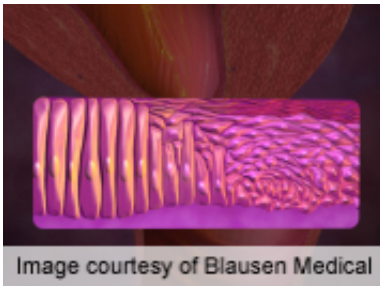


Single random biopsy ups detection of cervical disease

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(HealthDay)—In women with negative colposcopy, a single random biopsy increases detection of high-grade cervical disease, according to a study published online Sept. 8 in *Obstetrics & Gynecology*.

Warner K. Huh, M.D., from the University of Alabama in Birmingham, and colleagues conducted a post hoc analysis to examine the diagnostic yield of random biopsy for detecting high-grade cervical disease in women with negative colposcopy. Participants were from the Addressing the Need for Advanced human HPV Diagnostics trial, which screened more than 47,000 women.

The researchers found that random biopsy diagnosed 20.9 percent of the total cervical intraepithelial neoplasia (CIN) grade 2 or worse and 18.9 percent of CIN grade 3 or worse. Detection of this additional disease

occurred in women who were HPV 16- or 18-positive and for 12 other high-risk HPV-positive women. The absolute risks for detection of CIN 2 or worse and CIN 3 or worse were 13.1 and 8.2 percent, respectively, in women with HPV 16 or 18. In contrast, the absolute risks for detection were 3.5 and 1.7 percent, respectively, for CIN 2 or worse and CIN 3 or worse in 12 other high-risk HPV-positive women.

"Our study supports performing a random biopsy in [women](#) undergoing [colposcopy](#) without visible lesions, particularly in those positive for HPV 16 or 18," the authors write.

Several authors disclosed financial ties to the biotechnology industry, including Roche Molecular Systems, which funded the study.

More information: [Abstract](#)
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