-65, it is important to continue getting a Pap test as directed by your doctor—even if you think you are too old to have a child or are not having sex anymore. However, your doctor may tell you that you do not need to have a Pap test if either of these is true for you:

- You are older than 65 and have had normal Pap test results for several years.
- You have had your cervix removed as part of a total hysterectomy for non-cancerous conditions, like fibroids.

What raises a woman's chance of getting cervical cancer?

Almost all cervical cancers are caused by HPV. You are more likely to get HPV if you started having sex at an early age, or if you or your partner have had sex with several others. However, any woman who has ever had sex is at risk for HPV.

There are many types of HPV. Usually HPV will go away on its own, but if it does not, it may cause cervical cancer over time.

In addition to having HPV, these things also can increase your risk of cervical cancer:

- Smoking.
- Having HIV (the virus that causes AIDS) or another condition that makes it hard for your body to fight off health problems.
- Using birth control pills for a long time (five or more years).
- Having given birth to three or more children.

How can I prevent cervical cancer?

- See your doctor regularly for a Pap test that can find cervical precancers.
- Follow up with your doctor, if your Pap test results are not normal.
- Get the HPV vaccine. It protects against the types of HPV that most often cause cervical, vaginal, and vulvar cancers. It is recommended for preteens (both boys and girls) aged 11 to 12 years, but can be given as early as age 9 and until age 26. The vaccine is given in a series of either two or three shots, depending on age. It is important to note that even

women who are vaccinated against HPV need to have regular Pap tests to screen for cervical cancer. To learn more about the HPV vaccine visit www.cdc.gov/hpv/index.

- Don't smoke.
- Use condoms during sex.*
- Limit your number of sexual partners.

* HPV infection can occur in both male and female genital areas that are covered or protected by a latex condom, as well as in areas that are not covered. While the effect of condoms in preventing HPV infection is unknown, condom use has been associated with a lower rate of cervical cancer.

What should I do if my doctor says I have cervical cancer?

If your doctor says that you have cervical cancer, ask to be referred to a gynecologic oncologist—a doctor who has been trained to treat cancers like this. This doctor will work with you to create a treatment plan.

Where can I find free or low-cost Pap tests?

If you have a low income or do not have insurance, you may be able to get a free or low-cost Pap test through the National Breast and Cervical Cancer Early Detection Program. To learn more, call 800-CDC-INFO or visit www.cdc.gov/cancer/nbccedp.

Where can I find more information about cervical and other gynecologic cancers?

Centers for Disease Control and Prevention: 800-CDC-INFO or www.cdc.gov/cancer/gynecologic

National Cancer Institute: 800-4-CANCER or www.cancer.gov



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

www.cdc.gov/cancer/knowledge
800-CDC-INFO



Breast Cancer: *What You Need to Know*

Cancer is a disease in which cells in the body grow out of control. When cancer starts in the breast, it is called *breast cancer*. Except for skin cancer, breast cancer is the most common cancer in American women.

Breast cancer *screening* means checking a woman's breasts for cancer before she has any symptoms. A *mammogram* is an X-ray picture of the breast. Mammograms are the best way to find breast cancer early, when it is easier to treat and before it is big enough to feel or cause symptoms.

Most women who are 50 to 74 years old should have a screening mammogram every two years. If you are 40 to 49 years old, or think you may have a higher risk of breast cancer, ask your doctor when to have a screening mammogram.



Some things may increase your risk

The main factors that influence your breast cancer risk are being a woman and getting older. Other risk factors include—

- Changes in breast cancer-related genes (BRCA1 or BRCA2).
- Having your first menstrual period before age 12.
- Never giving birth, or being older when your first child is born.
- Starting menopause after age 55.
- Taking hormones to replace missing estrogen and progesterone in menopause for more than five years.
- Taking oral contraceptives (birth control pills).
- A personal history of breast cancer, dense breasts, or some other breast problems.
- A family history of breast cancer (parent, sibling, or child).
- Getting radiation therapy to the breast or chest.
- Being overweight, especially after menopause.

Symptoms

Some warning signs of breast cancer are—

- New lump in the breast or underarm (armpit).
- Thickening or swelling of part of the breast.
- Irritation or dimpling of breast skin.
- Redness or flaky skin in the nipple area or the breast.
- Pulling in of the nipple or pain in the nipple area.
- Nipple discharge other than breast milk, including blood.
- Any change in the size or the shape of the breast.
- Pain in the breast.

Other conditions can cause these symptoms. *If you have any signs that worry you, call your doctor right away.*

More Information

www.cdc.gov/cancer/breast/ • (800) CDC-INFO (800-232-4636) • TTY: (888) 232-6348

Can't afford a mammogram?

If you have a low income or do not have insurance and are between the ages of 40 and 64, you may qualify for a free or low-cost mammogram through CDC's National Breast and Cervical Cancer Early Detection Program. To learn more, call (800) CDC-INFO.