

UAB oncologists: HPV vaccine protects from cancer recurrence (w/ Video)

March 16 2010

A vaccine designed to prevent cervical cancer also may protect females from post-surgical recurrence of the disease, according to researchers at the University of Alabama at Birmingham (UAB).

A new study shows that the Gardasil vaccine reduces the likelihood of [human papillomavirus](#) (HPV)-related disease recurring after teen and adult [women](#) already have had surgery to remove [cancer](#) or certain pre-cancerous changes, said Warner Huh, M.D., an associate professor in the UAB Division of Gynecologic Oncology and lead presenter on the study.

The findings were announced March 15 at the annual meeting of the Society of Gynecological Oncologists in Chicago.

The study shows that Gardasil reduces by approximately 40 percent the chances that more cancer or pre-cancerous changes will occur in the cervix, vagina and vulva up to 3.8 years after a female has surgery for one of those conditions.

Huh said the findings are important because they answer a question many women and their doctors have been asking — does an HPV vaccine help treat virus-related changes in the body after women have surgery to treat similar changes?

"Based on this study, the data is compelling and suggests it does help to treat virus-related changes," Huh said. "Knowing that Gardasil also may offer postoperative protection from recurrent disease will be crucial in

follow-up care and overall health planning for teens and women."

The vaccine is approved to fight the four HPV strains believed to cause 70 percent of cervical cancers and more than 90 percent of genital warts

The study involved 17,622 women ages 15 to 26 from two clinical trials, some who were vaccinated and some who were not. Hundreds of study participants had surgery to remove cancer or certain pre-cancerous changes of the [cervix](#), vagina and vulva and to remove [genital warts](#).

Huh said the results are encouraging because patients treated for HPV-related disease are known to be at higher risk for contracting the same disease post-operatively. Reducing the risk and need of a secondary procedure is an important step in improving women's care, he said.

Provided by University of Alabama at Birmingham

Citation: UAB oncologists: HPV vaccine protects from cancer recurrence (w/ Video) (2010, March 16) retrieved 26 April 2024 from <https://medicalxpress.com/news/2010-03-uab-oncologists-hpv-vaccine-cancer.html>

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