



HPV DNA Primary screening with cobas[®] HPV test

Advancing cervical cancer prevention



be confident

SCREEN

— TRIAGE

— DIAGNOSE

— The science that creates certainty.

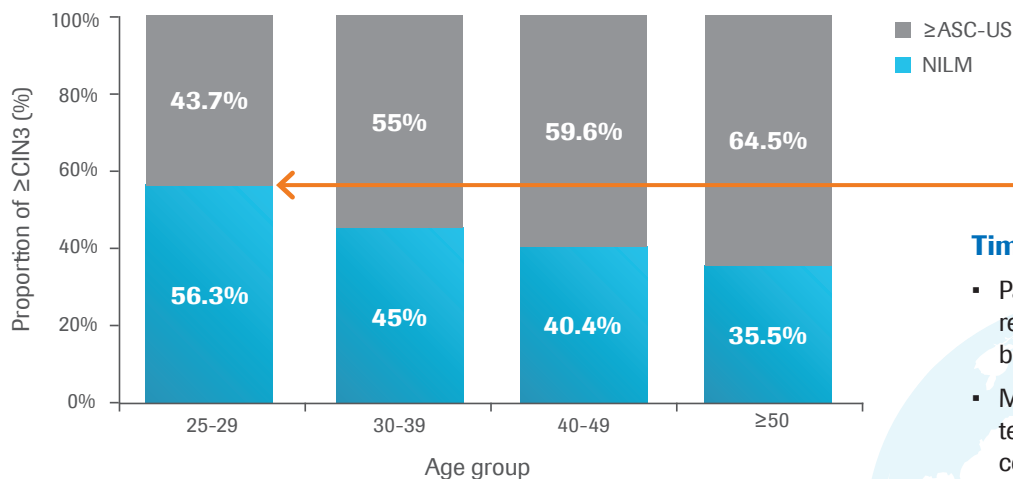
cobas[®]
HPV TEST

Evidence for change

Pap cytology accuracy is related to a woman's age

Comparison of Pap cytology performance vs. screening age

Confirmed \geq CIN3 in women ages 25-50+ years in ATHENA study (n=40,901)¹



Pap missed 56%
of disease in women ages 25-29

Time for advancement is here

- Pap cytology development in the 1940's revolutionized cervical cancer prevention but cancer rates are no longer declining
- Modern technology using HPV DNA testing identifies the cause of >99% of cervical cancer

Preventable — yet worldwide >250,000 women die of cervical cancer annually²

Earlier detection to preserve cervical health

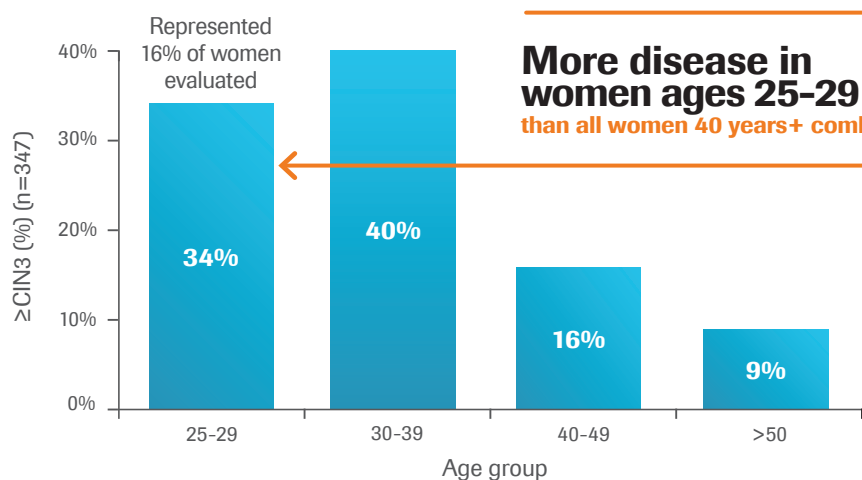


Help preserve fertility with more accurate detection

- Delayed detection of progressing disease may result in more invasive treatments, including hysterectomy

Cervical disease incidence by age group

Confirmed high-grade disease \geq CIN3 in women 25-50+ years (evaluable women n=40,901)¹



More disease in women ages 25-29
than all women 40 years+ combined

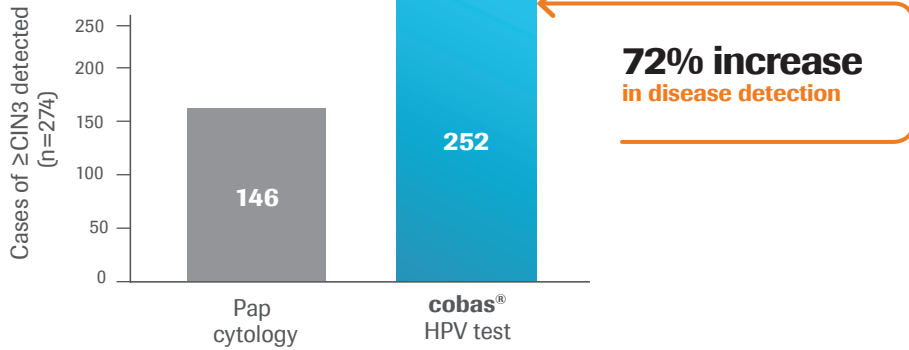
Women deserve the most accurate screening test, regardless of age

Providing an HPV test provides greater confidence of a woman's future cervical health than a Pap test alone¹

Greater reassurance of safety with cobas® HPV test

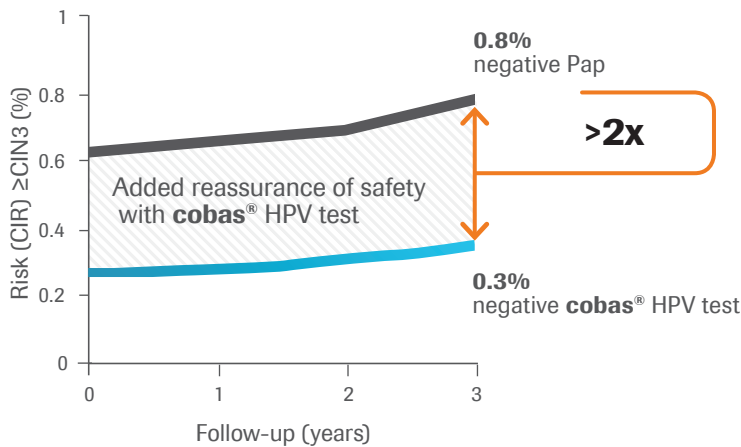
Proven superior to Pap cytology screening, in ATHENA study^{1,3}

Superior sensitivity



cobas® HPV test provides greater confidence for women and their clinicians

Greater reassurance for future health

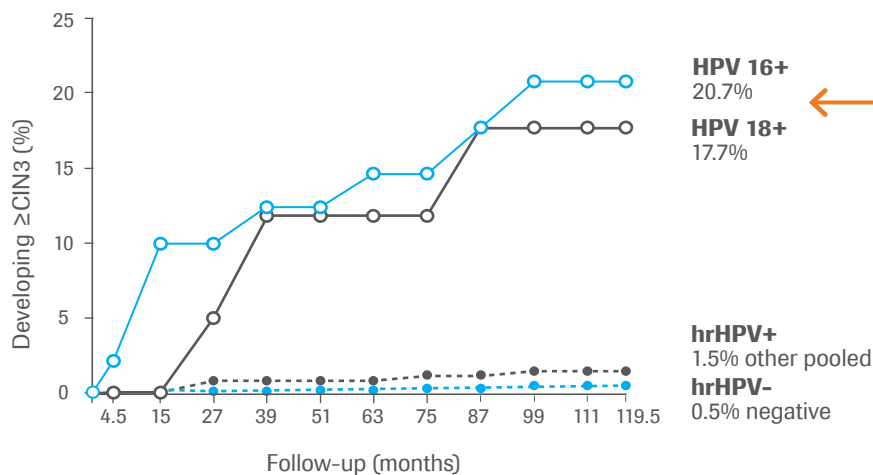


- cobas® HPV test is the superior predictor of cervical cancer risk compared head-to-head with Pap cytology
- Proven in the ATHENA study, in over 47,000 women ages 21-65 years

Extensive evidence to genotype HPV 16 and HPV 18

Cervical disease by genotype; 10-year cumulative incidence rate

Disease ≥CIN3 in women 30+ years with normal Pap cytology at baseline (n=12,976)⁴

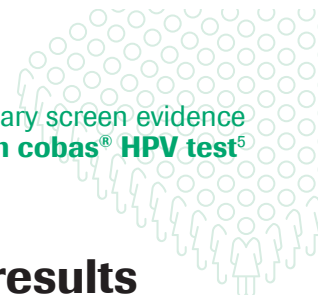


Most oncogenic genotypes

cobas® HPV test delivers actionable genotyping with 3-in-1 result:

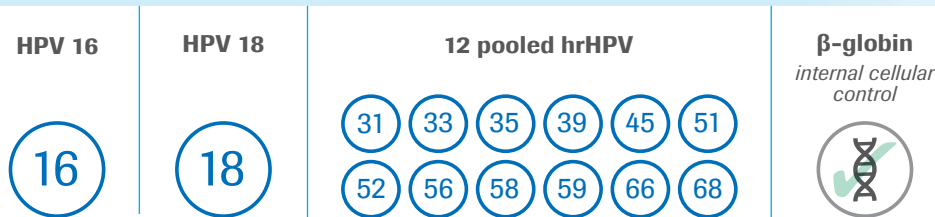
- ✓ HPV 16
- ✓ HPV 18
- ✓ pooled 12 high-risk HPV

Extensive primary screen evidence
 >216,000 women studied with cobas® HPV test⁵

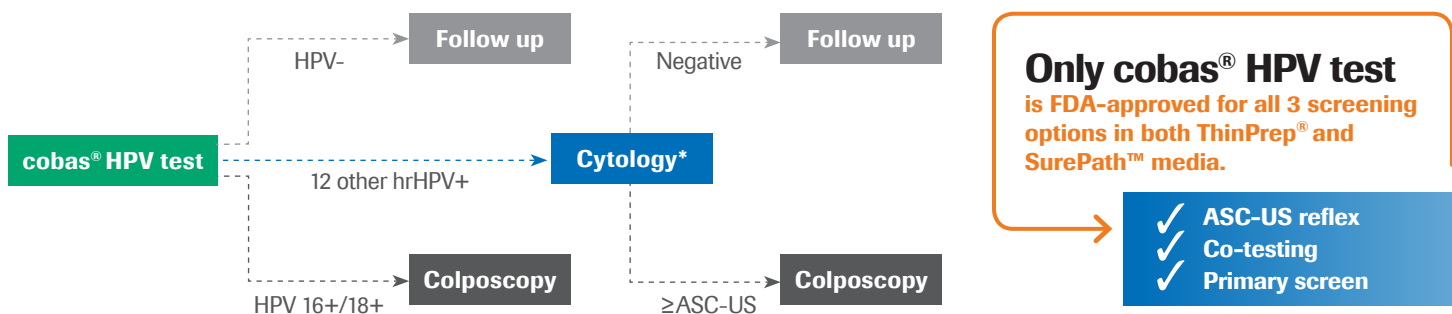


cobas® HPV test is optimised for accurate actionable results

Risk stratification with integrated sample quality protection



Screen for HPV DNA first-line, for the greatest screening sensitivity



*Including CIntec® PLUS Cytology (CE-IVD)
 Global cervical cancer medical guidelines support HPV as the primary screen⁸⁻¹¹

Trust cobas® HPV test for reliable results

<p>✓ Protection from False Negatives</p> <p>Internal Cellular Control: β-globin = Confidence a negative result is truly negative</p>	<p>✓ Confidence of HPV DNA</p>
<p>✓ Protection from False Positives</p> <p>No cross-reactivity⁶, unlike other HPV tests. Conclusive HPV16 and HPV18 genotyping</p>	<p>>20 years real-world experience using HPV DNA (limited data for mRNA)⁷</p> <p>Global professional guidelines support DNA for HPV screening specifically⁸⁻¹¹</p>

References

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The science that creates certainty.

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