
Hologic Comments on Important Cervical Cancer Screening Study

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The Women's Health Company

Hologic, Inc. (NASDAQ: HOLX) has commented on an important cervical cancer screening study published on-line this week in *Cancer Cytopathology*, a peer-reviewed journal of the American Cancer Society.

The study, by researchers at Quest Diagnostics and the University of Pittsburgh Medical Center, supports current consensus guidelinesⁱⁱ for cervical cancer screening, which recommend that women 30-65 years of age be co-tested with both Pap and human papillomavirus (HPV) tests. Pap tests identify cellular abnormalities, while HPV tests identify the presence of the virus that causes most cervical cancers.

Hologic issued the following statement on the study:

As cervical cancer screening approaches are being debated, important real-world patient data from the largest U.S. retrospective cervical cancer screening study ever completed show that HPV-only screening missed more cervical cancers than Pap testing alone or Pap-plus-HPV co-testing.

In the new study, which reviewed screening results from approximately 8.6 million women, 18.6% of women with confirmed cervical cancer received a negative test result when tested only with an HPV assay. In contrast, 5.5% of women with cancer who were co-tested received a negative test result, representing an approximate three-fold improvement in the cancer detection rate. Moreover, the study also demonstrated that co-testing offered superior detection of a pre-cancerous condition called CIN3.

Hologic believes the study results support the current consensus guidelines for cervical cancer screening, which recommend that women between 30 and 65 years of age be screened with both Pap and HPV tests, and that co-testing remains the preferred diagnostic standard for cervical cancer detection in women of this age group.

"At a time when the best screening approach for millions of women is being debated, it is important to remember that the Pap test is the most successful cancer screening test in history," said Edward Evantash, M.D., Medical Director and Vice President of Medical Affairs, Hologic. "The introduction of the Pap test decades ago has significantly reduced cervical cancer mortalityⁱⁱⁱ, and as the adoption of co-testing has increased, cervical cancer rates have declined further.^{iv,v,vi} We should not reverse the progress that has been made. As this significant study demonstrates, healthcare professionals should continue to rely on both Pap and HPV tests to safeguard their patients' health, recognizing that HPV-only screening will leave cancers undetected, and therefore untreated."

Hologic is committed to advancing women's health and providing valuable cervical cancer diagnostics. The Company offers a full range of diagnostic solutions proven to reduce false negatives and false positives, giving healthcare professionals the confidence to identify patients at risk for developing cancer, while minimizing unnecessary interventions.

About Hologic

Hologic, Inc. is a leading developer, manufacturer and supplier of premium diagnostic products, medical imaging systems and surgical products. The Company's core business units focus on diagnostics, breast health, GYN surgical, and skeletal health. With a unified suite of technologies and a robust research and development program, Hologic is dedicated to The Science of Sure. For more information on Hologic, visit www.hologic.com.

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