Aptima® HPV
Designed With Your Patients and Your Practice in Mind

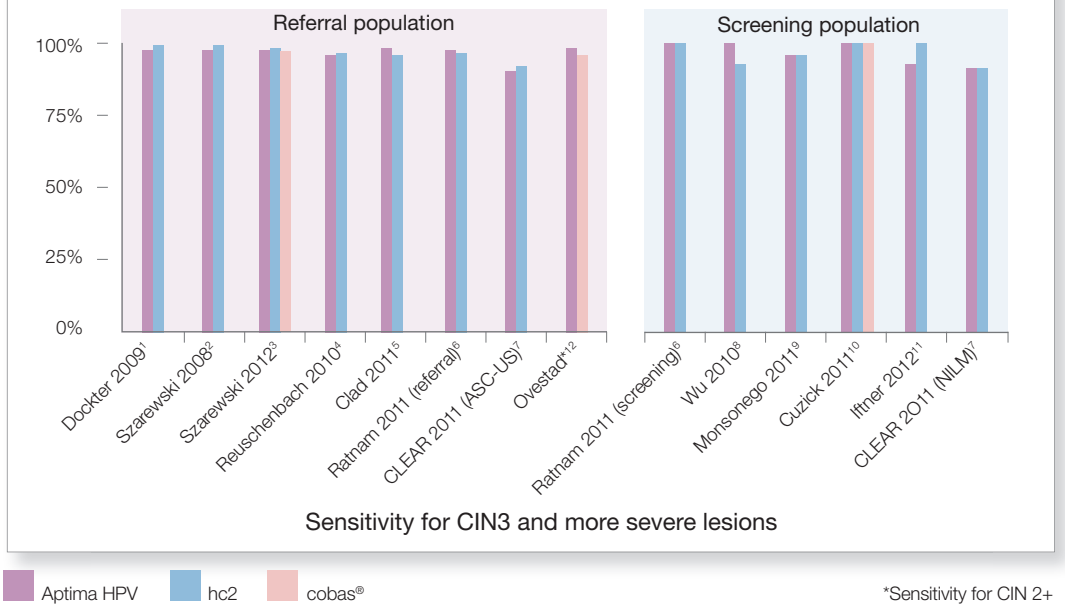
APTIMA® HPV

HOLOGIC®

Maximizing the Benefits

With intervals between recommended screenings for cervical cancer extended, identifying those patients at risk becomes increasingly important. Excellent sensitivity means minimizing false-negative test results. The Aptima® HPV assay, targeting mRNA, has shown equivalent sensitivity to common DNA-based tests:[1-12]

Clinical Sensitivity



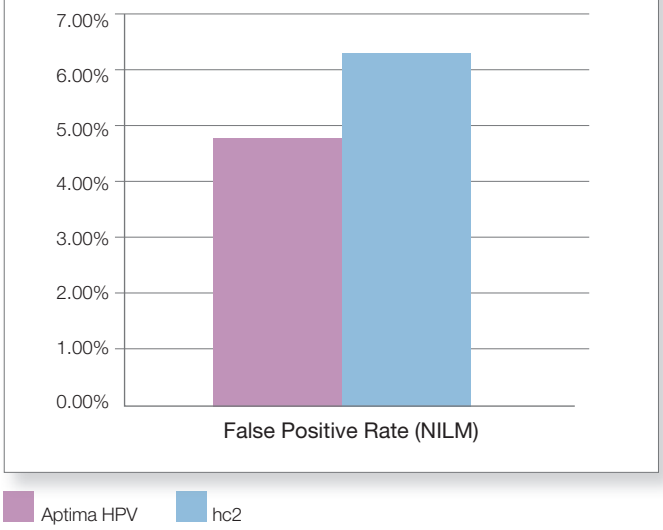
*Sensitivity for CIN 2+

While Minimizing Potential Harms

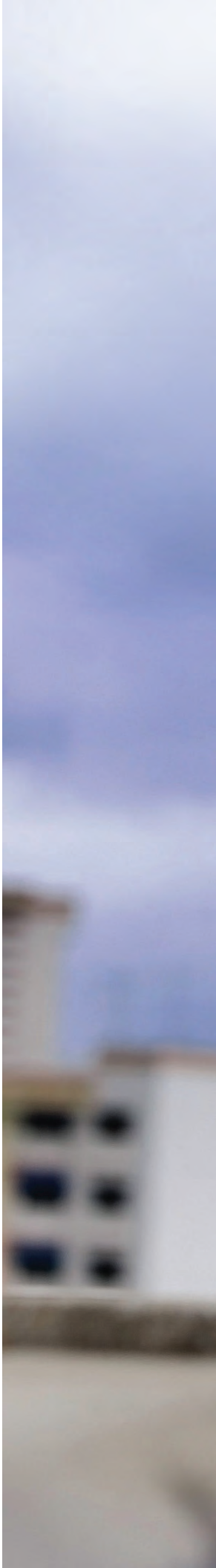
Minimizing false-positives helps clinicians target the right patients for colposcopy. In the NILM arm of the CLEAR trial, Aptima HPV showed 24% fewer false-positive test results compared to hc2.[7]

- **Minimizing difficult patient conversations**
- **Minimizing the potential for over-treatment**

Fewer False-Positive Results[7]*



*The graph at left represents data from the Aptima HPV Assay Package Insert Table 13.



The Aptima® HPV Assay Targeting E6/E7 mRNA:

The next generation in cervical cancer screening

Aptima® HPV targets high-risk HPV mRNA.
Studies have shown mRNA identifies the presence and activity of a high-risk HPV infection.[13,14]

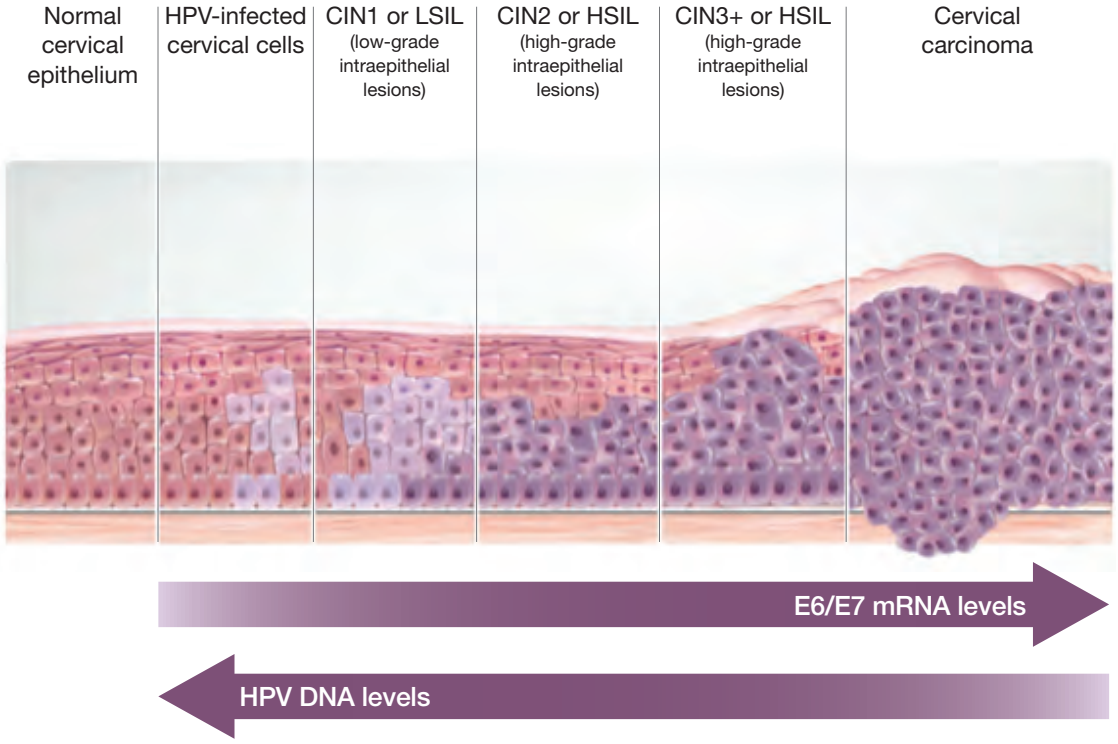
- Identifying E6/E7 mRNA is indicative of the HPV infections destined to lead to disease.[13,14]

Up to 80% of the population will have an HPV infection at some point in life. Very few will go on to develop cancer.[15]

HPV DNA from one of the 14 high-risk types identifies the presence of a high-risk HPV infection.

- Because HPV DNA levels may decrease as infections progress toward cancer, some HPV DNA tests may provide false-negative results in over 10% of the most severe cervical disease cases.[16]

mRNA and Cervical Disease



"The optimal screening strategy should identify those cervical cancer precursors likely to progress to invasive cancers (maximizing the benefits of screening) and avoid the detection and unnecessary treatment of transient HPV infection and its associated benign lesions that are not destined to become cancerous (minimizing the potential harms of screening)."

— Am J Clin Pathol 2012; 137:516-542

Cervical Cancer Screening Is What We Do

Hologic has been pioneering advances in cervical cancer screening since the FDA approval of the **ThinPrep® Pap test** in 1996.

We were first to introduce computer-aided screening with the FDA approval of the **ThinPrep® imaging system** in 2003.

In 2009, Hologic brought you the first FDA-approved genotyping test: **Cervista® HPV** 16/18.

Today, Hologic brings you the first FDA-approved HPV mRNA test with **Aptima® HPV** and the first genotyping test to include HPV type 45 in the **Aptima HPV 16 18/45 genotype assay.**

ThinPrep Pap test: The only liquid-based Pap test with FDA approval/ clearance for Pap, HPV, Chlamydia/Gonorrhea and Trichomonas testing from the same vial

The ThinPrep® Pap Test

FDA Approved
ThinPrep Pap test
Cervista HPV HR
Cervista HPV 16/18
Aptima HPV assay
Aptima HPV 16 18/45 Genotype assay
Roche cobas® HPV test
Roche cobas AMPLICOR CT/NG
Digene hc2

FDA Cleared
Aptima Combo 2 assay
Aptima Trichomonas assay
BD ProbeTec™ Chlamydia trachomatis (CT)
BD ProbeTec™ Neisseria gonorrhoeae (GC)

BREAST IMAGING SOLUTIONS • INTERVENTIONAL BREAST SOLUTIONS • BONE HEALTH
PRENATAL HEALTH • GYNECOLOGIC HEALTH • MOLECULAR DIAGNOSTICS

At Hologic, we turn passion into action, and action into change.

Hologic is defining the standard of care in women's health. Our technologies help doctors see better, know sooner, reach further and touch more lives.

HOLOGIC®

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