99% of cervical cancers are caused by an infection with certain types of the HUMAN PAPILLOMAVIRUS (HPV), which can now be largely prevented by vaccination.

The HPV vaccine is only effective when given before infection with HPV; experts advise getting the vaccine before becoming sexually active.

DID YOU KNOW?

- Most cervical cancers are caused by infection with a common virus, called Human Papillomavirus (HPV).
- HPV infections are very common in adolescents (age 20 or younger).
- Although some people develop warts from an HPV infection, many don’t have any symptoms. Someone can be infected and pass the virus without knowing it.
- You can prevent many HPV infections by getting vaccinated with the HPV vaccine.

The cervix is the lower narrow part of the uterus (womb) that connects to the vagina (birth canal). Cervical cancer usually affects women between the ages of 35 and 44 but it’s important for teens to learn about it now.

Human Papillomaviruses are a group of viruses, some of which cause genital warts (papillomas) and/or cancers of the cervix, anus, vagina, penis, throat, and other oral and head and neck cancers.

These viruses spread through sexual contact, including vaginal, oral or anal sex. Many people don’t know they’re infected because they don’t have symptoms, but the virus still causes damage.

The vaccine prevents HPV strains most commonly associated with cervical and other cancers.

The vaccine involves two to three doses to be fully vaccinated (depending on age at vaccination).

Doctors advise that all adolescents (guys, too) get vaccinated against HPV at age 11 or 12.

Only about 1/3 of adolescent girls have completed the HPV-vaccine series.

If 80% were vaccinated, it would prevent an estimated 53,000 cases of cervical cancer over their lifetimes.

The HPV vaccine is only effective when given before infection with HPV; experts advise getting the vaccine before becoming sexually active.

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The Roswell Park Care Network offers our high-quality cancer care, closer to home. For a full list of our suburban locations, visit RoswellPark.org/locations.
RISK FACTORS FOR CERVICAL CANCER

You may be at increased risk for cervical cancer if you:

- Have an HPV infection of the cervix
- Give birth to many children
- Have many sexual partners
- Have first sexual intercourse at a young age
- Smoke
- Use birth control pills for a long time (more than 5 years)
- Have a weakened immune system (from HIV or immune-suppressing drugs)

Having risk factors does not mean you will get cervical cancer. Talk to your doctor about your cancer risk.

TAKE CHARGE

ACT TO HELP PREVENT CERVICAL CANCER

- Get vaccinated against HPV (don’t forget to get all recommended doses)
- Talk to your doctor about cervical cancer screening at age 21
- Don’t smoke
- Practice safe sex to help reduce transmission of HPV

MEET OUR DOCTORS

1. Stacey Akers, MD, FACOG
   Gynecologic Oncology
2. Peter Frederick, MD, FACOG
   Director, Minimally Invasive Surgery, Gynecologic Oncology
3. Shashikant Lele, MD, FACOG
   Clinical Chief, Gynecologic Oncology
4. Katherine LaVigne Mager, MD
   Gynecologic Oncology
5. David Mattson, Jr., MD
   Director, GYN Radiation
6. Melissa Moffitt, MD, FACOG
   Gynecologic Oncology
7. Emese Zsiros, MD, PhD, FACOG
   Gynecologic Oncology

Before cancer appears, cells on the cervix go through changes, called dysplasia, which can be detected through a screening called a Pap test.