## **Supplementary Appendix**

Accompanying the manuscript:

## Cost-Effectiveness of Cervical Cancer Screening with Human Papillomavirus (HPV) DNA Testing and HPV-16,18 Vaccination

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- (1) Natural History Model Structure, Calibration, and Evaluation
- (2) Selected Calibration and Evaluation Results
- (3) Prevention Strategies and Assumptions
- (4) Results for All Prevention Strategies under Alternative Vaccine Performance Assumptions
- (5) Selected Results of Sensitivity and Exploratory Analyses

#### Introduction

In the following supplementary appendix, we describe a model of human papillomavirus (HPV) and cervical cancer. The appendix is organized in the following manner. First, we briefly describe the model's structure. Next, we summarize the procedures used for model calibration. We also summarize procedures for model performance evaluation in terms of both face validity and external consistency, defined here as the comparison of model-predicted outcomes to data not used in calibration. Examples of the results from the calibration and performance evaluation for the model are also included. In addition to the information presented here, we also direct the reader to a paper and technical appendix we have published previously in an open-access journal, which provides documentation of the model structure, calibration, and evaluation.

Having described the natural history model, we continue by describing all screening and vaccination strategies considered in the cost-effectiveness analyses. We provide further detail about assumptions made in the base case for these strategies as well as in sensitivity and exploratory analyses. Details of modeled cervical cancer prevention strategies include those related to cost inputs and to assumptions used in modeling current screening practice.

Next, we provide modeled results for each alternative cancer prevention strategy in terms of the expected reduction in lifetime risk of cervical cancer, discounted lifetime costs, discounted quality-adjusted life years, and discounted life years. In addition to expected values, results also include the range of values that reflect uncertainty about the natural history of disease given available epidemiologic data. For the purpose of comparison given relative uncertainty about HPV vaccination, we also show these same results for alternative assumptions about the effectiveness and duration of protection provided by an HPV vaccine. Finally, we show selected results for a range of sensitivity and exploratory analyses including vaccine-induced herd immunity, screening test characteristics, and current screening practice.

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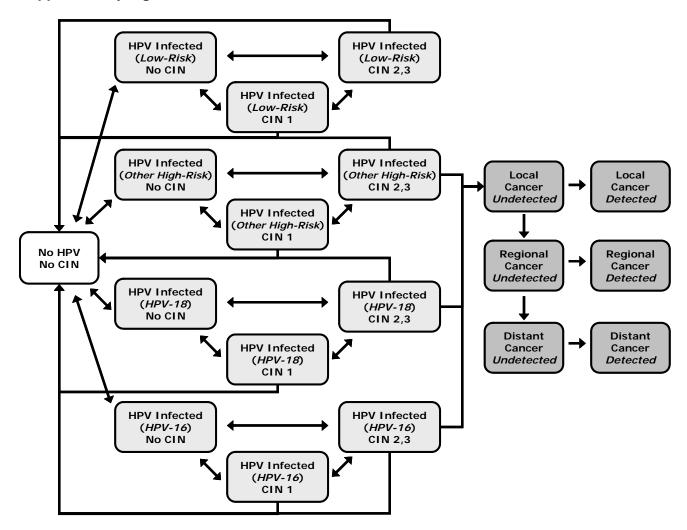
<sup>&</sup>lt;sup>1</sup> Goldhaber-Fiebert JD, Stout NK, Ortendahl J, Kuntz KM, Goldie SJ, Salamon JA. Modeling human papillomavirus and cervical cancer in the United States for analyses of screening and vaccination. Popul Health Metr 2007, 5:11 (29 October 2007).

#### **Model Structure**

The model is an individual-based stochastic model of cervical cancer. The model follows individual women throughout their lives, computing measures of health benefit including lifetime cervical cancer risk, cancer incidence and mortality, life expectancy and quality-adjusted life expectancy. The model also records all costs associated with events such as vaccination, screening, diagnostic follow-up, treatment of precancer, and cancer treatment and care. By simulating a large number of individual women, expected health benefits and costs of alternative prevention policies that may include screening, vaccination or both can be assessed.

The model's structure was designed to be consistent with current biological understanding of cervical carcinogenesis (**Supplementary Figure 1**). Each month, each individual has a chance of becoming infected with HPV. Those women with HPV infections have a chance of clearing their infections and of developing natural immunity to that HPV type. Type-specific natural immunity alters the probability of becoming infected with the same HPV type subsequently. HPV infection may lead to cervical intraepithelial neoplasia (CIN) of various degrees of severity. Only those women with persistent high-risk HPV infections and CIN2,3 may progress to invasive cervical cancer. Women with invasive cervical cancer may have their cervical cancer detected via symptoms, or else their cancer may progress to a more severe stage. All women have a chance of dying from all-cause mortality, and women with invasive cancer have an additional stage-specific chance of dying from their cancer.

### **Supplementary Figure 1. Model Structure Schematic**



Model Structure Schematic. Each box represents a health state in the natural history model. Health states are mutually exclusive and exhaustive, meaning that an individual occupies one and only one health state at a given time. HPV infection is stratified by type. A large population of individual girls enters the model (one by one) at age 9 in the "No HPV and No CIN" health state, indicating that they are not currently HPV infected and have no cervical intraepithelial neoplasia. Each month, a simulated individual ages and has a chance to transition from her current state to another state (transitions denoted by the dark black arrows) or else to remain in her current state. All women also have a chance of dying from all-cause mortality, and women with invasive cancer have an additional stage-specific chance of dying from their cancer.

#### **Model Calibration**

While the model structure defines relevant health states and possible transitions between those states, the probabilities of transitioning between states must also be defined. To do so, we derived initial estimates for monthly transition probabilities required by the model from published literature. Because of uncertainty about the estimates (model inputs) within each study reviewed and heterogeneity across studies due to methodological and population differences, we also defined wide plausible ranges around the model input values. However, not all combinations of model inputs from these wide plausible ranges produce model outputs consistent with observed epidemiologic data. Given the uncertainty in model inputs and the requirement of consistency with observed data, we used a calibration procedure.

Full details of model calibration have been described previously<sup>2</sup>. Briefly, the calibration of the model uses data from real-world studies to refine estimates of plausible combinations of model inputs so that model outputs are more consistent with observed epidemiologic data (calibration targets) than they were prior to calibration. To do this, the calibration procedure randomly samples sets of model input parameters from their plausible ranges, simulates model outputs based on each set of inputs, and then, using a likelihood-based good-of-fit scoring rule, selects sets of model inputs that are simultaneously consistent with multiple epidemiologic data sources.

Supplementary Figure 2 shows several examples of the results of calibration. In Supplementary Figure 2, black solid horizontal bars represent calibration targets. Calibration targets are 95% confidence intervals derived from one or more empirical studies. Dashed gray lines represent the range of model outputs prior to calibration (e.g., the range of model outputs generated from sets of model inputs sampled from their entire plausible ranges). Green solid lines represent the range of model outputs that result from calibration. The subset of model inputs that generate the "good-fitting" model outputs (e.g. those that fall within the green lines and ideally within black solid horizontal bars of the calibration) represent calibrated model inputs.

We perform all of our cost-effectiveness analyses as well as our sensitivity and exploratory analyses with multiple sets of model inputs sampled from the "good-fitting" calibrated model inputs. By doing so, we can estimate both the mean and range of quantities of interest such as the reduction in lifetime risk of cancer, total lifetime costs, and quality-adjusted life expectancy. We can also use the results from multiple sets of model inputs to perform probabilistic sensitivity analyses, in which we capture the uncertainty of our cost-effectiveness results with distributions of model inputs that are all consistent with observed epidemiologic data.

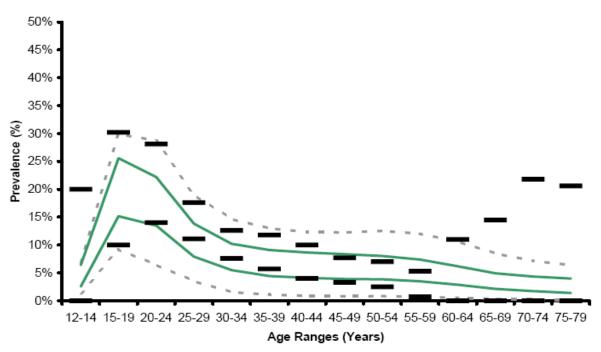
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<sup>&</sup>lt;sup>2</sup> Goldhaber-Fiebert JD, Stout NK, Ortendahl J, Kuntz KM, Goldie SJ, Salamon JA. Modeling human papillomavirus and cervical cancer in the United States for analyses of screening and vaccination. Popul Health Metr 2007, 5:11 (29 October 2007).

## **Supplementary Figure 2. Selected Model Calibration Results**

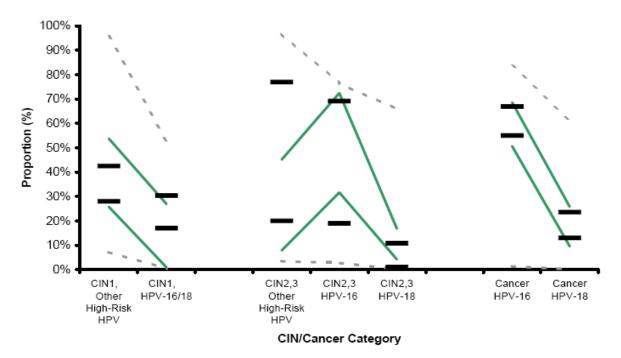
#### Panel A



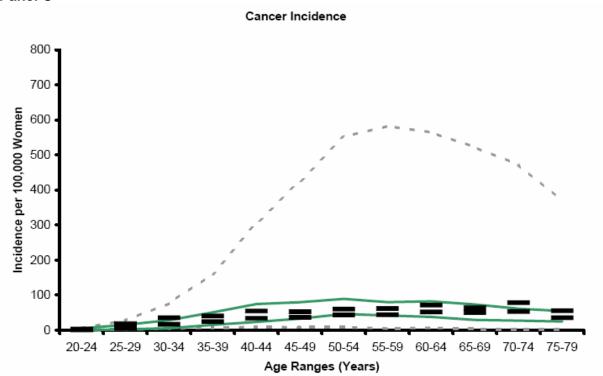


Panel B

Type Distribution in CIN and Cancer



## Panel C



#### **Model Performance Evaluation**

We evaluated the performance of the model in terms of face validity and external consistency by comparing model output to data from several large U.S. screening studies not used in the parameterization or calibration of the natural history model. These included the Portland Kaiser Permanente and the ASCUS/LSIL Triage Study for Cervical Cancer (ALTS) studies as well as data from the National Cancer Institute's Surveillance Epidemiology and End Results (SEER) Program<sup>3</sup>.

To compare model results to our evaluation targets, we simulated five screening scenarios for each of the 50 parameter sets from the calibrated natural history model. Scenarios included no screening as well as screening using cervical cytology at four levels of intensity: every 1, 2, 3, or 5 years from age 18 to 70. Screening with cervical cytology began when women were 18 years old and continued until a woman reached 70 years of age. HPV-DNA testing was used to triage cytology results of atypical squamous cells of unknown significance (ASC-US results). For all women with more severe cytologic results than ASC-US and for those women with ASC-US who tested positive for high-risk HPV types, colposcopy and biopsy were performed. Appropriate treatment or management was reserved for histologically-confirmed CIN2,3 or worse, with other women who had been referred to colposcopy being rescreened every 6-12 months until they had 3 consecutive negative test results. Further details about how screening is modeled and other assumptions associated with screening are presented below.

Because data from these studies were derived from women with different past patterns of screening, we combined modeled outputs from our five screening scenarios to produce modeled outputs that would be consistent with a cohort of women whose cervical cancer screening patterns matched nationally-observed, age-specific patterns of screening for performance evaluation with respect to the Portland Kaiser Permanente and ALTS studies (see section on screening frequency below for further details). When we compared model outputs to data from SEER, we combined modeled outputs from our five screening scenarios corresponding to patterns of screening observed for women with invasive cervical cancer, as their screening patterns differ from those in the general population<sup>4</sup>.

For all evaluation targets, we compared model output to the 95% confidence intervals from the empirical data. Baseline data from the Portland Kaiser Permanente study were used to calculate the cross-sectional, age-specific prevalence of high-risk HPV and of cervical cytology results that were high-grade squamous intraepithelial lesion or worse (HSIL+). Baseline data from the ALTS study were used to calculate the cross-sectional proportions of HPV-positive persons with CIN1 and CIN2+ (e.g., histology of CIN2 or worse) having HPV-16, HPV-18, or other high-risk HPV types. Data from SEER for 2003 were used to derive incidence of age-specific detected invasive cervical cancer in the presence of cervical cancer screening, and analogous estimates were calculated from IARC data for the U.S. prior to widespread screening. We estimated the

<sup>&</sup>lt;sup>3</sup> Surveillance, Epidemiology, End Results (SEER) Cancer Statistics Review, 1975-2001. National Cancer Institute, US DHHS, PHS, NIH, NCI 2004

<sup>&</sup>lt;sup>4</sup> (a) Parazzini F, Hildesheim A, Ferraroni M, La VC, Brinton LA: Relative and attributable risk for cervical cancer: a comparative study in the United States and Italy. Int J Epidemiol 1990, 19:539-545.

<sup>(</sup>b) Schairer C, Brinton LA, Devesa SS, Ziegler RG, Fraumeni JF, Jr.: Racial differences in the risk of invasive squamous-cell cervical cancer. Cancer Causes Control 1991, 2:283-290.

<sup>(</sup>c) Shields TS, Brinton LA, Burk RD, Wang SS, Weinstein SJ, Ziegler RG, Studentsov YY, McAdams M, Schiffman M: A case-control study of risk factors for invasive cervical cancer among U.S. women exposed to oncogenic types of human papillomavirus. Cancer Epidemiol Biomarkers Prev 2004, 13:1574-1582.

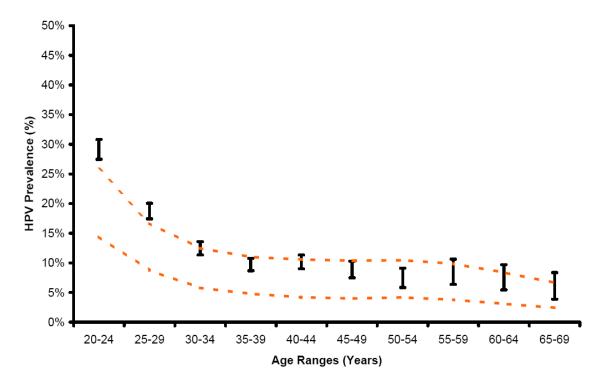
incidence reductions due to screening by subtracting SEER incidence rates from International Agency for Research on Cancer (IARC) rates by age<sup>5</sup>. SEER data from 1996 to 2000 was used to calculate the proportion of invasive cervical cancer cases detected at each SEER historical stage (local, regional, and distant).

**Supplementary Figure 3** shows the comparison of modeled screening outputs (orange dashed lines) to evaluation targets (black solid horizontal bars).

#### **Supplementary Figure 3. Model Performance Evaluation Results**

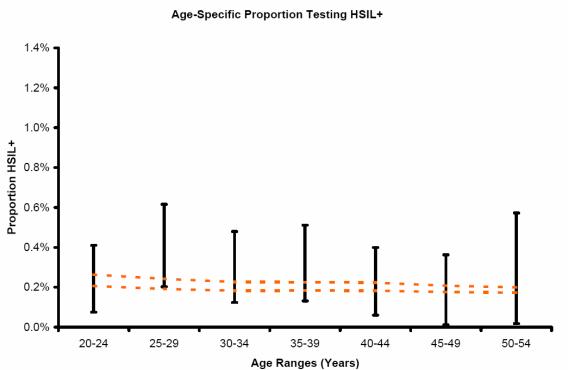
Panel A

Age-Specific Prevalence of Any High-Risk HPV Regardless of CIN Status



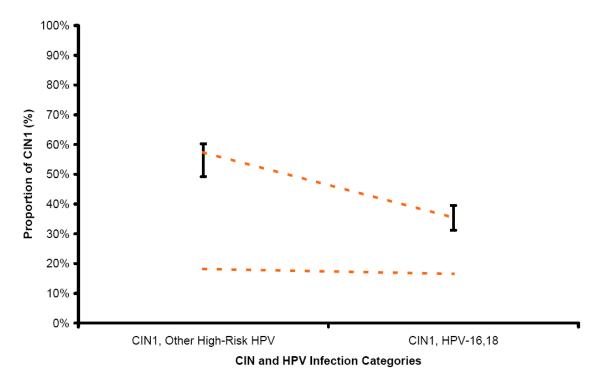
<sup>&</sup>lt;sup>5</sup> International Agency for Research on Cancer (IARC). http://www.iarc.fr (last accessed September 25, 2007)

Panel B



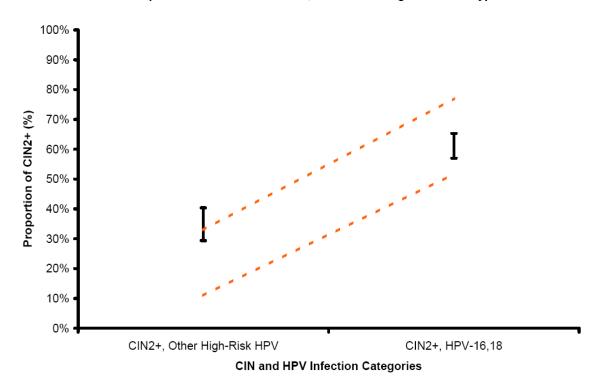
Panel C

CIN1 Proportion Infected with HPV-16,18 and Other High-Risk HPV Types

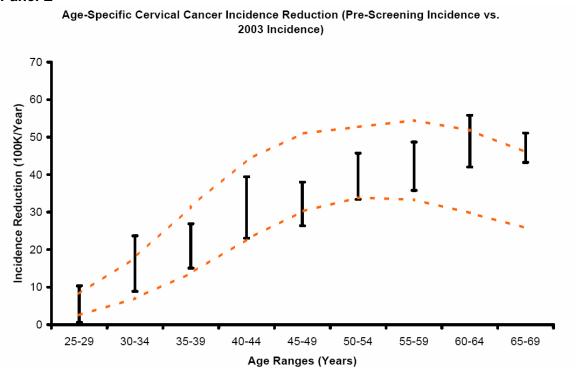


Panel D

CIN2+ Proportion Infected with HPV-16,18 and Other High-Risk HPV Types

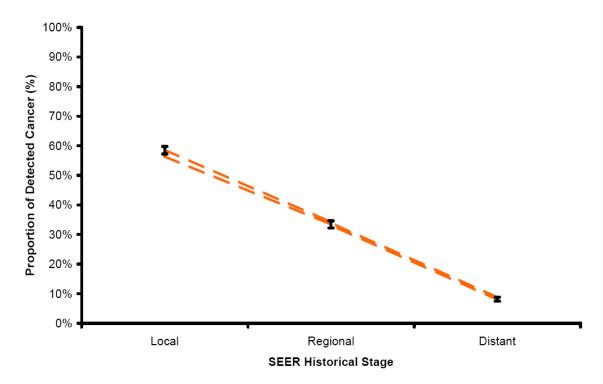


Panel E



Panel F





#### **Cancer Prevention Strategies**

Each cervical cancer prevention strategy considered in the cost-effectiveness analysis has multiple attributes: 1) the age at which screening starts; 2) the frequency with which screening is performed (e.g., the screening interval); 3) the screening tests used as primary screening tests and triage tests for younger women; 4) the screening tests used as primary screening tests and triage tests for older women; 5) the age at which the screening tests used for younger women are replaced by those used for older women; 6) the use of prophylactic vaccination for preadolescent girls.

Possible values for each attribute of a cancer prevention strategy are presented in **Supplementary Table 1, Section A**. For example, one strategy considered starts screening at age 18, screens women every 2 years, screens all women between ages 18 and 70 with cervical cytology followed by HPV-DNA testing for ASC-US, and does not vaccinate preadolescent girls. Such a strategy is quite similar to recommendations from the last cervical cancer screening guidelines, published between 2001 and 2003.<sup>6</sup> Another strategy starts screening at age 21, screens women every 3 years, screens women between ages 21 and 30 with cervical cytology followed by HPV-DNA testing for ASC-US, screens women from age 30 to 70 with HPV-DNA testing followed by cytology for all positive results, and vaccinates preadolescent girls. Screening strategies included for consideration in this analysis were chosen based upon plausibility – those recommended by current guidelines, those under consideration by policy-making organizations, and those under study in clinical trials and observational studies. For example, we do not consider strategies that use cytology and HPV-DNA testing in combination for women between the ages of 18 and 25 here, but we do consider a strategy using HPV-DNA testing with cytology triage for all ages.

Screening strategies follow a consistent pattern. At prescribed intervals, women receive cervical cancer screening. For a given episode of cervical cancer screening, a primary screening test (either HPV-DNA testing or cytology) or tests (combined HPV-DNA testing and cytology) are performed, depending on the strategy being considered. In the case of the use of a single primary screening test, the other screening test is reserved as a triage (reflex) test for women who had abnormal results on the first test (e.g., HPV-DNA testing triage for abnormal cytology results) and is performed on the sample collected during the primary screening test. The definition of a test result as abnormal depends on the screening test used: 1) positive for the presence of high-risk HPV DNA in the case of HPV-DNA testing; or 2) atypical squamous cells of unknown significance or more severe cellular changes in the case of cytology. Women who also have abnormal results on this second, triage screening test are referred to diagnostic testing (colposcopy and biopsy). Women with histologically confirmed abnormal results (in this case, CIN2,3) are referred for appropriate treatment. For women referred to colposcopy, biopsy,

<sup>&</sup>lt;sup>6</sup> (a) Wright TC, Cox JT, Massad LS, Twiggs LB, Wilkinson EJ for the 2001 ASCCP-Sponsored Consensus Conference. 2001 Consensus Guidelines for the management of women with cervical cytological abnormalities. JAMA 2002;287:2120-9.

<sup>(</sup>b) Saslow D, Runowicz C, Solomon D. Moscicki AB, Smith RA, Eyre HJ et al. American Cancer Society guideline for the early detection of cervical neoplasia and cancer. CA Cancer J Clin 2002;52:342-62.

<sup>(</sup>c) ACOG Practice Bulletin: clinical management guidelines for obstetrician-gynecologists. Number 45, August 2003. Cervical cytology screening (replaces committee opinion 152, March 1995). Obstet Gynecol 2003;102:417-27.

<sup>(</sup>d) U.S. Preventive Services Task Force. Guide to Clinical Preventive Services. 3rd ed. 2003, U.S. Department of Health and Human Services: Washington, DC.

<sup>(</sup>e) Wright TC, Schiffman M, Solomon D, Cox JT, Garcia F, Goldie SJ, et al. Interim guidance for the use of human papillomavirus DNA testing as an adjunct to cervical cytology for screening. Obstet Gynecol 2004;103:304-9.

and/or treatment, subsequent episodes of cervical cancer screening occur more frequently until they have 3 consecutive negative results, at which point they return to screening at intervals consistent with the original prescribed interval of the strategy.

Assumptions regarding prevention strategies are presented in **Supplementary Table 1**, **Section B.** In the base case, both screening and vaccination coverage are assumed to be 100% for the purpose of fair comparison of their maximum potential benefit. Diagnostic work-up for all women with cytology results of low-grade squamous intraepithelial lesion (LSIL) or worse, whether the screening strategy used is cytology with HPV triage or HPV with cytology triage, involves referral to colposcopy/biopsy. Women with ASC-US results who test positive for high-risk HPV types are also referred to colposcopy and biopsy, but those who test negative return to routine screening. Treatment is reserved for women with CIN2,3. All women who undergo diagnostic work-up are screened more frequently (every 6-12 months) until they have 3 consecutive negative tests. Additionally, for women who test positive for high-risk HPV types, in the HPV with cytology triage strategies, more frequent screening is performed until they have 3 consecutive negative results.

Vaccine coverage with the 3-dose vaccine course is assumed to be 100% in the base case for pre-adolescent girls prior to age 12. Vaccination is assumed to provide complete life-long protection against vaccinated types, though duration of protection is also explored in a sensitivity analysis where we repeat the base case analysis with a vaccine that provides 15 years of protection for pre-adolescent vaccinated girls. Vaccine-induced immunity is modeled in a similar way to immunity derived from clearing an HPV infection. The probability of infection with the vaccinated type is reduced – in the base case, this reduction is 100% though alternative assumptions are explored in sensitivity analyses (for example, we repeat the base case analysis with a vaccine that reduces the HPV type-specific infection probability by 75% for each HPV type targeted by the vaccine). The risk of infection with HPV types other than vaccinated types is assumed to remain unchanged regardless of vaccination status. No cross-protection effects (e.g., reduction in the infection risk of other closely-related HPV types not covered by the vaccine's targeted HPV types for vaccinated women) are assumed in the base case, though this assumption is also examined in exploratory analyses. For exploratory analyses of women vaccinated after they have had a prior infection(s) with a vaccine-targeted HPV type or types (i.e., women in their 20s who are already sexually active and have been infected with HPV-16 and/or HPV-18), no vaccine-conferred protection against that type is assumed. No herd immunity effects (e.g., reduction in the infection risk with vaccine-targeted HPV types for women who have not been vaccinated) are assumed in the base case, though this assumption is examined in exploratory analyses. In these sensitivity analyses, unvaccinated women (at vaccine coverage levels of 70% and 90%) have their HPV type-specific probabilities of infection reduced by a likely optimistic 30% for HPV types targeted by the vaccine. The age at which this benefit begins is systematically varied starting at age 20, 30, 40, or 50, depending on assumptions about whether and also when herd immunity may confer benefit.

Supplementary Table 1. Cancer Prevention Strategies: Attributes and Assumptions \*

A. Strategy Attributes			
Attribute	Value	Abbreviation	
Screening start age	18 years old	18	
	21 years old	21	
	25 years old	25	
Screening frequency	Never	No Screening	
	Every 1 year	1yr or q1	
	Every 2 years	2yrs or q2	
	Every 3 years	3yrs or q3	
	Every 5 years	5yrs or q5	
Screening strategies for younger women	Cervical cytology followed by HPV-DNA testing for ASC-US	Cytology with HPV triage	
	HPV-DNA testing followed by cytology for all positive results	HPV with Cytology triage	
Screening strategies for older women	Cervical cytology followed by HPV-DNA testing for ASC-US	Cytology with HPV triage	
	HPV-DNA testing followed by cytology for all positive results	HPV with Cytology triage	
	Cervical cytology and HPV-DNA testing in	Combination Cytology and HPV	
	combination	testing	
		or Combination HPV / Cytology	
Screening switch age	Never	No Switch	
	25 years old	25	
	30 years old	30	
	35 years old	35	
Age at vaccination†	Never	No Vaccine	
·	9-12	Vaccinated	

B. Strategy Assumptions	
Category	Assumption
Screening coverage†	100%
Diagnostic work-up: cytology results of LSIL or	Colposcopy/biopsy

worse	
Diagnostic work-up: cytology result of ASC-US	HPV-DNA testing triage (reflex)
	High-Risk HPV positive: colposcopy/biopsy
	High-Risk HPV negative: return to routine screening
Determination of CIN2,3	Colposcopy/biopsy determine cervical histology
Treatment for CIN2,3 or worse	Standard guidelines <sup>7</sup>
Management for histologically-confirmed CIN1	Monitored every 6-12 months until three consecutive negative screening results
Management for women with other confirmed	Screened annually until three consecutive negative screening results
abnormalities (with or without treatment)	
Women who test positive for High-Risk HPV but	Re-screening at 6-12 months
negative on cytology triage	
Vaccine efficacy†‡	100%
Girls receiving 3 vaccine doses (full course)	100%
Infection risk with non-vaccinated types†	Unchanged by HPV vaccination status
Duration of vaccine-induced immunity†	Lifelong
Herd immunity from mass vaccination†§	None
Cross-protection from vaccination†¶	None

- \* HPV = Human Papillomavirus; LSIL = Low-grade Squamous Intraepithelial Lesion; ASC-US = Atypical Squamous Cells of Unknown Significance; CIN = Cervical Intraepithelial Neoplasia; DNA = Deoxyribonucleic acid
- † Varied in sensitivity analyses
- ‡ Vaccine efficacy is defined as the reduction in risk of HPV-16 and HPV-18 infections.
- § Herd immunity is defined as the reduction in risk of infection from HPV-16 and HPV-18 for women who are not vaccinated.
- ¶ Cross-protection is defined as the reduction in risk of infection from closely-related HPV types not targeted by the HPV vaccine for women who are vaccinated

<sup>&</sup>lt;sup>7</sup> Wright TC Jr, Massad LS, Dunton CJ, Spitzer M, Wilkinson EJ, Solomon D. 2006 consensus guidelines for the management of women with cervical intraepithelial neoplasia or adenocarcinoma in situ. Am J Obstet Gynecol. 2007 Oct;197(4):340-5.

#### **Costs Associated with Cancer Prevention Strategies**

To perform cost-effectiveness analyses, the model requires a set of cost inputs for HPV vaccination as well as for screening, diagnostic, and treatment procedures and for individuals' time and transport to receive these services. Input values and plausible ranges used in this analysis are presented in **Main Manuscript Table 1**. Details of their sources and rationale are presented below.

Direct medical and non-medical costs for screening, diagnostic, and treatment procedures as well as patient time and transport costs were derived from previous cost-effectiveness analyses<sup>8</sup>. Goldie et al.'s cost-effectiveness analysis provided the majority of base case cost estimates, with Kulasingam et al. providing the base case cost estimate for HPV-DNA testing and Sweet et al. providing the base case cost estimate for biopsies associated with colposcopy. Additionally, a literature review of articles relating to the cost of cervical cancer screening, diagnosis, and treatment in the United States was undertaken<sup>9</sup>, and, together with the sources used for base case estimates, plausible ranges (i.e., the minimum and maximum values reported in studies identified via literature review) for each cost category were defined.

Vaccination costs included both the cost of each of 3 doses of the HPV vaccine as well as the direct medical and non-medical costs associated with delivering the vaccine. The cost of the HPV vaccine dose itself – regardless of manufacturer – was estimated using the published manufacturer price of Gardasil in the United States, as Cervarix is not currently available in this market. This assumption is plausible in part because Cervarix and Gardasil have similar prices in the European context. <sup>10</sup> As the widespread implementation of HPV vaccination for pre-

<sup>&</sup>lt;sup>8</sup> (a) Goldie SJ, Kim JJ, Wright TC. Cost-effectiveness of human papillomavirus DNA testing for cervical cancer screening in women aged 30 years or more. Obstet Gynecol 2004 Apr;103(4):619-31.

<sup>(</sup>b) Kulasingam SL, Kim JJ, Lawrence WF, Mandelblatt JS, Myers ER, Schiffman M, et al. Cost-effectiveness analysis based on the atypical squamous cells of undetermined significance/low-grade squamous intraepithelial lesion Triage Study (ALTS). J Natl Cancer Inst 2006 Jan 18;98(2):92-100.

<sup>(</sup>c) Sweet SG, Kim JJ, Wright TC, Goldie SJ. Cervical cancer screening: potential cost-effectiveness of technology to improve colposcopy and biopsy performance. Abstract presented at the 27th Annual Meeting of the Society for Medical Decision Making. 2005.

<sup>&</sup>lt;sup>9</sup> (a) Bidus MA, Maxwell GL, Kulasingam S, Rose GS, Elkas JC, Chernofsky M, et al. Cost-effectiveness analysis of liquid-based cytology and human papillomavirus testing in cervical cancer screening. Obstet Gynecol 2006 May;107(5):997-1005.

<sup>(</sup>b) Insinga RP, Glass AG, Rush BB. The health care costs of cervical human papillomavirus-related disease. Am J Obstet Gynecol 2004 Jul;191(1):114-20.

<sup>(</sup>c) Insinga RP, Dasbach EJ, Elbasha EH. Assessing the annual economic burden of preventing and treating anogenital human papillomavirus-related disease in the US: analytic framework and review of the literature. Pharmacoeconomics 2005;23(11):1107-22.

<sup>(</sup>d) Goldie SJ, Kohli M, Grima D, Weinstein MC, Wright TC, Bosch FX, et al. Projected clinical benefits and cost-effectiveness of a human papillomavirus 16/18 vaccine. J Natl Cancer Inst 2004 Apr 21;96(8):604-15.

<sup>(</sup>e) Mandelblatt JS, Lawrence WF, Womack SM, Jacobson D, Yi B, Hwang YT, et al. Benefits and costs of using HPV testing to screen for cervical cancer. JAMA 2002 May 8;287(18):2372-81.

<sup>(</sup>f) Cantor SB, Levy LB, Cardenas-Turanzas M, Basen-Engquist K, Le T, Beck JR, et al. Collecting direct non-health care and time cost data: application to screening and diagnosis of cervical cancer. Med Decis Making 2006 May;26(3):265-72.

<sup>&</sup>lt;sup>10</sup> (a) Merck & Co., Inc., Whitehouse Station, NJ, USA.

<sup>(</sup>b) HPV Vaccine Questions and Answers. CDC 2006 [cited 2007 Jan 9]; Available from: URL: http://www.cdc.gov/std/hpv/STDFact-HPV-vaccine.htm

<sup>(</sup>c) U.K girls to receive cervical cancer vaccine in 2008 (update 1) [cited 2007 Nov 20]; Available from: URL: http://www.bloomberg.com/apps/news?pid=20601102&sid=axwtGrkoslC0&refer=uk

adolescent girls has yet to be undertaken, other direct medical costs associated with the administration of vaccines were derived from vaccination cost studies for diseases including hepatitis B, influenza, and pertussis. Patient time and transport costs associated with receiving each dose of the HPV vaccine were assumed to be the same as the time and transport costs associated with being screened. 2

Costs extracted from all sources, for both base case estimates and plausible ranges, were inflated from their original year to 2004 U.S. dollars using the medical component of the consumer price index.<sup>13</sup>

<sup>11</sup> (a) Wallace LA, Young D, Brown A, Cameron JC, Ahmed S, Duff R, et al. Costs of running a universal adolescent hepatitis B vaccination programme. Vaccine 2005 Dec 1;23(48-49):5624-31.

<sup>(</sup>b) Turner DA, Wailoo AJ, Cooper NJ, Sutton AJ, Abrams KR, Nicholson KG. The cost-effectiveness of influenza vaccination of healthy adults 50-64 years of age. Vaccine 2006 Feb 13;24(7):1035-43.

<sup>(</sup>c)Iskedjian M, Walker JH, Hemels ME. Economic evaluation of an extended acellular pertussis vaccine programme for adolescents in Ontario, Canada. Vaccine 2004 Oct 22;22(31-32):4215-27.

<sup>(</sup>d) De WP, Petit G, Erickson LJ, Guay M, Tam T, Law B, et al. Benefits and costs of immunization of children with pneumococcal conjugate vaccine in Canada. Vaccine 2003 Sep 8;21(25-26):3757-64.

<sup>(</sup>e) Mangtani P, Roberts JA, Hall AJ, Cutts FT. An economic analysis of a pneumococcal vaccine programme in people aged over 64 years in a developed country setting. Int J Epidemiol 2005 Jun;34(3):565-74.

<sup>(</sup>f) HIV counseling and testing system, version 4.0. Atlanta, GA: National Center for HIV, STD, and TB Prevention: Centers for Disease Control and Prevention; 1999.

<sup>&</sup>lt;sup>12</sup> (a) Goldie SJ, Kim JJ, Wright TC. Cost-effectiveness of human papillomavirus DNA testing for cervical cancer screening in women aged 30 years or more. Obstet Gynecol 2004 Apr;103(4):619-31.

<sup>(</sup>b) Goldie SJ, Kohli M, Grima D, Weinstein MC, Wright TC, Bosch FX, et al. Projected clinical benefits and cost-effectiveness of a human papillomavirus 16/18 vaccine. J Natl Cancer Inst 2004 Apr 21;96(8):604-15.

<sup>&</sup>lt;sup>13</sup> Medical Component of the Consumer Price Index. Census Bureau 2006Available from: URL: http://www.census.gov/prod/2005pubs/06statab/prices.pdf

#### **Cervical Cancer Screening Frequency in the United States**

The current usage of cervical cancer screening services in the United States is challenging to estimate. We conducted a literature review of studies of women's self-reported screening frequencies and studies of the concordance between self-reported screening frequencies and administratively-verified screening frequencies. Although guidelines on both screening frequency and screening technologies have been developed and disseminated, studies have demonstrated variation in screening frequencies among women in the U.S. both within and between different age groups and race/ethnic subpopulations. Furthermore, studies designed to assess screening usage in samples of women that are representative of the general U.S. population often rely on self-report via questionnaires. Other studies have been conducted to assess the concordance of self-reported screening frequency and details of screening behavior derived from administrative databases. They have found that both underreporting and overreporting of actual usage occurs and that both underreporting and overreporting appeared to differ between subgroups as well.

Using the studies from our literature review, we extracted data on cervical cancer screening frequencies and on the magnitude of underreporting and overreporting of screening frequency. When screening frequencies were reported for different age groups, we assumed that the frequencies of the younger age groups would be representative of the cohort of women we modeled and that they would remain relatively stable over the cohort's lifetime. We also extracted race/ethnicity-specific screening frequencies when available. We mapped data reported in each study to 5 standardized screening frequency categories: 1) not screened; 2) screened every 5 years; 3) screened every 3 years; 4) screened every 2 years; 5) screened every year. We adjusted the self-reported screening frequencies for both underreporting and overreporting to calculate race/ethnicity-specific screening frequencies, for use in our subgroup-specific analysis. Then, we used the proportion of women from each racial/ethnic subgroup (derived from the 2000 U.S. Census) to construct a weighted average of screening frequencies, for use in all other analyses.

<sup>&</sup>lt;sup>14</sup> (a) Adams EK, Breen N, Joski PJ. Impact of the National Breast and Cervical Cancer Early Detection Program on mammography and Pap test utilization among white, Hispanic, and African American women: 1996-2000. Cancer 2007 Jan 15;109(2 Suppl):348-58.

<sup>(</sup>b) Benard VB, Lee NC, Piper M, Richardson L. Race-specific results of Papanicolaou testing and the rate of cervical neoplasia in the National Breast and Cervical Cancer Early Detection Program, 1991-1998 (United States). Cancer Causes Control 2001 Jan;12(1):61-8.

<sup>(</sup>c) Hewitt M, Devesa S, Breen N. Papanicolaou test use among reproductive-age women at high risk for cervical cancer: analyses of the 1995 National Survey of Family Growth. Am J Public Health 2002 Apr;92(4):666-9. (d) Hewitt M, Devesa SS, Breen N. Cervical cancer screening among U.S. women: analyses of the 2000 National Health Interview Survey. Prev Med 2004 Aug;39(2):270-8.

<sup>(</sup>e) Sirovich BE, Welch HG. The frequency of Pap smear screening in the United States. J Gen Intern Med 2004 Mar;19(3):243-50.

<sup>(</sup>f) Swan J, Breen N, Coates RJ, Rimer BK, Lee NC. Progress in cancer screening practices in the United States: results from the 2000 National Health Interview Survey. Cancer 2003 Mar 15;97(6):1528-40.

<sup>&</sup>lt;sup>15</sup> (a) Fiscella K, Holt K, Meldrum S, Franks P. Disparities in preventive procedures: comparisons of self-report and Medicare claims data. BMC Health Serv Res 2006;6:122.

<sup>(</sup>b) McKenna MT, Speers M, Mallin K, Warnecke R. Agreement between patient self-reports and medical records for Pap smear histories. Am J Prev Med 1992 Sep;8(5):287-91.

<sup>(</sup>c) Vernon SW, Briss PA, Tiro JA, Warnecke RB. Some methodologic lessons learned from cancer screening research. Cancer 2004 Sep 1;101(5 Suppl):1131-45.

<sup>(</sup>d) Warnecke RB, Sudman S, Johnson TP, O'Rourke D, Davis AM, Jobe JB. Cognitive aspects of recalling and reporting health-related events: Papanicolaou smears, clinical breast examinations, and mammograms. Am J Epidemiol 1997 Dec 1;146(11):982-92.

# **Supplementary Table 2. Screening Frequencies Used to Construct Current Screening Practice**

Screening Frequency	Weighted Average for All Groups	White	African American	Asian/Pacific Islander	American Indian/Alaskan Native	Hispanic
Not screened	26%	24%	29%	38%	34%	30%
Every 5 years	3%	4%	1%	8%	5%	3%
Every 3 years	9%	9%	8%	6%	10%	9%
Every 2 years	9%	9%	8%	6%	10%	9%
Every year	53%	54%	54%	42%	42%	49%

#### Results

#### Base case results

Base case results for each of the 186 screening and vaccination strategies are listed below in a series of tables. **Supplementary Table 3** shows the lifetime cumulative risk of cervical cancer for each strategy and the percentage reduction in cervical cancer incidence compared to no screening and no vaccination. In addition to reduction in cervical cancer, main model outputs, including discounted expected lifetime cost, discounted quality-adjusted life expectancy, and discounted life expectancy are shown for each strategy in **Supplementary Table 4** and **Supplementary Table 5**. An annual discount rate of 3% was used to express all costs and life expectancy in present value terms. For **Supplementary Tables 3-5**, ranges (from minimum to maximum) represent the uncertainty associated with the 50 different model parameterizations, reflecting uncertainty about the disease natural history.

Alternative vaccination scenarios: efficacy, duration of immunity, herd immunity Given uncertainty about the strength and duration of protection provided by HPV vaccination, we considered alternative scenarios. The first scenario we considered was one in which the strength of protection provided by pre-adolescent vaccination was 75% (i.e., vaccinated women have their risk of infection with HPV-16 and HPV-18 reduced by 75%). Supplementary Tables 6, 7, and 8 show model results on reduction in the lifetime risk of cervical cancer, expected discounted lifetime costs, discounted quality-adjusted life expectancy, and discounted life expectancy for all prevention strategies, under this alternative assumption about vaccine effectiveness. The second scenario we considered was one in which pre-adolescent HPV vaccination provided complete protection against HPV-16 and HPV-18 but that this protection waned after 15 years. Supplementary Tables 9, 10, and 11 show model results on reduction in the lifetime risk of cervical cancer, expected discounted lifetime costs, discounted qualityadjusted life expectancy, and discounted life expectancy for all prevention strategies, under this alternative assumption about vaccine duration. For Supplementary Tables 6-11, ranges (from minimum to maximum) represent the uncertainty associated with the 50 different model parameterizations, reflecting uncertainty about the disease natural history. Supplementary **Table 12** shows the expected cost-effectiveness results for these two HPV vaccine scenarios. For comparative purposes, **Supplementary Figure 4** shows the efficient frontiers under the base case and the two alternative vaccine effectiveness scenarios.

While the microsimulation model does not explicitly model transmission dynamics, herd immunity was approximated by reducing the risk of infection with HPV-16 and HPV-18 for unvaccinated women. Since herd immunity depends upon immunity in the current population of women, most of whom have already been exposed to HPV infections and are above the age range targeted by the vaccine, the effects of herd immunity for the current cohort of 9-year-old girls may be delayed until additional cohorts are vaccinated. **Supplementary Table 13** presents a set of exploratory analyses examining herd immunity effects with extremely optimistic assumptions about the level of protection provided to unvaccinated women (30% reduction in their risk of infection with HPV-16 and HPV-18) and high vaccine coverage levels, with herd immunity beginning to have an effect for a cohort of women when they are 20, 30, 40, or 50 years old.

<u>Alternative screening assumptions: test characteristics, vaccination age and subsequent screening behavior, disparities</u>

**Supplementary Table 14** demonstrates the effect of changes in cytology sensitivity on preferred screening and vaccination strategies.

Current screening practice is calculated based on the screening frequencies and patterns of women in the United States currently using cervical cytology, at all ages, and assuming no change in future screening behavior. Specifically, using current U.S. screening practice as a comparator, and hypothetically assuming that screening behavior would not change in future birth cohorts, we found pre-adolescent vaccination provides an additional 36% cancer risk reduction. Of importance, this average reduction assumes (1) a homogeneous population where all women are equally likely to benefit from screening and vaccination; (2) the screening behavior of the vaccinated birth cohort would exactly mirror current patterns of screening; (3) screening would not include primary testing with HPV-DNA testing or with combined HPV-DNA testing and cytology. For purposes of comparison to other cost-effectiveness analyses reported in the literature, we include the reduction in lifetime cancer risk, total discounted expected lifetime costs, discounted quality-adjusted life expectancy, and cost-effectiveness ratios for current screening practices combined with vaccination in **Supplementary Table 15**; however, we do not consider this a realistic scenario to simulate accurate vaccine uptake and screening patterns in the future. In addition to the base case in which we balance all prevention strategies by assuming the same achievable coverage rates, and then vary those coverage rates, we also conduct a series of exploratory analyses intended to provide qualitative insight into several alternative scenarios regarding changes in screening behavior in a vaccinated cohorts (at a variety of vaccine coverage levels) depending on whether vaccination is delivered to preadolescent females or opportunitistically to women aged 21 to 29 years.

Supplementary Table 16 shows results for an exploratory analysis of the marginal benefits associated with vaccinating women of different ages. This analysis explores the expected incremental benefit associated with opportunistic vaccination of women in their mid to late 20s, rather than a targeted program that covers all pre-adolescents, and the influence of vaccinated women's subsequent screening behavior on overall outcomes. The marginal benefit of vaccinating women in their mid to late 20s is approximately 80% lower than the benefit of preadolescent vaccination. To explore the impact of changes in population screening behavior directly or indirectly attributable to the introduction of a type-specific vaccine, we consider the hypothetical scenario that 30% of women would not be screened or would be screened much less frequently (presumably due to misconception they were otherwise protected, or general confusion about cervical cancer screening messages) and that 70% would continue with at least triennial screening. The results of this scenario are shown in the manuscript (Main Manuscript Figure 2) for three levels of vaccine coverage (25%, 75% and 100%). The marginal benefit of HPV vaccination is more easily diminished for women in their 20s than for pre-adolescents if regular screening cannot be maintained even at vaccine coverage levels above 75%. Given assumptions about age of vaccine uptake, screening behavior in the context of vaccination, and vaccine coverage, we identify conditions in which the quality-adjusted life expectancy decreases compared to current screening practice.

**Supplementary Table 17** illustrates potential changes in disparities in lifetime cervical cancer risk between racial/ethnic groups as newer prevention strategies are adopted (potentially differentially) across groups. New prevention strategies considered include the use of HPV DNA testing for primary screening for women older than age 35, HPV 16,18 vaccination for preadolescent girls, and increases in the percentage of women who are screened every 3 years. One scenario considered, in which there is preferential uptake (75%) of newer prevention strategies by the lowest risk subpopulation (white women) compared with reduced uptake (25%) by racial/ethnic minorities, widens disparities. A second scenario considered, in which there is equal level of uptake (50%) in all women, regardless of racial/ethnic group, of newer prevention strategies, narrows disparities. For both scenarios, screening without vaccination using cytology as the primary screening test for all ages is simulated at combinations of screening frequencies

that are race-/ethnicity-specific. Then, the incremental benefits for each group under each scenario (HPV DNA testing as primary screening, HPV 16,18 vaccination, and being screened every 3 years) are computed.

Several reports have noted the presence of HPV vaccine-induced cross-protection in which the incidence of HPV types not directly targeted by the vaccine was lowered compared to no vaccination. To simulate the potential effect of cross-protection on costs, effects, and incremental cost-effectiveness ratios, we performed exploratory analyses, allowing the HPV vaccine to also reduce the incidence of other high-risk types. The incremental additional percentage reduction of infection reflected a combination of the population prevalence of the high-risk HPV types that are reduced because of cross-protection and the magnitude of reduction observed in the studies (e.g., 25% to 30%). For screening and/or vaccination strategies in the range of \$30,000 per QALY to \$100,000 per QALY, the same strategies appeared on the efficient frontier in the same order as they did without cross-protection. Strategies evaluated using an assumption of the presence of cross-protection were less costly and more effective than those that do not (base case), but these effects were relatively small overall. Of note, since the overall risk of cervical cancer was lowered, the incremental cost-effectiveness ratios associated with more intensive screening actually increased, although differed by only 5 to 10% from the base case.

We examined how HPV vaccination may change the positive predictive value (PPV) of cytology screening in an exploratory analysis. To do so, we modeled cytology screening alone and cytology screening with vaccination starting at age 21 at 2 year screening intervals. Considered how positive predictive value might change for women in 5-year age groups between the ages of 25 and 64. For each health state, we determined the prevalence of women with different cytology test results. The PPV was calculated as the probability of having true CIN2,3 or worse given a positive cytology result. Reductions in the PPV of cytology alone with vaccination were calculated relative to the PPV of cytology alone without vaccination. Shown in **Supplementary Table 18** are the reductions in positive predictive value for each 5-year age group.

We examined the relative impact of changes to HPV DNA test sensitivity and specificity. HPV DNA test characteristics were modeled as the probability of a positive test results given the presence of high-risk HPV DNA (technical sensitivity) and the probability of a negative test results given the absence of high-risk HPV DNA (technical specificity). We also computed the more clinically relevant HPV DNA test characteristics – probability of test positive given the presence of CIN2,3 or worse (clinically relevant sensitivity) and probability of test negative given the absence of CIN2,3 or worse (clinically relevant specificity). These are shown in **Table 1** of the main manuscript. Shown in **Supplementary Table 19 and 20** are the impact of changes to HPV DNA test characteristics on screening and vaccination strategies on the efficient frontier. As sensitivity is lowered, cytology with HPV triage for older women becomes preferred to HPV

 $(d)\ Cross-protection\ data\ for\ Gardasil\ submitted\ to\ FDA.\ AIDS\ Patient\ Care\ STDS\ 2007; 21:370.$ 

<sup>&</sup>lt;sup>16</sup> (a) de Sanjosé S, Diaz M, Castellsagué X, Clifford G, Bruni L, Muñoz N, Bosch FX. Worldwide prevalence and genotype distribution of cervical human papillomavirus DNA in women with normal cytology: a meta-analysis. Lancet Infect Dis. 2007 Jul;7(7):453-9.

<sup>(</sup>b) Harper DM, Franco EL, Wheeler CM, Moscicki AB, Romanowski B, Roteli-Martins CM, et al. Sustained efficacy up to 4.5 years of a bivalent L1 virus-like particle vaccine against human papillomavirus types 16 and 18: follow-up from a randomised control trial. Lancet 2006;367:1247-55.

<sup>(</sup>c) Paavonen J, Jenkins D, Bosch FX, Naud P, Salmeron J, Wheeler CM, et al. Efficacy of a prophylactic adjuvanted bivalent L1 virus-like-particle vaccine against infection with human papillomavirus types 16 and 18 in young women: an interim analysis of a phase III double-blind, randomised controlled trial. Lancet 2007;369:2161-70.

with cytology triage for this age group. However, results are more sensitivity to changes to specificity.

Supplementary Appendix

## Supplementary Table 3. Lifetime Cervical Cancer Risk and Reductions in Risk (Means and Minimums and Maximums)

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Lifetime cervical cancer risk	Reduction in risk compared to natural history
		years		years	vacomanon	%	%
	Natural History					2.17	
						[1.38-2.82]	
None	N/A	N/A	N/A	N/A	Yes	0.54	74.9
						[0.25-0.91]	[60.3-87.8]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	0.43	80.2
						[0.25-0.61]	[74.2-85.4]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	0.11	95.1
						[0.05-0.20]	[91.9-97.4]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	0.43	80.1
						[0.25-0.61]	[74.1-85.2]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	0.11	95.1
						[0.05-0.21]	[91.9-97.4]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	0.44	79.9
_						[0.25-0.61]	[73.9-85.1]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	0.11	95.0
						[0.05-0.21]	[91.8-97.4]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	0.44	80.0
						[0.25-0.61]	[74.1-84.9]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	0.11	95.1
_						[0.05-0.20]	[91.8-97.4]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	0.44	79.9
	0.1	- 4	0 11 11 1151// 0 11		.,	[0.25-0.61]	[74.0-84.8]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	0.11	95.1
	0.1	- 4	0 11 11 1151// 0 11			[0.05-0.21]	[91.8-97.4]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	0.44	79.7
4	0 1 1 11 11 11 11 11 11 11 11 11 11 11 1	0.4	0 1: :: 1151// 0 : 1	0.5		[0.26-0.62]	[73.8-84.5]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	0.11	95.0
4	0 1 1 11 11 11 11 11 11 11 11 11 11 11 1	0.5	0 1: :: 1151// 0 : 1	0.5		[0.05-0.21]	[91.7-97.4]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	0.45	79.4
4	0 1 1 11 11 11 11 11 11 11 11 11 11 11 1	0.5	0 1: " 115// 0 : 1	0.5		[0.27-0.62]	[73.8-83.5]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	0.11	95.0
4	0 1 1 11 11 11 11 11 11 11 11 11 11 11 1	0.5	0 1: " 115// 0 : 1	00		[0.05-0.21]	[91.7-97.4]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	0.45	79.3

						[0.27-0.62]	[73.7-83.3]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	0.11	95.0
						[0.05-0.21]	[91.7-97.4]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	0.46	79.1
						[0.27-0.63]	[73.5-83.2]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	0.11	94.9
						[0.05-0.21]	[91.7-97.4]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	No	0.44	79.7
						[0.26-0.63]	[73.6-84.9]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	0.11	94.9
						[0.05-0.22]	[91.4-97.3]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	No	0.45	79.6
						[0.26-0.63]	[73.4-84.9]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	0.11	94.8
						[0.05-0.22]	[91.4-97.3]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	No	0.45	79.4
						[0.27-0.63]	[73.0-84.8]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	0.11	94.8
						[0.05-0.22]	[91.3-97.3]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	No	0.45	79.5
						[0.27-0.63]	[73.4-84.6]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	0.11	94.9
						[0.05-0.21]	[91.4-97.3]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	No	0.45	79.5
						[0.26-0.63]	[73.4-84.5]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	0.11	94.8
						[0.05-0.21]	[91.3-97.3]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	No	0.45	79.2
						[0.27-0.64]	[73.2-84.1]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	0.11	94.8
						[0.05-0.22]	[91.2-97.2]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	No	0.46	78.8
						[0.28-0.65]	[73.0-83.0]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	0.11	94.8
						[0.05-0.22]	[91.2-97.3]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	No	0.47	78.6
						[0.28-0.66]	[72.7-82.8]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	0.11	94.7
						[0.05-0.22]	[91.2-97.2]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	No	0.52	76.3

						[0.30-0.72]	[69.2-82.4]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	0.12	94.3
						[0.06-0.24]	[90.4-97.0]
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	No	0.52	76.1
						[0.30-0.72]	[68.9-81.9]
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	0.12	94.2
						[0.06-0.24]	[90.5-97.0]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	No	0.54	75.5
						[0.32-0.74]	[69.1-80.5]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	0.13	94.2
						[0.06-0.24]	[90.4-97.0]
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	No	0.44	79.8
						[0.26-0.62]	[73.4-84.9]
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	0.11	94.9
						[0.05-0.21]	[91.4-97.3]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	No	0.45	79.6
						[0.27-0.63]	[73.6-84.5]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	0.11	94.9
						[0.05-0.22]	[91.4-97.3]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	No	0.46	78.9
						[0.28-0.64]	[72.9-83.2]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	0.11	94.8
						[0.05-0.22]	[91.2-97.3]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	0.48	78.1
						[0.28-0.67]	[70.5-83.8]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	0.11	94.7
						[0.05-0.21]	[91.6-97.4]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	0.48	77.9
						[0.28-0.67]	[70.3-83.4]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	0.11	94.7
						[0.05-0.21]	[91.6-97.4]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	0.49	77.3
						[0.29-0.69]	[69.7-82.7]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	0.12	94.6
						[0.05-0.21]	[91.5-97.3]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	0.49	77.7
						[0.28-0.68]	[70.0-83.4]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	0.12	94.6
						[0.05-0.21]	[91.4-97.4]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	0.49	77.4

						[0.28-0.69]	[69.6-82.9]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	0.12	94.6
						[0.05-0.21]	[91.3-97.4]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	0.50	77.0
						[0.29-0.70]	[69.2-82.5]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	0.12	94.6
						[0.05-0.21]	[91.2-97.3]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	0.50	77.2
						[0.29-0.69]	[69.5-82.2]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	0.12	94.6
						[0.05-0.21]	[91.4-97.4]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	0.51	76.8
						[0.30-0.70]	[69.2-81.6]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	0.12	94.5
_						[0.05-0.22]	[91.3-97.3]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	0.51	76.4
_						[0.30-0.71]	[68.8-81.1]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	0.12	94.5
_						[0.06-0.22]	[91.2-97.3]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	0.50	76.9
_						[0.29-0.71]	[69.3-83.1]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	0.12	94.4
	0	4.0	115)			[0.06-0.22]	[91.2-97.2]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	0.51	76.7
	0	4.0	115)			[0.30-0.71]	[69.0-82.7]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	0.12	94.4
	0	4.0	115)			[0.06-0.22]	[91.2-97.2]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	0.52	76.2
0	O tales - Mc LIDV (days	40	LIDV 20 O tales (days	0.5	<b>V</b>	[0.31-0.72]	[68.6-82.0]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	0.12	94.3
0	Ortology with LIDV/triogra	04	LIDV/ with Containing this are	0.5	NI.	[0.06-0.22]	[91.1-97.2]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	0.51	76.7
0.440	Contain and with LIDV twice and	04	LIDV/ with Catalogue triogs	25	Vaa	[0.29-0.72]	[69.0-82.7]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	0.12	94.4
0.440	Contain and with LIDV twice and	04	LIDV/ with Catalogue triogs	20	Na	[0.06-0.23]	[90.8-97.2]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	0.52	76.3
2	Cytology with UDV trices	24	UDV/ with Cutology triago	20	Voo	[0.30-0.73] 0.12	[68.6-82.0]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	[0.06-0.23]	94.3 [90.8-97.1]
2 vrc	Cytology with UDV trices	21	HPV with Cytology triago	35	No	[0.06-0.23] 0.52	[90.8-97.1] 76.0
2 yrs	Cytology with HPV triage	۷۱	HPV with Cytology triage	აა	INU	0.32	70.0

						[0.31-0.74]	[68.1-81.6]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	0.12	94.3
						[0.06-0.23]	[90.7-97.1]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	0.53	75.7
						[0.32-0.73]	[68.1-80.8]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	0.12	94.2
						[0.06-0.23]	[90.8-97.1]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	0.54	75.4
						[0.32-0.74]	[67.7-80.3]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	0.13	94.2
_						[0.06-0.23]	[90.7-97.1]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	0.67	69.1
_						[0.40-0.93]	[60.0-76.9]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	0.15	92.9
_						[0.07-0.27]	[88.6-96.5]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	0.69	68.3
_						[0.41-0.96]	[58.8-76.2]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	0.16	92.7
_						[0.07-0.28]	[88.4-96.5]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	0.70	67.8
_						[0.41-0.98]	[58.8-74.6]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	0.16	92.7
_						[0.07-0.28]	[88.3-96.5]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	0.50	77.1
_						[0.29-0.71]	[69.5-83.5]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	0.12	94.5
_						[0.06-0.22]	[91.2-97.2]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	0.51	76.8
	1151/11/10 11		115)/ // 6 / 1		.,	[0.29-0.71]	[69.0-83.0]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	0.12	94.4
	115) / 31 0 / 1 / 3	0.5	115)/ 31 0 / 1 / 3			[0.06-0.23]	[90.9-97.2]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	0.52	76.1
	115) / 31 0 / 1 / 3	0.5	115)/ 31 0 / 1 / 3			[0.31-0.73]	[68.3-81.3]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	0.12	94.3
	0	40	0 1: " 110///0 11	0.5		[0.06-0.22]	[90.8-97.2]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	0.57	73.9
	0	4.0	0 11 // 1151//0 / 1			[0.33-0.81]	[64.4-81.1]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	0.13	93.9
0	Outology with UDV (city	40	Combination LIDV//O (a)	00	N.L.	[0.06-0.23]	[90.0-97.2]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	0.57	73.6

						[0.33-0.81]	[64.2-80.7]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	0.13	93.9
						[0.06-0.23]	[89.9-97.2]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	0.59	72.8
						[0.35-0.83]	[63.3-79.6]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	0.13	93.8
						[0.06-0.24]	[89.7-97.1]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	0.57	73.7
						[0.33-0.81]	[64.3-80.7]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	0.13	93.9
						[0.06-0.23]	[90.0-97.2]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	0.58	73.5
						[0.34-0.82]	[64.1-80.3]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	0.13	93.9
						[0.06-0.23]	[89.9-97.2]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	0.59	72.7
						[0.35-0.83]	[63.3-79.3]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	0.13	93.8
						[0.06-0.24]	[89.7-97.1]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	0.58	73.5
						[0.34-0.82]	[64.1-79.7]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	0.13	93.9
						[0.06-0.23]	[89.9-97.1]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	0.59	73.0
						[0.35-0.83]	[63.6-78.8]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	0.13	93.8
						[0.06-0.23]	[89.8-97.1]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	0.61	72.1
						[0.36-0.85]	[62.8-77.8]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	0.14	93.7
_						[0.06-0.24]	[89.6-97.0]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	0.60	72.5
_						[0.35-0.85]	[62.9-80.1]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	0.14	93.6
_						[0.06-0.24]	[89.6-97.0]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	0.60	72.3
_						[0.35-0.85]	[62.7-79.8]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	0.14	93.6
		, -		0.5		[0.06-0.24]	[89.6-97.0]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	0.62	71.5

						[0.37-0.87]	[61.8-78.6]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	0.14	93.4
						[0.06-0.25]	[89.4-96.9]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	0.60	72.4
						[0.35-0.85]	[62.8-79.8]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	0.14	93.6
						[0.06-0.24]	[89.6-97.0]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	0.61	72.2
						[0.35-0.85]	[62.7-79.4]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	0.14	93.5
						[0.06-0.24]	[89.6-97.0]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	0.62	71.4
						[0.37-0.87]	[61.8-78.5]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	0.14	93.4
						[0.06-0.25]	[89.4-97.0]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	0.62	71.5
						[0.37-0.87]	[61.8-77.6]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	0.14	93.4
						[0.06-0.25]	[89.3-96.9]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	0.64	70.7
						[0.38-0.89]	[61.0-76.8]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	0.14	93.3
						[0.06-0.25]	[89.1-96.9]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	0.84	61.6
						[0.51-1.17]	[51.0-70.9]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	0.19	91.2
						[0.09-0.33]	[86.4-95.8]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	0.84	61.4
						[0.51-1.17]	[50.9-70.7]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	0.19	91.2
_			<b>-</b>			[0.09-0.33]	[86.2-95.8]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	0.84	61.4
	0		0.11			[0.50-1.17]	[51.0-69.8]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	0.19	91.3
_						[0.08-0.33]	[86.4-95.8]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	0.59	72.8
_						[0.34-0.85]	[63.0-80.6]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	0.14	93.6
•	LIBV 31 O C C	6.4	115)/ 11/ 6 : 1			[0.06-0.24]	[89.6-97.1]
3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	0.59	72.7

						[0.04.0.04]	100 4 00 41
	115)/ 11/ 0 / 1		115)/ // 6 / 1		.,	[0.34-0.84]	[63.1-80.1]
3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	0.14	93.6
						[0.06-0.24]	[89.6-97.0]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	0.61	72.0
						[0.36-0.86]	[62.4-78.4]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	0.14	93.5
						[0.06-0.24]	[89.5-96.9]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	0.77	64.6
						[0.46-1.08]	[53.2-73.6]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	0.17	91.9
•	,					[0.07-0.30]	[86.9-96.4]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	0.79	63.9
•	,		, 0,			[0.48-1.10]	[52.6-72.7]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	0.18	91.8
•	, 0,		. 0.			[0.08-0.31]	[86.7-96.3]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	0.81	62.9
,	, 3, 3		, 3,			[0.50-1.12]	[51.7-71.5]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	0.18	91.7
,	, 3, 3		, 3,			[0.08-0.31]	[86.6-96.2]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	0.80	63.5
,	, 3, 3		, 3,			[0.48-1.12]	[51.9-72.7]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	0.18	91.5
- ,	.,					[0.08-0.32]	[86.4-96.2]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	0.81	62.9
. ,	.,					[0.49-1.13]	[51.5-71.8]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	0.18	91.4
,	, 3, 3		, 3,			[0.08-0.32]	[86.2-96.1]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	0.83	62.1
,	, 3, 3		, 3,			[0.51-1.15]	[50.8-70.7]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	0.19	91.3
. ,	.,					[0.08-0.33]	[86.1-96.1]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	0.77	64.7
- 3	.,			-		[0.46-1.07]	[53.6-73.1]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	0.17	91.9
- J	-,g,g		gy			[0.07-0.30]	[86.9-96.3]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	0.78	64.2
0 7.0	cytology marrin v mage		combination in v / cytology	00	. 10	[0.47-1.08]	[53.1-72.2]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	0.18	91.8
0 ,.0	2,15.0g, 1 mago		25sindicit in 17 Sylology		. 00	[0.08-0.30]	[86.8-96.3]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	0.80	63.4
O yio	Sylology will fill v lilage	20	Combination in V / Cytology	00	110	0.00	оо. <del>т</del>

						[0.49-1.10]	[52.4-71.2]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	0.18	91.7
						[0.08-0.31]	[86.7-96.2]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	0.81	63.0
						[0.48-1.13]	[51.0-72.5]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	0.18	91.5
						[0.08-0.32]	[86.3-96.2]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	0.82	62.4
						[0.50-1.15]	[50.6-71.6]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	0.18	91.4
						[0.08-0.32]	[86.2-96.1]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	0.84	61.5
_						[0.51-1.17]	[49.9-70.5]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	0.19	91.3
						[0.08-0.33]	[86.0-96.1]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	0.83	61.9
						[0.50-1.17]	[49.6-71.5]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	0.19	91.1
_						[0.08-0.33]	[85.8-96.0]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	0.84	61.3
_						[0.51-1.18]	[49.3-70.6]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	0.19	91.1
_						[0.08-0.34]	[85.7-96.0]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	0.86	60.6
_						[0.53-1.20]	[48.7-69.6]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	0.19	91.0
_						[0.08-0.34]	[85.6-96.0]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	0.82	62.3
_						[0.50-1.14]	[50.7-70.9]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	0.19	91.4
_						[0.08-0.32]	[86.1-96.1]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	0.84	61.6
_	0.11.115.41		115) ( 12) 6 ( 1 ) ( 1		.,	[0.51-1.15]	[50.1-70.0]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	0.19	91.3
_						[0.08-0.32]	[85.9-96.0]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	1.08	50.4
_						[0.66-1.48]	[39.3-61.1]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	0.24	88.7
_	0		0			[0.11-0.42]	[82.7-94.7]
5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	1.10	49.4

						[0.68-1.51]	[38.2-60.2]
5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	0.25	88.3
						[0.11-0.43]	[82.3-94.5]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	1.07	50.9
						[0.66-1.49]	[39.7-61.1]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	0.24	88.8
						[0.11-0.42]	[83.0-94.8]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	0.80	63.4
						[0.46-1.12]	[51.5-73.4]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	0.18	91.6
						[0.08-0.32]	[86.4-96.2]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	0.82	62.1
						[0.49-1.16]	[49.8-72.0]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	0.19	91.1
						[0.08-0.33]	[85.8-96.0]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	0.81	62.8
						[0.49-1.13]	[51.0-71.7]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	0.18	91.5
						[0.08-0.32]	[86.2-96.2]

Supplementary Table 4. Discounted Lifetime Costs and Discounted Quality-Adjusted Life Expectancies (QALE) (Means and Minimums and Maximums)

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Cost	QALE
		years		years	vaccination	\$	QALYs
	Natural History					153	26.67212
						[101-203]	[26.64543-26.69606]
None	N/A	N/A	N/A	N/A	Yes	534	26.73114
						[515-558]	[26.71980-26.73937]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	3,319	26.74059
						[3,075-3,644]	[26.73740-26.74271]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	3,529	26.74558
						[3,307-3,889]	[26.74420-26.74633]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	3,022	26.74043
						[2,832-3,254]	[26.73718-26.74263]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	3,300	26.74557
						[3,129-3,575]	[26.74410-26.74633]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	2,806	26.74018
						[2,657-2,986]	[26.73679-26.74255]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	3,116	26.74553
						[2,973-3,329]	[26.74404-26.74633]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	3,090	26.74017
						[2,841-3,419]	[26.73666-26.74253]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	3,309	26.74553
						[3,095-3,670]	[26.74416-26.74633]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	2,792	26.74003
						[2,597-3,032]	[26.73645-26.74245]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	3,079	26.74551
						[2,916-3,355]	[26.74409-26.74632]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	2,576	26.73976
						[2,422-2,765]	[26.73594-26.74229]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	2,896	26.74546
						[2,761-3,110]	[26.74397-26.74629]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	2,815	26.73873
						[2,567-3,148]	[26.73375-26.74189]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	3,046	26.74535
						[2,837-3,406]	[26.74390-26.74627]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	2,518	26.73846

						[2,323-2,762]	[26.73324-26.74178]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	2,816	26.74532
	0		0 11 11 11 11 11 11 11 11 11 11 11 11 11			[2,659-3,092]	[26.74380-26.74626]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	2,302	26.73819
4	Outala munith LIDV/ tria sa	0.5	Combination LIDV / Cotalons	0.5	V	[2,148-2,494]	[26.73276-26.74163]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	2,633	26.74528
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	No	[2,510-2,847] 2,603	[26.74372-26.74625] 26.74039
ıyı	Cytology with the viriage	10	The vivilia Cytology thage	23	NO	[2,419-2,825]	[26.73700-26.74247]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	2,858	26.74549
1 yı	Cytology William V mage	10	The Vivian Cytology thage	20	103	[2,666-3,125]	[26.74397-26.74634]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	No	2,458	26.74020
. ,.	cytology tage	. •	v eytelegyege			[2,314-2,627]	[26.73664-26.74237]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	2,763	26.74545
•	, 6,		, 0, 0			[2,615-2,968]	[26.74387-26.74634]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	No	2,362	26.73995
•			, 0,			[2,248-2,499]	[26.73639-26.74228]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	2,692	26.74544
						[2,574-2,851]	[26.74382-26.74629]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	No	2,374	26.73996
						[2,184-2,600]	[26.73633-26.74225]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	2,637	26.74544
4	O tales 20 UDV Gas	0.4	LIDV 201 O Calana Glassa	00	N.I.	[2,453-2,906]	[26.74397-26.74632]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	No	2,228	26.73981
1 vr	Cytology with UDV triogo	21	HDV/ with Cutology triago	30	Yes	[2,079-2,405] 2,543	[26.73596-26.74218] 26.74541
1 yr	Cytology with HPV triage	۷1	HPV with Cytology triage	30	165	[2,403-2,749]	[26.74389-26.74628]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	No	2,133	26.73956
ıyı	Cytology with the viriage	21	The value Cytology thage	55	140	[2,014-2,270]	[26.73561-26.74205]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	2,472	26.74537
. ,.	eytetegy marria v mage		t Cytologyago		. 55	[2,362-2,631]	[26.74374-26.74622]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	No	1,954	26.73823
•	, 0,		, 6, 6			[1,805-2,135]	[26.73267-26.74153]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	2,280	26.74524
-						[2,145-2,486]	[26.74352-26.74628]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	No	1,858	26.73795
						[1,739-2,000]	[26.73224-26.74137]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	2,209	26.74519
	0	4.0	0.11			[2,105-2,368]	[26.74350-26.74622]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	No	2,049	26.73832

2,379-2,482   (26,74327-26.7   1 yr   Cytology with HPV triage   21   Cytology with HPV triage   None   No   No   1,819   26,73786   1,757-1,822   (26,73313-26.7   1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   No   No   1,545   26,74362-26.7   1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   No   No   1,545   26,73632   1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   Yes   1,955   26,74492-26.7   1,916-1,986   (26,73010-26.7   1,916-1,986   (26,73010-26.7   1,916-1,986   (26,74298-26.7   1,916-1,986   (26,74298-26.7   1,916-1,986   (26,74298-26.7   1,916-1,986   (26,74298-26.7   1,916-1,986   (26,74298-26.7   1,916-1,986   (26,74298-26.7   1,916-1,986   (26,74498-26.7   1,916-1,986   (26,74498-26.7   1,916-1,986   (26,74495-26.7   1,916-1,986   (26,7436-26.7   1,916-1,986   (26,73637-26.7   1,916-1,986   (26,73637-26.7   1,916-1,986   (26,73637-26.7   1,916-1,986   (26,73637-26.7   1,916-1,986   (26,73637-26.7   1,916-1,986   (26,73637-26.7   1,916-1,986   (26,73637-26.7   1,916-2,328   (26,73637-26.7   1,916-2,328   (26,73635-26.7   1,916-2,328   (26,73635-26.7   1,916-2,328   (26,73635-26.7   1,916-2,348   (26,73635-26.7   1,916-2,348   (26,73635-26.7   1,916-2,348   (26,73635-26.7   1,916-2,348   (26,73635-26.7   1,916-2,348   (26,73635-26.7   1,916-2,348   (26,7365-26.7   1,916-2,348							[1,973-2,121]	[26.73419-26.74130]
1 yr   Cytology with HPV triage   21   Cytology with HPV triage   None   No   1,819   26,73786     1 yr   Cytology with HPV triage   21   Cytology with HPV triage   None   Yes   2,218   26,74506     1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   No   1,545   26,73632     1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   No   1,955   26,73632     1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   No   1,955   26,73632     1 yr   HPV with Cytology triage   18   HPV with Cytology triage   None   No   2,965   26,74051     1 yr   HPV with Cytology triage   18   HPV with Cytology triage   None   No   2,965   26,74051     1 yr   HPV with Cytology triage   21   HPV with Cytology triage   None   No   2,558   26,74051     1 yr   HPV with Cytology triage   21   HPV with Cytology triage   None   No   2,558   26,74052     1 yr   HPV with Cytology triage   21   HPV with Cytology triage   None   No   2,558   26,74052     1 yr   HPV with Cytology triage   25   HPV with Cytology triage   None   No   2,099   26,73848     1 yr   HPV with Cytology triage   25   HPV with Cytology triage   None   No   2,099   26,73848     1 yr   HPV with Cytology triage   25   HPV with Cytology triage   None   No   2,099   26,73848     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   25   No   2,025   26,73919     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   30   No   1,842   26,73852-26.7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73807     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73807   26,73807     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73807	1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	•	26.74516
1 yr Cytology with HPV triage 21 Cytology with HPV triage None Yes 2,218 26.73313-26.7  1 yr Cytology with HPV triage 25 Cytology with HPV triage None No 1,545 26.73632  1 yr Cytology with HPV triage 25 Cytology with HPV triage None No 1,545 26.73632  1 yr Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,955 26.74492  1 yr HPV with Cytology triage 18 HPV with Cytology triage None No 2,965 26.73011  1 yr HPV with Cytology triage 18 HPV with Cytology triage None No 2,965 26.74051  1 yr HPV with Cytology triage 21 HPV with Cytology triage None No 2,558 26.74058  1 yr HPV with Cytology triage 21 HPV with Cytology triage None No 2,558 26.74068  1 yr HPV with Cytology triage 21 HPV with Cytology triage None No 2,558 26.74068  1 yr HPV with Cytology triage 21 HPV with Cytology triage None Yes 2,762 26.74545  1 yr HPV with Cytology triage 25 HPV with Cytology triage None Yes 2,762 26.74545  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 25 No 2,025 26.73919  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 No 1,842 26.74537-26.7  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 No 1,842 26.73857-26.7  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807-26.7  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807-26.7  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807-26.7  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807-26.7  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807  2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807  2 yrs Cytology with HPV tr	4	Outology with LIDV/ triogg	04	Outology with LIDV triogs	Mana	NI-		[26.74327-26.74622]
1 yr         Cytology with HPV triage         21         Cytology with HPV triage         None         Yes         2,218         26,74506           1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         No         1,545         26,73632           1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         Yes         1,955         26,73632           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         2,965         26,74492           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         2,965         26,7498           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         3,115         26,7492           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         2,762         26,74508           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         2,762         26,73537-26.7           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         N	1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	NO	•	
1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   No   1,545   26,74362     1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   Yes   1,955   26,74492     1 yr   Cytology with Cytology triage   18   HPV with Cytology triage   None   No   2,965   26,74525     1 yr   HPV with Cytology triage   18   HPV with Cytology triage   None   No   2,965   26,74549     1 yr   HPV with Cytology triage   18   HPV with Cytology triage   None   No   2,365   26,74549     1 yr   HPV with Cytology triage   21   HPV with Cytology triage   None   No   2,558   26,74008     1 yr   HPV with Cytology triage   21   HPV with Cytology triage   None   No   2,558   26,74008     1 yr   HPV with Cytology triage   21   HPV with Cytology triage   None   Yes   2,762   26,74549     1 yr   HPV with Cytology triage   25   HPV with Cytology triage   None   No   2,099   26,73848     1 yr   HPV with Cytology triage   25   HPV with Cytology triage   None   No   2,099   26,73849     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   25   No   2,025   26,7350-26,7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   30   No   1,842   26,73856   26,74549     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73307-26,7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73307-26,7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73307-26,7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73307-26,7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73307-26,7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73307-26,7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73307-26,7     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   1,663   26,73307-2	1 vr	Cytology with HPV triage	21	Cytology with HPV triage	None	Ves		
1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         No         1,545         26,73632           1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         Yes         1,955         26,74498-26.7           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         2,965         26,74498-26.7           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         3,115         26,7459-26.7           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         2,558-26.7         26,74408-26.7           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         2,558-26.7         26,74408-26.7           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         2,762-2-26.73497-26.7           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         2,099-26.73348-26.7           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology	ı yı	Cytology with the viriage	21	Cytology with the viriage	NONE	163	•	[26.74326-26.74610]
1 yr Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,955 26,74492 1 yr HPV with Cytology triage 18 HPV with Cytology triage None No 2,965 26,74051 1 yr HPV with Cytology triage 18 HPV with Cytology triage None Yes 3,115 26,74549 1 yr HPV with Cytology triage 21 HPV with Cytology triage None No 2,558 26,74051 1 yr HPV with Cytology triage 21 HPV with Cytology triage None No 2,558 26,74051 1 yr HPV with Cytology triage 21 HPV with Cytology triage None No 2,558 26,74061 1 yr HPV with Cytology triage 21 HPV with Cytology triage None Yes 2,762 26,74545 1 yr HPV with Cytology triage 25 HPV with Cytology triage None No 2,099 26,73848 1 yr HPV with Cytology triage 25 HPV with Cytology triage None No 2,099 26,73848 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 25 No 2,025 26,73919 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 25 Yes 2,243 26,74503 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 No 1,842 26,73857 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 Yes 2,120 26,74503 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73807 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73807 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73810 [26,74337-26,7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73810 [26,74337-26,7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73807 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73807 1,524-1,831] [26,73371-26,7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73807 1,524-1,831] [26,73371-26,7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73807 1,524-1,831] [26,73371-26,7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73807 1,524-1,831] [26,73371-26,7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26,73807 1,524-1,831] [26,73371	1 vr	Cytology with HPV triage	25	Cytology with HPV triage	None	No		
1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         Yes         1,955         26,74492           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         2,965         26,74051           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         3,115         26,74549           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         2,558         26,74408           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         2,558         26,74408           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         2,762         26,74545           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         2,099         26,73325-26.7           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         2,374         26,74525-26.7           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology	. ,.	eytetegy marria a mage		cytology man in a mage	. 10.10		•	[26.73010-26.74036]
1 yr HPV with Cytology triage 18 HPV with Cytology triage None No 2,965 26.74051 1 yr HPV with Cytology triage 18 HPV with Cytology triage None Yes 3,115 26.73179-26.7 1 yr HPV with Cytology triage 21 HPV with Cytology triage None No 2,558 26.74054 1 yr HPV with Cytology triage 21 HPV with Cytology triage None Yes 2,762 26.74405-26.7 1 yr HPV with Cytology triage 21 HPV with Cytology triage None Yes 2,762 26.74545 1 yr HPV with Cytology triage 25 HPV with Cytology triage None No 2,558 26.74545 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 25 No 2,025 26.73919 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 25 Yes 2,243 26.74535 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 No 1,842 26.73885 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 No 1,663 26.73509-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73509-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73509-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73509-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73509-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73509-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73509-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73509-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73307-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73307-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73307-26.7 1,986 2,381] [26.73371-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73307-26.7 1,986 2,381] [26.73371-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73307-26.7 1,986 2,281] [26.73357-26.7	1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes		26.74492
2,702-3,317   26.73719-26.7   1 yr	,	, 0,		, ,,			•	[26.74298-26.74608]
1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         3,115 [2,798-3,536]         26,74549 [2,798-3,536]           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         2,558 [2,319-2,856]         [26,74400-26.7           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         2,762 [2,517-3,117]         [26,74397-26.7           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         2,099 [1,910-2,329]         26,73325-26.7           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         2,374 [1,910-2,329]         26,73325-26.7           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         2,025 [2,67351-26.7         26,74525           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         2,243 [26,73571-26.7         26,74525         2,734 [26,73571-26.7         26,74523         26,74523         26,74523         26,74523         26,74523         26,74523         26,74523         26,74523         26,	1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	No	2,965	26.74051
2,798-3,536    26.74405-26.7							[2,702-3,317]	[26.73719-26.74262]
1 yr       HPV with Cytology triage       21       HPV with Cytology triage       None       No       2,558       26,74008         1 yr       HPV with Cytology triage       21       HPV with Cytology triage       None       Yes       2,762       26,74545         1 yr       HPV with Cytology triage       25       HPV with Cytology triage       None       No       2,099       26,73348         1 yr       HPV with Cytology triage       25       HPV with Cytology triage       None       Yes       2,374       26,74525       26,74545         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       25       No       2,025       26,73571-26.7         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       25       Yes       2,243       26,74537         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       No       1,842       26,73807         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       Yes       2,120       26,745331         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       No       1,656-2,0831       [26,74407-26.7	1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	•	26.74549
1 yr								[26.74405-26.74632]
1 yr       HPV with Cytology triage       21       HPV with Cytology triage       None       Yes       2,762       26.74545         1 yr       HPV with Cytology triage       25       HPV with Cytology triage       None       No       2,099       26.73348         1 yr       HPV with Cytology triage       25       HPV with Cytology triage       None       Yes       2,374       26.74526-26.7         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       25       No       2,025       26.73919         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       25       Yes       2,243       26.74536-26.7         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       No       1,842       26.73807         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       Yes       2,120       26.74530         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       No       1,656-2,081       [26.7450-2,67452-26.7         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       No       1,656-2,3811       [26.73371-26.7	1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	No		
1 yr		115)/ 11/ 6 / 1	0.4	LIBY W. O. J. J.				[26.73637-26.74230]
1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         2,099         26.73848           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         2,374         26.74525           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         2,025         26.73919           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         2,243         26.74537           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         1,842         26.73809-26.7           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         1,842         26.73509-26.7           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         2,120         26.74533           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         1,663         26.73371-26.7           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology	1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	,	
1 yr	4	LIDV/ with Catalogus triago	25	LIDV/ with Cotalogy triago	Mana	Nia		
1 yr       HPV with Cytology triage       25       HPV with Cytology triage       None       Yes       2,374       26.74525         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       25       No       2,025       26.73919         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       25       Yes       2,243       26.74537         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       No       1,842       26.74838         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       Yes       2,120       26.74533         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       No       1,663       26.73371-26.7         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       No       1,663       26.73371-26.7         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       Yes       1,980       26.74522         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       Yes       1,980       26.74522         1,849-2,171<	T yr	HPV with Cytology triage	25	HPV with Cytology thage	none	NO	•	
2 yrs	1 vr	HPV/ with Cytology triago	25	HDV with Cytology triago	None	Voc		
2 yrs	ı yı	TIF V Willi Cytology triage	25	TIF V With Cytology thage	None	162		
2 yrs	2 vrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No		
2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         2,243         26.74537           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         1,842         26.73885           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         2,120         26.74533           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         1,663         26.73807           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         1,663         26.73371-26.7           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         1,980         26.74522           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         1,980         26.74522           1,849-2,171]         [26.74385-26.7         [26.74385-26.7         [27.74385-26.7         [27.74385-26.7         [27.74385-26.7	2 y.o	Cytology Warrin v mago	10	Combination in V / Cytology	20	110	•	[26.73571-26.74173]
2 yrs	2 vrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes		26.74537
2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 Yes 2,120 26.74533 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 Yes 1,980 26.74522 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 Yes 1,980 26.74522 [1,849-2,171] [26.74385-26.7	,	, 0,		, 3,			•	[26.74403-26.74625]
2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       Yes       2,120       26.74533         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       No       1,663       26.73807         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       Yes       1,980       26.74522         [1,849-2,171]       [26.74385-26.7	2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	1,842	26.73885
2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 1,663 26.73807 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 Yes 1,980 26.74522 [1,849-2,171] [26.74385-26.7	-							[26.73509-26.74163]
2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       No       1,663       26.73807         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       Yes       1,980       26.74522         [1,849-2,171]       [26.74385-26.7	2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	,	26.74533
[1,524-1,831] [26.73371-26.7 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 Yes 1,980 26.74522 [1,849-2,171] [26.74385-26.7								[26.74397-26.74625]
2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 Yes 1,980 26.74522 [1,849-2,171] [26.74385-26.7	2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	•	
[1,849-2,171] [26.74385-26.7		0	4.0	0 11 11 1151//011				[26.73371-26.74115]
	2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	•	
	0	Outala au cuitle LIDV taia au	04	Combination LIDV / Cotalogue	0.5	NI-		
, , , , , , , , , , , , , , , , , , , ,	2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	NO	•	26.73879
• • • •	2 vre	Cytology with HPV triage	21	Combination HPV / Cytology	25	Vas		[26.73503-26.74158] 26.74531
	2 y13	Cytology with the village	۷1	Combination Fir v / Cytology	20	163	•	[26.74397-26.74620]
	2 vrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No		26.73828

						[1,489-1,902]	[26.73411-26.74139]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	1,965	26.74524
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	[1,813-2,215] 1,549	[26.74386-26.74615] 26.73772
2 yıs	Cytology with the vitilage	۷۱	Combination HF v / Cytology	33	NO	[1,398-1,730]	[26.73317-26.74110]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	1,869	26.74516
_ ,	cytology tage		communication in the cytology		. 55	[1,740-2,070]	[26.74371-26.74613]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	1,786	26.73756
-	-		-			[1,535-2,143]	[26.73248-26.74120]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	2,005	26.74516
						[1,796-2,354]	[26.74372-26.74614]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	1,518	26.73685
0	Outology with LIDV/ triogge	0.5	Combination LIDV / Cotalons	20	Vaa	[1,335-1,752]	[26.73123-26.74088]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	1,820	26.74507
2 vrc	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	[1,674-2,070] 1,394	[26.74356-26.74609] 26.73630
2 yrs	Cytology with the vittage	25	Combination HP v / Cytology	33	NO	[1,244-1,579]	[26.73033-26.74052]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	1,724	26.74498
2 y.o	Cytology Will I'm V thago	20	Combination in V / Cytology	00	100	[1,605-1,926]	[26.74340-26.74607]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	1,533	26.73857
•	, 0,		, 0, 0			[1,380-1,730]	[26.73491-26.74127]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	1,811	26.74522
						[1,656-2,012]	[26.74372-26.74623]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	1,445	26.73823
	0.1.1.11517.1	4.0	UDV W O . I			[1,321-1,593]	[26.73430-26.74117]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	1,762	26.74519
O vero	Cutology with UDV triago	18	UDV/ with Cutology triago	25	No	[1,637-1,924]	[26.74370-26.74624]
2 yrs	Cytology with HPV triage	10	HPV with Cytology triage	35	NO	1,369 [1,270-1,485]	26.73751 [26.73308-26.74076]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	1,713	26.74509
2 y.o	Cytology William V thago	.0	The Vivial Cytology mage	00	100	[1,614-1,832]	[26.74360-26.74618]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	1,423	26.73820
•	, 0,		, 0, 0			[1,257-1,641]	[26.73428-26.74100]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	1,698	26.74515
						[1,539-1,914]	[26.74358-26.74615]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	1,297	26.73769
	0.1.1.11517.1		UDV W O . I			[1,172-1,438]	[26.73323-26.74083]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	1,627	26.74509
2 vro	Cytology with HDV/ trices	24	UDV with Cutology trices	25	No	[1,513-1,782]	[26.74356-26.74606]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	1,242	26.73717

2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       30       No       1,142 [1,018-1,288] [26]         2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       30       Yes       1,482 [1,372-1,637] [26]         2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       35       No       1,088 [985-1,203] [26]         2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       35       Yes       1,446	26.74502 26.74347-26.74606] 26.73627 26.73039-26.74033] 26.74493 26.74334-26.74604] 26.73574 26.72958-26.74001] 26.74485 26.74316-26.74605]
2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       30       No       1,142 [1,018-1,288] [26]         2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       30       Yes       1,482 [1,372-1,637] [26]         2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       35       No       1,088 [985-1,203] [26]         2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       35       Yes       1,446	26.73627 26.73039-26.74033] 26.74493 26.74334-26.74604] 26.73574 26.72958-26.74001] 26.74485
2 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 Yes 1,482 [1,372-1,637] [26 2 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 No 1,088 [985-1,203] [26 2 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,446	26.73039-26.74033] 26.74493 26.74334-26.74604] 26.73574 26.72958-26.74001] 26.74485
2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       30       Yes       1,482         2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       35       No       1,088         2 yrs       Cytology with HPV triage       25       HPV with Cytology triage       35       Yes       1,446	26.74493 26.74334-26.74604] 26.73574 26.72958-26.74001] 26.74485
[1,372-1,637] [262 2 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 No 1,088 [985-1,203] [262 2 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,446	26.74334-26.74604] 26.73574 26.72958-26.74001] 26.74485
2 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 No 1,088 [985-1,203] [26 2 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,446	26.73574 26.72958-26.74001] 26.74485
[985-1,203] [26 2 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,446	26.72958-26.74001] 26.74485
2 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,446	26.74485
	20.74310-20.74005]
	26.72254
	26.73351 26.72667-26.73815]
2 yrs Cytology with HPV triage 18 Cytology with HPV triage None Yes 1,570	26.74431
	26.74223-26.74586]
2 yrs Cytology with HPV triage 21 Cytology with HPV triage None No 1,044	26.73292
	26.72605-26.73783]
2 yrs Cytology with HPV triage 21 Cytology with HPV triage None Yes 1,442	26.74421
	26.74216-26.74578]
2 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 889	26.73160
	26.72310-26.73749]
2 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,297	26.74409
	26.74195-26.74575]
2 yrs HPV with Cytology triage 18 HPV with Cytology triage None No 1,858	26.73893
	26.73544-26.74142]
2 yrs HPV with Cytology triage 18 HPV with Cytology triage None Yes 2,023	26.74527
	26.74380-26.74624]
2 yrs HPV with Cytology triage 21 HPV with Cytology triage None No 1,571	26.73845
	26.73461-26.74099]
2 yrs HPV with Cytology triage 21 HPV with Cytology triage None Yes 1,791	26.74519
	26.74363-26.74614] 26.73689
, , , , , , , , , , , , , , , , , , , ,	26.73148-26.74059]
2 yrs HPV with Cytology triage 25 HPV with Cytology triage None Yes 1,553	26.74500
, , , , , , , , , , , , , , , , , , , ,	26.74345-26.74607]
3 yrs Cytology with HPV triage 18 Combination HPV / Cytology 25 No 1,436	26.73642
, , , , , , , , , , , , , , , , , , , ,	26.73180-26.74036]
3 yrs Cytology with HPV triage 18 Combination HPV / Cytology 25 Yes 1,702	26.74490
	26.74303-26.74608]
3 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 No 1,330	26.73603

						[1,181-1,534]	[26.73114-26.74014]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	1,635	26.74486
						[1,505-1,833]	[26.74290-26.74605]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	1,196	26.73485
						[1,085-1,336]	[26.72908-26.73952]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	1,534	26.74468
0	O tales - MallDV (siese	0.4	Ossalala affas HDV//Ossala a	0.5	N.L.	[1,431-1,679]	[26.74263-26.74598]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	1,347	26.73606
2	Cutology with LIDV triago	24	Combination UDV / Cytology	O.F.	Voo	[1,164-1,610]	[26.73151-26.74019]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	1,618 [1,472-1,858]	26.74485 [26.74302-26.74607]
2 vrc	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	1,241	26.73565
3 yrs	Cytology with the village	۷۱	Combination (1) V / Cytology	30	INO	[1,086-1,449]	[26.73083-26.74004]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	1,551	26.74480
o yis	Cytology with the viriage	21	Combination in V / Cytology	30	103	[1,426-1,751]	[26.74295-26.74605]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	1,107	26.73451
O yio	Cytology Will Till V Hage	21	Combination in V / Cytology	00	140	[990-1,251]	[26.72887-26.73951]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	1,451	26.74464
o y. o	eytetegy marria v mage		community by to egy		. 55	[1,352-1,597]	[26.74268-26.74599]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	1,327	26.73529
•	, 0,		, 6,			[1,121-1,639]	[26.72976-26.73993]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	1,579	26.74474
-			-			[1,413-1,865]	[26.74296-26.74602]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	1,115	26.73426
						[967-1,314]	[26.72791-26.73944]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	1,440	26.74461
						[1,326-1,632]	[26.74275-26.74594]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	989	26.73308
_						[878-1,130]	[26.72605-26.73887]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	1,343	26.74444
0	Outalanussith LIDV/Ariana	40	LIDV with Outology trions	0.5	NI.	[1,255-1,484]	[26.74251-26.74586]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	1,096	26.73561
2	Cutology with LIDV triago	10	UDV with Cutology triogs	O.F.	Voo	[978-1,254]	[26.73081-26.73970]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	1,409	26.74472 [26.74286-26.74601]
2 vro	Cytology with HPV triage	18	HPV with Cytology triage	30	No	[1,292-1,570] 1,049	26.73528
3 yrs	Cytology with the viriage	10	TIF V With Cytology thage	30	INO	[949-1,174]	[26.73001-26.73949]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	1,386	26.74469
O yio	Cytology William v Hage	10	The with Cytology thage	50	103	[1,288-1,516]	[26.74272-26.74599]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	987	26.73415
5 7.0	c,.c.og, t alago		mar e jieleg ji mage				20.101.10

3 yrs							[905-1,083]	[26.72814-26.73893]
3 yrs	3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	1,347	26.74452
Syrs   Cytology with HPV triage   21   HPV with Cytology triage   25   Yes   1,325   26,74467   26,73356   26,74267   26,73457   27,73								[26.74243-26.74594]
3 yrs	3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	•	
3 yrs								
3 yrs	3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	·	
3 yrs		0		LIDY III O . I				
3 yrs	3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No		
3 yrs Cytology with HPV triage 21 HPV with Cytology triage 35 No 898 26.73382 [817-988] [26.72472-26.74597] 26.74466 [1,190-1,355] [26.72472-26.74591] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 No 844 26.73344 [26.7249-26.74581] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 No 844 26.73344 [26.74269-26.73873] 26.74446 [1,190-1,355] [26.74249-26.74591] 26.74259-26.74587] 26.74259-26.74587] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 Yes 1,199 26.74443 [26.74259-26.74587] 26.74259-26.74587] 26.74259-26.74587] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 No 787 26.73237 [710-876] [26.72506-26.73825] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,161 26.74427 [1.098-1,250] [26.74269-26.74580] 3 yrs Cytology with HPV triage 18 Cytology with HPV triage None No 848 26.72828 [795-904] [26.71897-26.733497] 26.74316 [1.022-1,278] [26.74053-26.74538] 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None No 759 26.72790 [712-814] [26.71885-26.73473] 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None No 759 26.72790 [712-814] [26.71885-26.73473] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74537 [26.74053-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74357 [26.74053-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74357 [26.74053-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74357 [26.74053-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74537 [26.74053-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.745367 [26.74053-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.745367 [26.74053-26.74536] [26.74053-26.74536] [26.74053-26.74536] [26.74053-26.74536] [26.74053-26.74536] [26.74053-26.74536] [26.74053-26.74534] [26.74053-26.74534] [26.74053-26.74534] [26.74053-26.74534] [	0	Outology with LIDV/ trip as	04	LIDV/ with Contain and this are	20	V		
3 yrs	3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	•	
3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,263 26,74446 [1,190-1,355] [26,74249-26,74591] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 No 844 26,73344 26,74449 [1,119-1,355] [26,74249-26,74591] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 Yes 1,199 26,74443 [1,113-1,324] [26,74250-26,74587] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 No 787 26,73237 [710-876] [26,7250-26,74587] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,161 26,74250-26,74580] 3 yrs Cytology with HPV triage 18 Cytology with HPV triage None No 848 26,72828 [795-904] [26,74851-26,74580] 3 yrs Cytology with HPV triage 18 Cytology with HPV triage None Yes 1,244 26,74332 [1,202-1,278] [26,74053-26,74538] 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None No 759 26,72790 [712-814] [26,7485-26,73473] 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None Yes 1,160 26,74357] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26,72679 [1,124-1,193] [26,74053-26,74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26,72679 [26,71659-26,74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26,72679 [26,71658-26,73453] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26,72679 [26,71658-26,73453] 26,74053-26,745316 [1,035-1,089] [26,74042-26,74534]	2	Cutology with UDV triago	24	LIDV/ with Cytology triago	25	No		
3 yrs	3 yıs	Cytology with HPV thage	۷ ا	HPV with Cytology thage	33	INO		
3 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 No 844 26.73344 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 Yes 1,199 26.74443 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 No 787 26.73237 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 No 787 26.73237 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,161 26.7256-26.73825] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,161 26.74427 3 yrs Cytology with HPV triage 18 Cytology with HPV triage None No 848 26.72828 3 yrs Cytology with HPV triage 18 Cytology with HPV triage None Yes 1,244 26.74332 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None No 759 26.72790 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None Yes 1,160 26.74327 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None Yes 1,160 26.74373 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,160 26.74327 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.72679 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74537 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74316 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74316 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.74316 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316	3 vre	Cytology with HPV triage	21	HPV with Cytology triage	35	Vac		
3 yrs	3 y13	Cytology with the viriage	۷1	The value of the control of the cont	33	163	•	
3 yrs Cytology with HPV triage 25 HPV with Cytology triage 30 Yes 1,199 26.74443 [1,113-1,324] [26.72669-26.73873] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 No 787 26.73237 [710-876] [26.72506-26.73825] 3 yrs Cytology with HPV triage 25 HPV with Cytology triage 35 Yes 1,161 26.74427 [1,098-1,250] [26.74231-26.74580] 3 yrs Cytology with HPV triage 18 Cytology with HPV triage None No 848 26.72828 [795-904] [26.7431-26.73497] 3 yrs Cytology with HPV triage 18 Cytology with HPV triage None Yes 1,244 26.74332 [1,202-1,278] [26.74053-26.73497] 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None No 759 26.72790 [26.74367] 3 yrs Cytology with HPV triage 21 Cytology with HPV triage None Yes 1,160 26.74327 [1,124-1,193] [26.71885-26.73473] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.72679 [1,124-1,193] [26.74059-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316 [1,035-1,089] [26.7402-26.74534]	3 vrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No		
3 yrs	o yio	Cytology Will I'm V mago	20	The Vivial Cytology mago	00	. 10	-	
3 yrs	3 vrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes		
3 yrs	- ,	c,g,		The state of the says and go			•	
3 yrs   Cytology with HPV triage   25   HPV with Cytology triage   35   Yes   1,161   26,74427   [1,098-1,250]   [26.74231-26.74580]   3 yrs   Cytology with HPV triage   18   Cytology with HPV triage   None   No   848   26.72828   [795-904]   [26.71897-26.73497]   3 yrs   Cytology with HPV triage   18   Cytology with HPV triage   None   Yes   1,244   26.74332   [1,202-1,278]   [26.74053-26.74538]   3 yrs   Cytology with HPV triage   21   Cytology with HPV triage   None   No   759   26.72790   [712-814]   [26.71885-26.73473]   3 yrs   Cytology with HPV triage   21   Cytology with HPV triage   None   Yes   1,160   26.74327   [1,124-1,193]   [26.74059-26.74537]   3 yrs   Cytology with HPV triage   25   Cytology with HPV triage   None   No   655   26.72679   [616-703]   [26.74059-26.73462]   3 yrs   Cytology with HPV triage   25   Cytology with HPV triage   None   Yes   1,064   26.74316   [1,035-1,089]   [26.74042-26.74534]	3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No		
3 yrs				, .,			[710-876]	[26.72506-26.73825]
3 yrs	3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	1,161	26.74427
3 yrs							[1,098-1,250]	[26.74231-26.74580]
3 yrs	3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No		
3 yrs Cytology with HPV triage 21 Cytology with HPV triage None No Cytology with HPV triage 21 Cytology with HPV triage None Yes 1,160 26.74327 [1,124-1,193] [26.74059-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.72679 [616-703] [26.71628-26.73462] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316 [1,035-1,089] [26.74042-26.74534]								
3 yrs	3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	•	
T12-814  [26.71885-26.73473]   3 yrs   Cytology with HPV triage   21   Cytology with HPV triage   None   Yes   1,160   26.74327   [1,124-1,193]   [26.74059-26.74537]   3 yrs   Cytology with HPV triage   S   Cytology with HPV triage   None   No   655   26.72679   [616-703]   [26.71628-26.73462]   3 yrs   Cytology with HPV triage   S   Cytology with HPV triage   None   Yes   1,064   26.74316   [1,035-1,089]   [26.74042-26.74534]								
3 yrs Cytology with HPV triage 21 Cytology with HPV triage None Yes 1,160 26.74327 [1,124-1,193] [26.74059-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.72679 [616-703] [26.71628-26.73462] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316 [1,035-1,089] [26.74042-26.74534]	3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No		
3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No [1,124-1,193] [26.74059-26.74537] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316 [1,035-1,089] [26.74042-26.74534]	•	0 1 1 115 11 11	0.4	0.11 34 11017				
3 yrs Cytology with HPV triage 25 Cytology with HPV triage None No 655 26.72679 [616-703] [26.71628-26.73462] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316 [1,035-1,089] [26.74042-26.74534]	3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	,	
[616-703] [26.71628-26.73462] 3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316 [1,035-1,089] [26.74042-26.74534]	2	Cutalogy with LIDV triago	25	Cutalogue with LIDV triago	Nana	Nia		
3 yrs Cytology with HPV triage 25 Cytology with HPV triage None Yes 1,064 26.74316 [1,035-1,089] [26.74042-26.74534]	3 yrs	Cytology with HPV triage	25	Cytology with HPV thage	none	INO		
[1,035-1,089] [26.74042-26.74534]	2 vrc	Cytology with UDV triago	25	Cytology with UDV triago	None	Voc		•
• • • •	3 yıs	Cytology with the viriage	25	Cytology with the viriage	None	162	•	
5 yrs Till V Willi Cytology trage To Till V Willi Cytology trage Tvorie Tvo 1,505 20.75019	3 vre	HPV with Cytology triage	18	HPV with Cytology triage	None	No		•
[1,187-1,699] [26.73141-26.73975]	3 y 13	The vivil Cytology thage	10	The Viville Cytology thage	None	140	•	
3 yrs HPV with Cytology triage 18 HPV with Cytology triage None Yes 1,595 26.74478	3 vrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes		
[1,362-1,937] [26.74294-26.74604]	5 7.0	in i mai cytology mago	. •	zytology mago			•	
3 yrs HPV with Cytology triage 21 HPV with Cytology triage None No 1,171 26.73587	3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No		•

						[992-1,427]	[26.73110-26.73968]
3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	1,424	26.74473
	1151/11/15 - 1		UDV W O . I			[1,250-1,696]	[26.74281-26.74601]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	948	26.73442
2 1/20	HDV/ with Cutology triago	25	HDV/ with Cutology triago	None	Yes	[811-1,141]	[26.72855-26.73930] 26.74455
3 yrs	HPV with Cytology triage	23	HPV with Cytology triage	None	165	1,255 [1,131-1,448]	[26.74273-26.74594]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	988	26.73000
O ylo	Cytology with the viriage	10	Combination in V / Cytology	20	140	[855-1,188]	[26.72300-26.73626]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	1,290	26.74366
- <b>,</b>	c, and g, and a mage		community of the gy			[1,180-1,468]	[26.74111-26.74563]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	882	26.72886
·	, 0,		,			[781-1,021]	[26.72104-26.73581]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	1,222	26.74351
						[1,135-1,358]	[26.74091-26.74551]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	812	26.72742
						[733-916]	[26.71855-26.73495]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	1,169	26.74331
_	0.11	0.4	0 1: :: : !!D\// 0 : !	0.5		[1,097-1,273]	[26.74056-26.74540]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	971	26.72983
Euro	Cytology with LIDV triago	24	Combination HDV / Cutalogy	25	Voc	[817-1,205]	[26.72319-26.73620]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	1,258 [1,140-1,462]	26.74355 [26.74083-26.74557]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	[1,140-1,402] 846	26.72885
J yl3	Cytology with the viriage	21	Combination in V / Cytology	30	140	[728-1,005]	[26.72134-26.73584]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	1,182	26.74345
0 7.0	eytelegy marrii v mage		Combination in 17 Cytology	00	. 00	[1,090-1,332]	[26.74065-26.74554]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	767	26.72752
,	, 0,		, 3,			[675-885]	[26.71904-26.73513]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	1,124	26.74327
						[1,050-1,239]	[26.74038-26.74546]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	961	26.72948
_						[793-1,224]	[26.72174-26.73629]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	1,239	26.74356
_	0		0 11 11 11 11 11 11 11 11 11 11 11 11 11			[1,108-1,469]	[26.74102-26.74556]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	812	26.72842
F	Cutalogue with LIDV/triogg	25	Combination LIDV / Cytalogy	20	Vaa	[689-988]	[26.71984-26.73579]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	1,146	26.74343 [26.74084-26.74548]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	[1,055-1,306] 727	[26.74084-26.74548] 26.72710
Jylo	Cytology with the village	23	Combination for V / Cytology	55	INU	121	20.12110

						[631-855]	[26.71729-26.73503]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	1,086	26.74326
_						[1,014-1,209]	[26.74055-26.74534]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	747	26.72887
<b>5</b>	Outology with LIDV/ triogge	40	LIDV/ with Outology trians	05	V	[660-861]	[26.72165-26.73544]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	1,089	26.74342 [26.74074-26.74548]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	[1,010-1,199] 700	26.72782
J yis	Cytology with the vittage	10	THE V WITH Cytology thage	30	NO	[630-787]	[26.71975-26.73507]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	1,064	26.74329
O yio	Cytology with the viriage	10	The V with Cytology thage	00	100	[1,003-1,147]	[26.74052-26.74541]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	672	26.72654
- <b>,</b>			yg,gc			[611-748]	[26.71741-26.73433]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	1,046	26.74311
•			,			[995-1,114]	[26.74024-26.74533]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	704	26.72877
						[609-839]	[26.72163-26.73547]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	1,039	26.74334
_						[957-1,169]	[26.74043-26.74552]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	647	26.72781
_	0 ( ) ( ) ( ) ( ) ( )	0.4	HDV W O . I	00		[573-742]	[26.71990-26.73501]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	1,011	26.74322
Evro	Cutology with UDV triago	24	LIDV with Cutology triago	25	No	[950-1,100]	[26.74034-26.74545]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	615 [555-695]	26.72660 [26.71778-26.73439]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	991	26.74307
J yls	Cytology with the viriage	21	The vivial Cytology mage	55	163	[939-1,059]	[26.74012-26.74540]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	598	26.72733
0 7.0	Cytology Marrie V mage		in vinar cytology mage	00	. 10	[522-700]	[26.71845-26.73491]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	962	26.74322
•	, , ,		, 6, 6			[900-1,058]	[26.74044-26.74539]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	562	26.72609
						[501-638]	[26.71596-26.73420]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	942	26.74305
						[894-1,011]	[26.74014-26.74526]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	594	26.71960
_	0 ( ) ( ) ( ) ( ) ( )	40	0 ( ) ( ) ( ) ( )			[548-646]	[26.70665-26.72905]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	989	26.74161
5 vrc	Cytology with HDV triago	21	Cytology with HPV triago	None	No	[955-1,020] 531	[26.73783-26.74471] 26.71909
5 yrs	Cytology with HPV triage	<b>∠</b> I	Cytology with HPV triage	None	INU	ا 33 I	20.7 1909

						[489-583]	[26.70618-26.72865]
5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	930	26.74144
						[901-958]	[26.73757-26.74459]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	471	26.71857
						[435-521]	[26.70423-26.72862]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	875	26.74142
						[851-895]	[26.73755-26.74461]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	980	26.72987
						[814-1,227]	[26.72321-26.73581]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	1,230	26.74354
						[1,056-1,493]	[26.74087-26.74556]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	807	26.72930
_						[673-1,003]	[26.72231-26.73560]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	1,101	26.74340
						[978-1,308]	[26.74048-26.74555]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	668	26.72831
						[566-819]	[26.72032-26.73539]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	999	26.74334
						[910-1,146]	[26.74061-26.74548]

**Supplementary Table 5. Discounted Life Expectancies (Means and Minimums and Maximums)** 

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Life expectancy
		years		years		Years
	Natural History					29.29524
						[29.27145-29.31664]
None	N/A	N/A	N/A	N/A	Yes	29.34771
						[29.33776-29.35506]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.35737
						[29.35527-29.35888]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.36074
	0	4.0	0 11 11 11 11 11 11 11 11 11			[29.35974-29.36124]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	29.35725
À	0 ( ) ( ) ( ) ( ) ( )	4.0	0 1: (: 115)//0/1	00		[29.35512-29.35881]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	29.36073
4	Outology with LIDV tripes	40	Combination LIDV / Cotalanu	25	NI.	[29.35969-29.36124]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.35706
1 vr	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	[29.35482-29.35875] 29.36070
1 yr	Cytology with HPV thage	10	Combination HPV / Cytology	33	165	[29.35964-29.36124]
1 vr	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	29.35701
1 yr	Cytology with the vitilage	21	Combination HP V / Cytology	25	NO	[29.35464-29.35870]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.36069
ı yı	Cytology with the value	21	Combination in V7 Cytology	20	103	[29.35973-29.36123]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	29.35691
	Cytology Warrin V mago		Combination in V7 Cytology	00	110	[29.35450-29.35866]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	29.36068
. ,.	cytology					[29.35968-29.36122]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.35671
,	, 0,		, 0,			[29.35408-29.35853]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	29.36063
-						[29.35957-29.36119]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	29.35577
						[29.35209-29.35825]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.36053
						[29.35951-29.36118]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.35554
						[29.35167-29.35819]

1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.36050
			-			[29.35943-29.36118]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	29.35533
4	O tales - 20 HDV Gas	0.5	Ossalisatia s UDV / Ostalas	0.5	<b>V</b>	[29.35128-29.35808]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.36047
1	Cutology with LIDV triago	18	LIDV with Cutalogy triago	25	No	[29.35936-29.36116] 29.35721
1 yr	Cytology with HPV triage	10	HPV with Cytology triage	25	INO	[29.35491-29.35869]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	29.36067
· y·	Cytology with the viriage	10	The Viville Cytology thage	20	100	[29.35960-29.36124]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.35706
,	-,				-	[29.35459-29.35857]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.36064
•			, ,			[29.35952-29.36123]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.35687
						[29.35445-29.35854]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.36063
						[29.35947-29.36120]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.35685
4	Cutalogue with LIDV/ triogg	24	LIDV/ with Catalogy triagg	05	Vaa	[29.35433-29.35851]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.36062
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	No	[29.35959-29.36122] 29.35672
ıyı	Cytology with the village	21	TIF V With Cytology thage	30	INO	[29.35405-29.35845]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.36060
	Cytology Warrin V mago	2.	The Vivial Cytology mage	00	100	[29.35950-29.36119]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.35654
,	-,					[29.35376-29.35835]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.36056
						[29.35940-29.36113]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35532
						[29.35114-29.35797]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	29.36043
4	0.41	0.5	115)/ 31 0 / 1 / 3	0.5		[29.35922-29.36119]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.35512
1	Cutology with LIDV triago	25	LIDV with Cutalogy triago	25	Voc	[29.35081-29.35788]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.36040 [29.35918-29.36114]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.35565
ı yı	Cytology with the village	10	Sylology with the thage	140116	140	[29.35288-29.35788]
						[20.00200 20.00700]

1 yr         Cytology with HPV triage         21         Cytology with HPV triage         None         No         29.35529           1 yr         Cytology with HPV triage         21         Cytology with HPV triage         None         Yes         29.36033           1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         No         29.35935-29.36           1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         Yes         29.36020           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         29.35504-29.36           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         29.35604-29.36           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         29.35695-29.36           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         29.36062           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35593-29.36           2 yrs         Cytology with HPV triage         18	1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.36043
29.35200-29.35							[29.35910-29.36117]
1 yr         Cytology with HPV triage         21         Cytology with HPV triage         None         Yes         29.36033           1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         No         29.35995-29.36           1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         Yes         29.36020           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         29.35042-29.36           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         29.36065           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         29.35662-29.36           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         29.35662-29.36           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35555-29.35           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35555-29.36           2 yrs         Cytology with HPV triage         18	1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	No	
1 yr   Cytology with HPV triage   25   Cytology with HPV triage   None   No   29.35395	4	Cutalogramith LIDV/triogra	04	Cutalogue with LIDV triagge	Nana	Vaa	•
1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         No         29.35395           1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         Yes         29.36020           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         29.35504-29.35           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         29.36066-29.36           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         None         None         None         29.35696-29.36           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         29.36062         129.35966-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35963-29.36         129.35962-29.36         129.35962-29.36         129.35962-29.36         129.35962-29.36         129.35962-29.36         129.	T yr	Cytology with HPV thage	21	Cytology with HPV thage	None	res	
1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         Yes         29.34933-29.35           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         29.35728           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         29.36065           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         29.35966-29.36           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         29.36062           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35556-29.36           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35555-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35402-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.35055-29.35           2 yrs         Cytology with HPV triage <td< td=""><td>1 vr</td><td>Cytology with HPV triage</td><td>25</td><td>Cytology with HPV triage</td><td>None</td><td>No</td><td><u>.</u></td></td<>	1 vr	Cytology with HPV triage	25	Cytology with HPV triage	None	No	<u>.</u>
1 yr         Cytology with HPV triage         25         Cytology with HPV triage         None         Yes         29,36020 [29,35883-29.36           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         29,35728           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         29,35605           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         29,35695           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         29,35695           1 yr         HPV with Cytology triage         None         Yes         29,35695         129,35635           1 yr         HPV with Cytology triage         None         Yes         29,35693         129,35635           1 yr         HPV with Cytology triage         None         Yes         29,35693         129,35159-29,36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29,35608           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29,35608	ıyı	Cytology with the viriage	25	Cytology with the viriage	None	NO	
1 yr	1 vr	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	
1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         No         29.35728 [29.35504-29.35 [29.35504-29.35]           1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         29.36965 [29.35966-29.36]           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         None         Yes         29.3695 [29.35693-29.36]           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35936-29.36           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35695 [29.35159-29.35]           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         29.36043 [29.35926-29.36]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35605 [29.35692-29.36]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35605 [29.35692-29.36]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No<	. ,.	cytting, martin i mage		cyclegy man and analys			[29.35883-29.36104]
1 yr         HPV with Cytology triage         18         HPV with Cytology triage         None         Yes         29.36065 [29.35966-29.36           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         29.35695           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         29.35062           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35555           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         29.36036           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35636           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.36036           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35962-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35935-29.35           2 yrs         Cytology with HPV triage         18 <td>1 yr</td> <td>HPV with Cytology triage</td> <td>18</td> <td>HPV with Cytology triage</td> <td>None</td> <td>No</td> <td>•</td>	1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	No	•
1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         29.35695           1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         29.36062           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.355963-29.36           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         29.36043           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35636           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.36058           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35608           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.36055           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35642-29.36           2 yrs         Cytology with HPV triage         18 <td< td=""><td>-</td><td>,</td><td></td><td>, ,,</td><td></td><td></td><td>[29.35504-29.35873]</td></td<>	-	,		, ,,			[29.35504-29.35873]
1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         No         29.35695 [29.35431-29.35 29.36062 29.36062 29.36062 29.36062 29.35605]           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35555 [29.35159-29.35 2	1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	29.36065
1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         29.36062           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35555           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         29.355159-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35636           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.36068           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35602-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.356055           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35542-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35542-29.35           2 yrs         Cytology with HPV triage         18 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[29.35966-29.36122]</td>							[29.35966-29.36122]
1 yr         HPV with Cytology triage         21         HPV with Cytology triage         None         Yes         29.36062 [29.35963-29.36]           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35555 [29.35159-29.35]           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         29.36043 [29.35926-29.36]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35036 [29.3540-29.36]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35055 [29.35535-29.35]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.36048 [29.35355-29.35]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35954-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35046-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35046-29.36	1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	No	
1 yr	_						[29.35431-29.35852]
1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         No         29.35555 [29.35159-29.35           1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         29.36043 [29.35926-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35036 [29.35402-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.36058 [29.35962-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35355-29.35 [29.35355-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.36055 [29.35954-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35234-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35246-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35946-29.36 <td>1 yr</td> <td>HPV with Cytology triage</td> <td>21</td> <td>HPV with Cytology triage</td> <td>None</td> <td>Yes</td> <td></td>	1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	
1 yr       HPV with Cytology triage       25       HPV with Cytology triage       None       Yes       29.36043 [29.35926-29.36         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       25       No       29.35636 [29.35402-29.35         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       25       Yes       29.36058 [29.35962-29.36         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       No       29.35608 [29.35956-29.35         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       30       Yes       29.36055 [29.35954-29.36         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       No       29.35244 [29.35239-29.35         2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       Yes       29.35047 [29.35946-29.36         2 yrs       Cytology with HPV triage       21       Combination HPV / Cytology       25       No       29.35600 [29.35340-29.35	4	LIDV - 24- O. Calana Glass	0.5	LIDVA 201. O tales a trians	Nicol	NI.	
1 yr         HPV with Cytology triage         25         HPV with Cytology triage         None         Yes         29.36043 [29.35926-29.36 [29.35926-29.36]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35636 [29.35402-29.35]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.36058 [29.35962-29.36]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35055 [29.35954-29.36]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35239-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35239-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.36047 [29.35246-29.36           2 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.35600 [29.35340-29.35	1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	No	
2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   25   No   29.35936-29.36   [29.35402-29.35   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   25   Yes   29.36058   [29.35962-29.36   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   30   No   29.35608   [29.35355-29.35   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   30   Yes   29.36055   [29.35954-29.36   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   29.35544   [29.35239-29.35   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   Yes   29.36047   [29.35239-29.35   2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600   [29.35340-29.35   2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600   [29.35340-29.35   2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600   [29.35340-29.35   [	1 vr	HDV with Cutology triago	25	UDV with Cytology triago	None	Voc	
2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.35636 [29.35402-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.36058 [29.35962-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.355608 [29.35355-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.36055 [29.35954-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35249-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.36047 [29.35946-29.36           2 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.35600 [29.35340-29.35	ı yı	HPV with Cytology thage	25	HPV with Cytology thage	None	165	
2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   25   Yes   29.36058   [29.35962-29.36]   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   30   No   29.35608   [29.35355-29.35]   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   30   Yes   29.36055   [29.35954-29.36]   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   29.35544   [29.35239-29.35]   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   Yes   29.36047   [29.35946-29.36]   2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600   [29.35340-29.35]	2 vrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	
2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.36058 [29.35962-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35355-29.35 [29.35355-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.36055 [29.3594-29.36           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35239-29.35 [29.35239-29.35           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.36047 [29.35946-29.36           2 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.35600 [29.35340-29.35	2 y13	Cytology Will Till V thage	10	Combination in V / Cytology	20	140	[29.35402-29.35820]
2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   30   No   29.35608   [29.35355-29.35   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   30   Yes   29.36055   [29.35954-29.36   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   29.35544   [29.35239-29.35   2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   Yes   29.36047   [29.35946-29.36   2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600   [29.35340-29.35   2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600   [29.35340-29.35   2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600   [29.35340-29.35   [29.3534	2 vrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	
2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.35608 [29.35355-29.35 29.35 29.35 29.36055 29.36055 29.36055 29.36055 [29.35954-29.36 29.36055 29.35954-29.36 29.35954-29.36 29.35954-29.36 29.35954-29.36 29.35239-29.35 2	_ ,	cytology man i mage	. •	communication in the cytology		. 55	[29.35962-29.36119]
2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 30 Yes 29.36055 [29.35355-29.35 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 No 29.35544 [29.35239-29.35 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 Yes 29.36047 [29.35946-29.36 2 yrs Cytology with HPV triage 21 Combination HPV / Cytology 25 No 29.35600 [29.35340-29.35	2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	•
29.35954-29.36     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   29.35544     2 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   Yes   29.36047     2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600     2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600     2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35600     2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     2 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     3 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     4 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     6 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     7 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     7 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.35340-29.35     7 yrs   Cytology with HPV triage   21   Cytology   25   No   29.35340-29.35     7 yrs   Cytology with HPV triage   21   Cytology   25   No   29.3544     7 yrs   Cytology with HPV triage   21   Cytology   25   Cytology	•			, ,,			[29.35355-29.35813]
2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.35544 [29.35239-29.35]           2 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.36047 [29.35946-29.36]           2 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.35600 [29.35340-29.35]	2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	
[29.35239-29.35] 2 yrs Cytology with HPV triage 18 Combination HPV / Cytology 35 Yes 29.36047 [29.35946-29.36] 2 yrs Cytology with HPV triage 21 Combination HPV / Cytology 25 No 29.35600 [29.35340-29.35]							[29.35954-29.36119]
2 yrs       Cytology with HPV triage       18       Combination HPV / Cytology       35       Yes       29.36047         2 yrs       Cytology with HPV triage       21       Combination HPV / Cytology       25       No       29.35600         [29.35340-29.35	2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	
[29.35946-29.36] 2 yrs Cytology with HPV triage 21 Combination HPV / Cytology 25 No 29.35600 [29.35340-29.35]	_						[29.35239-29.35772]
2 yrs Cytology with HPV triage 21 Combination HPV / Cytology 25 No 29.35600 [29.35340-29.35	2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	
[29.35340-29.35	0	Outology with LIDV triogs	04	Combination UDV / Cotalogue	0.5	NIa	
•	∠ yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	INO	
	2 vre	Cytology with HDV triage	21	Combination HPV / Cytology	25	Voc	•
, , , , , , , , , , , , , , , , , , , ,	Z yıs	Cytology with the village	۷ ۱	Combination Fir v / Cytology	23	163	[29.35957-29.36116]
2 yrs Cytology with HPV triage 21 Combination HPV / Cytology 30 No 29.35559	2 vrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	
, , , , , , , , , , , , , , , , , , , ,	<i>-</i> 3.0	Cytology marrin v mago	۷.	Combination in V / Cytology	00		[29.35266-29.35797]

2 yrs Cytology with HPV triage 21 Combination HPV / Cytology 35 2 yrs Cytology with HPV triage 21 Combination HPV / Cytology 35 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	[29.35952-29.361] No 29.35515 [29.35192-29.357] Yes 29.36040 [29.35942-29.361] No 29.35493 [29.35117-29.357] Yes 29.36039 [29.35938-29.361] [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391 [29.34950-29.357]	7775] 107] 777] 111]
2 yrs Cytology with HPV triage 21 Combination HPV / Cytology 35 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	Yes 29.35192-29.357 Yes 29.36040 [29.35942-29.361 No 29.35493 [29.35117-29.357 Yes 29.36039 [29.35938-29.361 No 29.35434 [29.35016-29.357 Yes 29.36031 [29.35923-29.361 No 29.35391	107] 777] 111] 750]
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	Yes 29.36040 [29.35942-29.361] No 29.35493 [29.35117-29.357] Yes 29.36039 [29.35938-29.361] No 29.35434 [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391	107] 777] 111] 750]
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	[29.35942-29.361] No 29.35493 [29.35117-29.357] Yes 29.36039 [29.35938-29.361] No 29.35434 [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391	777] 111] 750]
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	No 29.35493 [29.35117-29.357] Yes 29.36039 [29.35938-29.361] No 29.35434 [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391	777] 111] 750]
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 25 2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	[29.35117-29.357] Yes 29.36039 [29.35938-29.361] No 29.35434 [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391	111] 750]
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	Yes 29.36039 [29.35938-29.361] No 29.35434 [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391	111] 750]
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	[29.35938-29.361] No 29.35434 [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391	750]
, , , , , , , , , , , , , , , , , , , ,	No 29.35434 [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391	750]
, , , , , , , , , , , , , , , , , , , ,	Yes [29.35016-29.357] Yes 29.36031 [29.35923-29.361] No 29.35391	-
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	Yes 29.36031 [29.35923-29.361 No 29.35391	-
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30	[29.35923-29.361 No 29.35391	105]
, , , , , , , , , , , , , , , , , , , ,	No 29.35391	105]
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 35	129,34950-29.35	7041
Orman Ortala munith LIDV triana OF Oarchination LIDV / Ortala municipal Company	• • • • • • • • • • • • • • • • • • •	/21]
2 yrs Cytology with HPV triage 25 Combination HPV / Cytology 35	Yes 29.36024	4001
Ourse Outstand UDV trians 40 UDV with Outstand trians 05	[29.35909-29.361	103]
2 yrs Cytology with HPV triage 18 HPV with Cytology triage 25	No 29.35587	70.41
Ours Cutology with UDV triago 19 UDV with Cutology triago 25	[29.35331-29.357	784]
2 yrs Cytology with HPV triage 18 HPV with Cytology triage 25	Yes 29.36047	1101
2 yrs Cytology with HPV triage 18 HPV with Cytology triage 30	[29.35939-29.361 No 29.35559	110]
2 yrs Cytology with HPV triage 18 HPV with Cytology triage 30	[29.35291-29.357	7701
2 yrs Cytology with HPV triage 18 HPV with Cytology triage 30	Yes 29.36044	/ / o]
2 yrs Cytology with HPV triage 18 HPV with Cytology triage 30	[29.35936-29.361	1101
2 yrs Cytology with HPV triage 18 HPV with Cytology triage 35	No 29.35500	110]
2 yrs Cytology with the vinage 10 The vith Cytology thage 33	[29.35188-29.357	7/21
2 yrs Cytology with HPV triage 18 HPV with Cytology triage 35	Yes 29.36036	742]
2 yrs Cytology warring valage 10 m v warr cytology alage 00	[29.35926-29.361	1141
2 yrs Cytology with HPV triage 21 HPV with Cytology triage 25	No 29.35554	,
2 yrs Sylology marrie vallage 2 rie v mar Sylology mags 25	[29.35279-29.357	7621
2 yrs Cytology with HPV triage 21 HPV with Cytology triage 25	Yes 29.36039	ŭ-j
	[29.35930-29.361	1101
2 yrs Cytology with HPV triage 21 HPV with Cytology triage 30	No 29.35513	
	[29.35195-29.357	7591
2 yrs Cytology with HPV triage 21 HPV with Cytology triage 30	Yes 29.36034	•
	[29.35931-29.361	105]
2 yrs Cytology with HPV triage 21 HPV with Cytology triage 35	No 29.35470	-
	[29.35112-29.357	730]

2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.36029
-	,		, .,			[29.35924-29.36101]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35386
_						[29.34944-29.35706]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	29.36020
0	Cutala munith LIDV tria na	0.5	LIDV/ with Costala and trians	0.5	NIa	[29.35906-29.36100]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.35345 [29.34887-29.35678]
2 vrc	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	[29.34667-29.35676] 29.36014
2 yrs	Cytology with the vittage	25	TIF V Will Cytology thage	33	163	[29.35890-29.36101]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.35185
2 y.o	Cytology Warrin V mago	10	Cytology Warrin V mage	140110	110	[29.34678-29.35533]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.35976
,	- 7 37		- 7 37			[29.35827-29.36090]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.35135
-	,		,			[29.34623-29.35512]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	29.35965
						[29.35820-29.36081]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.35019
_						[29.34381-29.35472]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35955
0.440	LIDV/ with Catalogus triagge	40	LIDV/ with Catalogy triago	Nana	No	[29.35798-29.36081]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.35615
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	[29.35356-29.35794] 29.36051
2 yı 5	The vivilin Cytology thage	10	TIF V With Cytology thage	None	165	[29.35947-29.36119]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	29.35575
2 y.o	The Vivial Cytology mago	21	The Vivial Cytology mage	140110	110	[29.35302-29.35759]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	29.36044
•	, 6, 6		, 6, 6			[29.35938-29.36112]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.35439
						[29.35040-29.35730]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.36026
_						[29.35916-29.36106]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.35420
0	O (alam 20 UD)/ (dans	40	Openhination UDV//O tales	0.5	V	[29.35072-29.35714]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.36022
2 vro	Cytology with UDV triags	18	Combination HDV / Cutalogy	30	No	[29.35892-29.36108] 29.35388
3 yrs	Cytology with HPV triage	10	Combination HPV / Cytology	30	INO	29.35388 [29.35043-29.35697]
						[29.33043-29.33097]

3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	29.36018
			, ,,			[29.35881-29.36106]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.35291
						[29.34879-29.35652]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.36004
•	0 ( ) ( ) ( ) ( )	0.4	0 1: :: :: 115\// 0 : 1	0.5		[29.35859-29.36101]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	29.35387
0	Cutala munith LIDV tria na	04	Combination LIDV / Contain and	0.5	V	[29.35053-29.35700]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.36017
2	Cytology, with UDV triogo	21	Combination UDV / Cutalogy	30	No	[29.35894-29.36106] 29.35354
3 yrs	Cytology with HPV triage	۷۱	Combination HPV / Cytology	30	NO	
2 1/10	Cytology with UDV triago	21	Combination HPV / Cytology	30	Yes	[29.35015-29.35685] 29.36013
3 yrs	Cytology with HPV triage	۷1	Combination HPV / Cytology	30	162	[29.35889-29.36103]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.35261
3 yıs	Cytology with the vittage	21	Combination in V / Cytology	33	NO	[29.34862-29.35646]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	29.35999
O yiS	Cytology with the village	21	Combination in V / Cytology	33	103	[29.35869-29.36100]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	29.35322
O yio	Cytology with the village	20	Combination in V / Cytology	20	140	[29.34910-29.35680]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.36008
o y.o	cytology t mage		communication in a proceedy		. 55	[29.35888-29.36104]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.35236
, ,	3,44 13,74 1 13		,			[29.34761-29.35639]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.35998
,	, 3,		, 3,			[29.35867-29.36097]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	29.35141
•	, 0,		,			[29.34613-29.35595]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35984
						[29.35847-29.36089]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	29.35355
						[29.34992-29.35667]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	29.36008
						[29.35878-29.36103]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.35328
						[29.34954-29.35646]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.36005
_						[29.35866-29.36101]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.35234
						[29.34797-29.35601]

3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.35991
•	, 0,		, 0, 0			[29.35843-29.36098]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.35327
						[29.34972-29.35651]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.36003
						[29.35876-29.36101]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.35297
_						[29.34928-29.35640]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35999
_						[29.35866-29.36097]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.35206
_						[29.34768-29.35602]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35986
_						[29.35853-29.36095]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35169
_						[29.34662-29.35579]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	29.35982
						[29.35845-29.36091]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.35083
_						[29.34532-29.35541]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35970
_						[29.35830-29.36085]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.34749
_						[29.34051-29.35275]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.35892
_						[29.35677-29.36050]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.34717
_						[29.34050-29.35245]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	29.35890
_						[29.35695-29.36052]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.34618
	0		0		.,	[29.33801-29.35246]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35879
•	110/4 :41 0 4 1 4 4	4.0	HDV W O C L			[29.35670-29.36047]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.35402
•	110/4 :41 0 4 1 4 4	4.0	HDV W O C L			[29.35042-29.35671]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	29.36013
•	115)/ 31 0 / 1	0.4	HDV W O C L			[29.35885-29.36104]
3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	29.35376
						[29.35021-29.35660]

29.3672-29.36103  3 yrs	3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	29.36007
29.34813-29.35630    29.34813-29.35630    29.35992    29.35864-29.36098    29.35992    29.35864-29.36098    29.35992    29.35864-29.36098    29.34900    29.34901    29.3423-29.36071    29.3423-29.36071    29.3423-29.36071    29.3423-29.35084    29.35908    29.35908    29.35908    29.35908    29.35908    29.35908    29.3407-29.35269    29.34907    29.3407-29.35269    29.34907    29.3407-29.35269    29.34907    29.3407-29.35269    29.34907    29.3407-29.35269    29.34978    29.3497	-	,		,			[29.35872-29.36103]
3 yrs	3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.34900           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.34939-29.35380]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.34801           15 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.3423-29.35344           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.34677           29.34677         [29.34007-29.35269]         [29.34007-29.35269]         [29.34007-29.35269]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.3477           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.35891           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35891           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         No         29.34800 [29.34389-29.35380]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.35922 [29.35328]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.34801 [29.3423-29.35344]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.35908 [29.35706-29.35006]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.34677 [29.3407-29.35269]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.35812 [29.35675-29.36061]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34878 [29.3580]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35912 [29.35672-29.36068]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No <td< td=""><td>3 yrs</td><td>HPV with Cytology triage</td><td>25</td><td>HPV with Cytology triage</td><td>None</td><td>Yes</td><td></td></td<>	3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	
29.34383-29.35380    5 yrs	_						
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         25         Yes         29.35922           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.34801           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.35908           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.34677           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.34677           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34678           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.3570-29.36061]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35932           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34783           5 yrs         Cytology with HPV triage         21 <td< td=""><td>5 yrs</td><td>Cytology with HPV triage</td><td>18</td><td>Combination HPV / Cytology</td><td>25</td><td>No</td><td></td></td<>	5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         [29.35723-29.36071]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.35908           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.34677           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.34677           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.35891           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34878           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35912           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.35890           5 yrs         Cytology with HPV triage         21         <	_	0	4.0	0 1: :: 115)//0 : 1			
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         No         29.34801 [29.34223-29.35344]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.35908 [29.35706-29.36060]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.34677 [29.34007-29.35269]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.35891 [29.35675-29.36061]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34878 [29.34632-29.36061]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35912 [29.35707-29.36068]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793 [29.34793 [29.34793 [29.34793 [29.34793 [29.34793 [29.35502]]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.35693 [29.34679 [29.34679 [29.34679 ]           5 yrs         Cytology with HPV triage         21         Combinat	5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	
29.3423-29.35344    29.35706-29.36060    5 yrs   Cytology with HPV triage   18   Combination HPV / Cytology   35   No   29.34677   29.356060    29.35706-29.36060    29.35706-29.36060    29.34677   29.35609    29.35706-29.36060    29.35706-29.36060    29.34677   29.35697-29.36061    29.35675-29.36061    29.35675-29.36051    29.35675-29.36051    29.35675-29.36051    29.35675-29.36051    29.34678   29.35881   29.34637   29.35891   29.35891   29.35891   29.35891   29.35891   29.35891   29.35891   29.34793   29.34793   29.34793   29.34793   29.34793   29.34793   29.34793   29.34793   29.34793   29.35891   29.358	_	0	4.0	0 1: :: :: !!Б\// 0 : !	00		
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         30         Yes         29.35908 [29.35706-29.36060]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.34677 [29.34007-29.35269]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.35891 [29.34678-29.36061]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34878 [29.34793-29.3580]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793 [29.34793 [29.34793 29.35852]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.34979 [29.3492-29.35852]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.34679 [29.34037-29.3529]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.34679 [29.35688-29.36069]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25	5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	
29.35706-29.36060    5 yrs	_	0	4.0	0 1: :: : : : : : : : : : : : : : : : :			
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         No         29.34677 [29.34007-29.35269]           5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.35891 [29.35675-29.36051]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34878 [29.34363-29.35380]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35912 [29.35707-29.36068]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793 [29.3423-29.35352]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.35904 [29.34679 [29.34679 ]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.34679 [29.34679 ]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35888 [29.35688-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No <td>5 yrs</td> <td>Cytology with HPV triage</td> <td>18</td> <td>Combination HPV / Cytology</td> <td>30</td> <td>Yes</td> <td></td>	5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.34007-29.35269]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34878 [29.34363-29.35380]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35707-29.36068]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793 [29.34232-29.3552]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.35904 [29.34232-29.3552]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.346379 [29.34037-29.35295]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35888 [29.35688-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34256-29.3581]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35912	_	0	4.0	0 1: :: :: !!Б\// 0 : !	0.5		
5 yrs         Cytology with HPV triage         18         Combination HPV / Cytology         35         Yes         29.35891 [29.35675-29.36051]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34878 [29.34363-29.35380]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35912 [29.35707-29.36068]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793 [29.34232-29.35352]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.35904 [29.35693-29.3606]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.34679 [29.34037-29.35295]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35888 [29.3568-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34256-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No	5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	
29.35675-29.36051   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   No   29.34878   [29.34363-29.35380]   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   Yes   29.35912   [29.35707-29.36068]   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   30   No   29.34793   [29.34232-29.35352]   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   30   Yes   29.35904   [29.35693-29.36066]   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   35   No   29.34679   [29.34037-29.35295]   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   35   Yes   29.35888   [29.35688-29.36059]   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   No   29.34842   [29.34256-29.35381]   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   Yes   29.35912   [29.34256-29.35381]   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   No   29.34751   [29.34103-29.35339]   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35900   29.35702-29.36061   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35900   29.35702-29.36061   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35900   29.35702-29.36061   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   No   29.34637   29.356061   29.35702-29.36061	<b>-</b>	O (alam 20 LID)/(alama	40	0	0.5	<b>V</b>	
5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         No         29.34878 [29.34363-29.35380]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35707-29.36068]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793 [29.34793 29.35352]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.356904 [29.35693-29.36066]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.34679 [29.34037-29.35295]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35668-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34842 [29.34266-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.35702-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751	5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	
29.34363-29.35380    5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   25   Yes   29.35912     29.35707-29.36068  5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   30   No   29.34793     5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   30   Yes   29.35904     5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   35   No   29.34679     5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   35   Yes   29.35888     5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   35   Yes   29.35888     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   No   29.34842     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   Yes   29.35912     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   No   29.34751     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35939     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   No   29.34751     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35906     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35705-29.36061     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637	<b>5</b>	Outology with LIDV triogs	04		0.5	NI-	
5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         25         Yes         29.35912 [29.35707-29.36068]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793 [29.34232-29.35352]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.35904 [29.35693-29.36066]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.34679 [29.34037-29.35295]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35888 [29.35668-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34842 [29.34256-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35912 [29.35722-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751 [29.34103-29.35339]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30 <t< td=""><td>5 yrs</td><td>Cytology with HPV triage</td><td>21</td><td>Combination HPV / Cytology</td><td>25</td><td>NO</td><td></td></t<>	5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	NO	
29.35707-29.36068   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   30   No   29.34793   29.34232-29.35352   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   35   No   29.34679   29.34679   29.34679   29.35904   29.35904   29.35904   29.34679   29.34037-29.35295   5 yrs   Cytology with HPV triage   21   Combination HPV / Cytology   35   Yes   29.35888   29.35668-29.35059   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   No   29.34842   29.34842   29.34842   29.359388   29.359068   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   Yes   29.35912   29.35722-29.36068   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   No   29.34751   29.34751   29.35705-29.36061   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35900   29.35705-29.36061   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637	Euro	Cutology with UDV triago	24	Combination UDV / Cytology	O.F.	Voo	
5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         No         29.34793 [29.34232-29.35352]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.35904 [29.35603-29.36066]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.34679 [29.34037-29.35295]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35888 [29.35668-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34842 [29.34256-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35912 [29.35722-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751 [29.34103-29.35339]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900 [29.35705-29.36061]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35 <t< td=""><td>5 yrs</td><td>Cytology with HPV thage</td><td>۷۱</td><td>Combination HPV / Cytology</td><td>25</td><td>res</td><td></td></t<>	5 yrs	Cytology with HPV thage	۷۱	Combination HPV / Cytology	25	res	
29.34232-29.35352    5 yrs	E vro	Cytology with UDV triogs	21	Combination HDV / Cytology	20	No	•
5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         30         Yes         29.35904 [29.35693-29.36066]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.34679 [29.34037-29.35295]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35888 [29.35668-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34256-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35722-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34103-29.35339]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900 [29.35705-29.36061]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35         No         29.34637	5 yıs	Cytology with HPV thage	۷۱	Combination HPV / Cytology	30	NO	
Equipment   Equi	5 vrc	Cytology with HPV triago	21	Combination HDV / Cytology	20	Voc	•
5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         No         29.34679 [29.34037-29.35295]           5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35888 [29.35668-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34842 [29.34256-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35912 [29.35722-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751 [29.34103-29.35339]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900 [29.35705-29.36061]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35         No         29.34637	5 yıs	Cytology with the village	۷۱	Combination (1) V / Cytology	30	162	
5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.34037-29.35295]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34842 [29.34256-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35912 [29.35722-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751 [29.34103-29.35339]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900 [29.35705-29.36061]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35         No         29.34637	5 yre	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	
5 yrs         Cytology with HPV triage         21         Combination HPV / Cytology         35         Yes         29.35888 [29.35668-29.36059]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34256-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35722-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751 [29.34103-29.35339]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900 [29.35705-29.36061]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35         No         29.34637	o yis	Cytology with the village	21	Combination in V / Cytology	33	NO	
29.35668-29.36059    5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   No   29.34842     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   Yes   29.35912     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   No   29.34751     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35900     5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     6 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     7 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     8 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     9 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Cytology   35   No   29.34637     10 yrs   Cytology with HPV triage   25   Cytology   35   Cytology   35	5 vrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Ves	
5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         No         29.34842 [29.34256-29.35381]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35722-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751 [29.34103-29.35339]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900 [29.35705-29.36061]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35         No         29.34637	O yio	Cytology Will Fill V thage	21	Combination in V / Cytology	00	100	
29.34256-29.35381   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   25   Yes   29.35912   [29.35722-29.36068]   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   No   29.34751   [29.34103-29.35339]   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   30   Yes   29.35900   [29.35705-29.36061]   5 yrs   Cytology with HPV triage   25   Combination HPV / Cytology   35   No   29.34637	5 vrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	
5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         25         Yes         29.35722-29.36068]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35         No         29.34637	O yio	Cytology with the value	20	Combination in V / Cytology	20	140	
5 yrs	5 vrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	•
5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         No         29.34751 [29.34103-29.35339]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900 [29.35705-29.36061]           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35         No         29.34637	o y.o	cytology marrir v mage	20	Combination in the Stolegy	20	. 00	
[29.34103-29.35339] 5 yrs Cytology with HPV triage 25 Combination HPV / Cytology 30 Yes 29.35900 [29.35705-29.36061] 5 yrs Cytology with HPV triage 25 Combination HPV / Cytology 35 No 29.34637	5 vrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	
5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         30         Yes         29.35900           5 yrs         Cytology with HPV triage         25         Combination HPV / Cytology         35         No         29.34637	o y.c	cytology mark a mage		communication in the systematic			
[29.35705-29.36061] 5 yrs Cytology with HPV triage 25 Combination HPV / Cytology 35 No 29.34637	5 yrs	Cytology with HPV triage	25	Combination HPV / Cvtology	30	Yes	
5 yrs Cytology with HPV triage 25 Combination HPV / Cytology 35 No 29.34637	- , -	, -3,	-	,			
, , , , , , , , , , , , , , , , , , , ,	5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	
	<b>,</b> -	, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	-	,			[29.33878-29.35279]

5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35886
•	, 6,		, 0,			[29.35686-29.36049]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	29.34803
						[29.34278-29.35310]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	29.35902
						[29.35692-29.36058]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.34713
						[29.34113-29.35279]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.35890
						[29.35675-29.36051]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.34601
_						[29.33908-29.35214]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.35874
_						[29.35649-29.36045]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.34791
_						[29.34242-29.35321]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.35896
_						[29.35675-29.36065]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.34708
_	0 ( ) ( ) ( ) ( ) ( )	0.4	115)/ 31 0 1 1	00		[29.34119-29.35285]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35885
<b>5</b>	Outology with LIDV trip are	04	LIDV/ with Outsland trians	0.5	NIa	[29.35669-29.36058]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.34603
<b>5</b>	Outology with LIDV/ triogra	04	LIDV/ with Outsland trians	25	V	[29.33935-29.35235]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35872
E	Cutalogue with LIDV/ trioggo	25	LID) / with Catalogus triogs	20	No	[29.35648-29.36054]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.34661
5 vrc	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	[29.33991-29.35268] 29.35882
5 yrs	Cytology with the village	25	TIF V With Cytology thage	30	162	[29.35672-29.36054]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.34552
J yıs	Cytology with the village	25	TIF V With Cytology thage	33	INO	[29.33764-29.35209]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35868
o yis	Cytology with the village	25	The vivil Cytology mage	33	163	[29.35651-29.36041]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.33990
O yio	Cytology Will I'm V mage	10	Cytology William V mage	140110	110	[29.32965-29.34753]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.35744
J 910	cytology with the thago		cyclogy marri v alago	140.10	. 00	[29.35435-29.35991]
5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.33939
5 7.5	2,15109, 11111111111111111111111111111111111		2,13,09, 1	. 105		[29.32916-29.34730]
						[=0:020:0 20:0 17 00]

5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	29.35730
						[29.35428-29.35987]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.33890
_						[29.32734-29.34715]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35724
_						[29.35409-29.35987]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.34890
_	1151/ 11 6 . 1	4.0	LIBY W. O. J. J. J.		.,	[29.34375-29.35343]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	29.35912
_	11077 34 0 4 1 4 3	0.4	115)/ 31 0 / 1 / /			[29.35707-29.36067]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	29.34835
<b></b>	LIDV/ with Costala and tria are	04	LIDV/ with Contain and trip and	Massa	V	[29.34282-29.35331]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	29.35901
Evro	UDV with Cutology triago	25	UDV/ with Cytology triago	None	No	[29.35681-29.36067]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.34745
Evro	HDV with Cutology triago	25	HDV/ with Cytology triago	None	Voc	[29.34138-29.35309]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35893
						[29.35694-29.36061]

Supplementary Table 6. Reduction in Lifetime Cervical Cancer Risk for Strategies if HPV Vaccination is 75% Effective at Preventing HPV-16 and HPV-18 Infections (Means and Minimums and Maximums)

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Reduction in risk compared to natural history
		years		years		%
None	Natural History N/A	N/A	N/A	N/A	Yes	34.1
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	[-3.6-58.4] 80.2 [74.2-85.4]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	86.5 [79.5-91.0]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	80.1
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	[74.1-85.2] 86.5
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	[79.4-91.0] 79.9
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	[73.9-85.1] 86.4
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	[79.2-90.9] 80.0
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	[74.1-84.9] 86.4
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	[79.4-91.0] 79.9
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	[74.0-84.8] 86.4
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	[79.4-90.9] 79.7
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	[73.8-84.5] 86.3
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	[79.1-90.9] 79.4
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	[73.8-83.5] 86.2
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	[79.0-90.8] 79.3 [73.7-83.3]

1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	86.1 [78.8-90.8]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	79.1
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	[73.5-83.2] 86.0
	Cytology Will I i V inage	20	Combination in V / Cytology	00	100	[78.6-90.7]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	No	79.7
1 vr	Cytology with HPV triage	18	HPV with Cytology triago	25	Yes	[73.6-84.9] 86.1
1 yr	Cytology with HPV thage	10	HPV with Cytology triage	25	162	[78.5-90.7]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	No	79.6
-	, ,		,			[73.4-84.9]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	86.1
1 vr	Cytology with UDV triago	10	UDV with Cytology triago	35	No	[78.5-90.6] 79.4
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	33	INU	[73.0-84.8]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	86.0
,	, 0,		, 6, 6			[78.2-90.5]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	No	79.5
4	Outology with LIDV tripers	04	LIDV with Cutalany trians	05	V	[73.4-84.6]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	86.1 [78.2-90.8]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	No	79.5
. ,.	cytology marrier mage		v eytelegy mage			[73.4-84.5]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	86.0
						[78.3-90.7]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	No	79.2
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	[73.2-84.1] 85.9
ı yı	Cytology with the vallage	21	The vivil Cytology thage	33	103	[78.1-90.5]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	No	78.8
-						[73.0-83.0]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	85.7
1 vr	Cytology with HPV triage	25	HPV with Cytology triage	35	No	[78.1-90.4] 78.6
1 yr	Cytology with the vittage	25	TIF V With Cytology thage	30	NO	[72.7-82.8]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	85.6
•			, 5, 5			[77.8-90.4]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	No	76.3
						[69.2-82.4]

1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	84.0
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	No	[75.2-89.5] 76.1
4	Cytology with HDV triogs	24	Cytology with UDV triogs	None	Vaa	[68.9-81.9]
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	83.8 [75.4-89.4]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	No	75.5
,	, 3,		, 3, 3			[69.1-80.5]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	83.6
4	115)/ 31 0 / 1 / 3	40	115)/ 31 0 / 1 / 1		N	[75.1-89.1]
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	No	79.8
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	[73.4-84.9] 86.1
ı yı	The Viville Cytology thage	10	The vivial Cytology mage	None	103	[78.5-90.6]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	No	79.6
•			, ,,			[73.6-84.5]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	86.1
4	LIDV 21 O tales (days	05	LIDVA 195 O talana talana	Nicos	NI.	[78.3-90.7]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	No	78.9 [72.9-83.2]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	85.8
. ,.	The Vivial Cytology mage	20	The Vivial Cytology mago	110110	100	[78.1-90.5]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	78.1
						[70.5-83.8]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	85.1
0.000	Cutology with LIDV triogs	40	Combination LIDV / Citaloni	20	No	[77.6-90.0]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	77.9 [70.3-83.4]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	85.1
_ ,						[77.5-90.0]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	77.3
						[69.7-82.7]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	84.7
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	[76.9-89.8] 77.7
2 y13	Cytology with the vallage	21	Combination in V / Cytology	20	140	[70.0-83.4]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	85.0
	,		, ,			[77.4-89.9]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	77.4
						[69.6-82.9]

2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	84.8
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	[77.3-89.8] 77.0
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	[69.2-82.5] 84.6
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	[76.8-89.7] 77.2
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	[69.5-82.2] 84.7
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	[77.0-89.8] 76.8
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	[69.2-81.6] 84.6
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	[76.7-89.7] 76.4
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	[68.8-81.1] 84.3
•	,	18	,	25	No	[76.3-89.6] 76.9
2 yrs	Cytology with HPV triage		HPV with Cytology triage			[69.3-83.1]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	84.3 [76.1-89.3]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	76.7
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	[69.0-82.7] 84.3
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	[76.1-89.4] 76.2
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	[68.6-82.0] 84.0
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	[75.6-89.1] 76.7
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	[69.0-82.7] 84.2
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	[76.2-89.4] 76.3
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	[68.6-82.0] 84.1
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	[76.0-89.3] 76.0
- ,	-,		= , = , = .		-	[68.1-81.6]

2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	83.9 [75.7-89.2]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	75.7
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	[68.1-80.8] 83.8
-	,		,			[75.6-89.1]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	75.4 [67.7-80.3]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	[67.7-60.3] 83.6
•	, 0,		, 3, 3			[75.2-88.9]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	69.1
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	[60.0-76.9] 79.2
2 yıs	Cytology with the vithage	10	Cytology with the village	None	162	[67.9-86.2]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	68.3
•	, 0,					[58.8-76.2]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	78.8
0	Cutology with LIDV/ triogg	25	Contain and with LIDV/ triange	Nama	Na	[67.8-86.0]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	67.8 [58.8-74.6]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	78.6
_ ,	cytology t mage		cytology marring a mage		. 00	[67.7-86.1]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	77.1
						[69.5-83.5]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	84.4
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	[76.4-89.4] 76.8
2 y13	The vivilia Cytology thage	21	THE V WITH Cytology thage	None	INO	[69.0-83.0]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	84.3
•	, 0, 0		,			[76.4-89.3]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	76.1
0	LIDV/ with Catalaga triago	25	LIDV/ with Cytalogy triogs	Nama	Vaa	[68.3-81.3]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	84.0 [75.9-89.1]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	73.9
- <b>,</b>	-,g,					[64.4-81.1]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	82.4
•						[73.6-88.4]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	73.6
						[64.2-80.7]

3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	82.3 [73.4-88.4]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	72.8
•	0 ( ) ( ) ( ) ( )	40	0 1: :: :: !!В\// 0 . !	0.5		[63.3-79.6]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	81.9 [72.8-88.0]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	[72.0-00.0] 73.7
o yis	Cytology with the vallage	21	Combination in V / Cytology	25	NO	[64.3-80.7]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	82.4
•	, 6,		, 0,			[73.5-88.3]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	73.5
_						[64.1-80.3]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	82.3
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	[73.3-88.3] 72.7
o yis	Cytology with the vallage	21	Combination in V7 Cytology	33	NO	[63.3-79.3]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	81.8
,	, ,,		, 0,			[72.6-88.0]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	73.5
						[64.1-79.7]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	82.3
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	[72.9-88.3] 73.0
o yis	Cytology with the vittage	25	Combination TIP V / Cytology	30	INO	[63.6-78.8]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	82.1
,	, ,,		, 0,			[72.6-88.1]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	72.1
	0		0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			[62.8-77.8]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	81.6
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	[71.7-87.8] 72.5
o yis	Cytology with the viriage	10	The vital Cytology thage	25	NO	[62.9-80.1]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	81.5
-			, -, -,			[72.0-87.6]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	72.3
0.000	Cutalogy with LIDV triago	40	LIDV/ with Cytalogy triogs	20	Vaa	[62.7-79.8]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	81.5 [71.9-87.6]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	[71.9-67.0] 71.5
5 7.5	cytologyv mago	10	v mar eytelegy mage	30		[61.8-78.6]

3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	81.0 [71.2-87.3]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	72.4
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	[62.8-79.8] 81.5
5 y15	Cytology with the value	21	The Viville Cytology thage	25	103	[71.9-87.5]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	72.2
0	O tales - Mali DV tales	0.4	UDV 35 O tales trians	00	V	[62.7-79.4]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	81.4 [71.7-87.4]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	71.4
- <b>,</b>			cyceregy mege			[61.8-78.5]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	80.9
0	O tales - Malipy/teless	0.5	UDV 29 O tales trans	00	NI.	[71.0-87.3]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	71.5 [61.8-77.6]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	[01.6-77.6] 81.0
o	cytology marrier mage		v eytelegy mage			[70.9-87.2]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	70.7
	0 ( ) ( ) ( ) ( ) ( )	0.5	HBV W O . I	0.5		[61.0-76.8]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	80.6 [70.0-87.0]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	[70.0-67.0] 61.6
o yio	Cytology warrin v mage	10	Cytology Warrin V mago	140110	110	[51.0-70.9]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	74.3
	0		0			[60.9-82.8]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	61.4 [50.9-70.7]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	[50.9-70.7] 74.2
o y.o	cytology marri v mage		cytology marrin v mago	110110	. 00	[60.6-82.7]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	61.4
	0 ( ) ( ) ( ) ( ) ( )	0.5	0 ( ) ( ) ( ) ( )			[51.0-69.8]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	74.3 [60.2-83.2]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	72.8
- <b>,</b>	The time cylinday mage		cyceregy mege			[63.0-80.6]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	81.6
0	LIDV/ with Outology trians	04	LIDV with Cutalans trians	Niera	NI-	[72.3-87.6]
3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	72.7 [63.1-80.1]
						[00.1 00.1]

3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	81.6 [72.1-87.6]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	72.0
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	[62.4-78.4] 81.3
O yio	The Vivial Cytology mage	20	The Vivial Cytology mage	None	103	[71.3-87.5]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	64.6
_	0	4.0		0=		[53.2-73.6]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	76.3
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	[63.8-84.1] 63.9
O yio	Cytology will the vallage	10	Combination in V / Cytology	00	140	[52.6-72.7]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	75.9
						[63.3-83.9]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	62.9
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	[51.7-71.5] 75.4
5 yıs	Cytology with the village	10	Combination Fir V / Cytology	35	162	[62.2-83.4]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	63.5
,	, 0,		, 0,			[51.9-72.7]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	75.4
<b>-</b>	Outology with LIDV tripes	04	Compliantian LIDV / Cotalanu	20	NI-	[62.2-83.4]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	62.9 [51.5-71.8]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	[51.5-71.6] 75.1
0 7.0	cytology marrin i mage		Combination in Vy Cytology	00	. 00	[61.8-83.3]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	62.1
_					.,	[50.8-70.7]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	74.7
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	[61.2-82.9] 64.7
o yis	Cytology with the variage	25	Combination in V/Cytology	23	110	[53.6-73.1]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	76.4
•			, ,			[64.0-84.4]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	64.2
E vro	Cytology with UDV triago	25	Combination HDV / Cutalogy	30	Voc	[53.1-72.2] 76.2
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	[63.6-84.2]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	63.4
, -	, -3, - 19	-			-	[52.4-71.2]

5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	75.7 [62.9-83.9]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	63.0
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	[51.0-72.5] 75.2
-	-		, ,,			[62.0-83.3]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	62.4 [50.6-71.6]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	74.9
<b>5</b>	Contain an anith LIDV tain an	40	LIDV with Codala model and	25	NI-	[61.6-83.1]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	61.5 [49.9-70.5]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	74.4
_						[60.7-82.7]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	61.9
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	[49.6-71.5] 74.3
o yio	Cytology with the vallage	<b>~</b> 1	The vital Cytology mage	20	100	[60.7-82.6]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	61.3
						[49.3-70.6]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	74.1
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	[60.3-82.4] 60.6
J yl3	Cytology with the vallage	21	The vital Cytology thage	33	NO	[48.7-69.6]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	73.7
•	, ,		, ,,			[59.7-82.2]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	62.3
Evro	Cutology with UDV triogs	25	LIDV/ with Cytology triogs	20	Voo	[50.7-70.9]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	74.9 [61.9-83.1]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	61.6
- ,			2,44 2,55			[50.1-70.0]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	74.5
<b>5</b>	Cutala au with LIDV taia an	40	Contain an anith LIDV this are	Mana	NI-	[61.1-82.9]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	50.4 [39.3-61.1]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	67.0
- 3	-,	. •	-,g,ge			[49.3-77.5]
5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	49.4
						[38.2-60.2]

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5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	66.3
						[48.5-76.8]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	50.9
						[39.7-61.1]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	67.4
						[49.7-77.8]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	63.4
_						[51.5-73.4]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	75.4
_	LIBY 31 O C L	0.4	115) ( 3) ( ) ( )			[62.4-83.5]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	62.1
_	115)/ 31 0 / 1 / 3	0.4	115) ( 31 0 1 1 1 3			[49.8-72.0]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	74.4
F	LIDV/ with Catalage triage	0.5	LIDV/ with Catalogy triago	None	Na	[60.9-82.6]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	62.8
Euro	LIDV/ with Cutology triago	25	LIDV/ with Cutalogy triago	None	Voo	[51.0-71.7]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	75.2
						[62.3-83.3]

Supplementary Table 7. Costs and Quality-Adjusted Life Expectancy (QALE) if HPV Vaccination is 75% Effective at Preventing HPV-16 and HPV-18 Infections (Means and Minimums and Maximums)

None				age	adolescent vaccination	costs	
None		years		years		\$	QALYs
None	Natural History					153	26.67212
Nlana	-					[101-203]	[26.64543-26.69606]
None	N/A	N/A	N/A	N/A	Yes	595	26.70181
						[555-642]	[26.67903-26.72102]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	25	No	3319	26.74059
	triage					[3075-3644]	[26.73740-26.74271]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	25	Yes	3656	26.74298
-	triage					[3462-3972]	[26.74075-26.74468]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	30	No	3022	26.74043
•	triage					[2832-3254]	[26.73718-26.74263]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	30	Yes	3402	26.74291
•	triage					[3256-3643]	[26.74060-26.74464]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	35	No	2806	26.74018
,	triage		, 3,			[2657-2986]	[26.73679-26.74255]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	35	Yes	3204	26.74276
,	triage		, 3,			[3090-3389]	[26.74032-26.74457]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	25	No	3090	26.74017
,	triage		, 3,			[2841-3419]	[26.73666-26.74253]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	25	Yes	3433	26.74281
. ,.	triage		community cytology			[3234-3753]	[26.74051-26.74454]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	30	No	2792	26.74003
. ,.	triage		community cytology			[2597-3032]	[26.73645-26.74245]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	30	Yes	3178	26.74275
<i>,</i> .	triage			- <del>-</del>	7-	[3027-3424]	[26.74042-26.74454]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	35	No	2576	26.73976
- <i>y.</i>	triage	<del></del> -	z z minimum z n z n z n z norogy	- •	•	[2422-2765]	[26.73594-26.74229]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	35	Yes	2981	26.74259
. <i>y</i> .	triage			-		[2864-3170]	[26.74010-26.74443]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	25	No	2815	26.73873
. , .	triage		25audin in V, Cytology	_0		[2567-3148]	[26.73375-26.74189]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	25	Yes	3166	26.74222
· y ·	triage	20	Combination in V / Cytology	20	103	[2970-3487]	[26.73948-26.74429]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	30	No	2518	26.73846

	triage					[2323-2762]	[26.73324-26.74178]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	30	Yes	2911	26.74208
	triage					[2763-3159]	[26.73917-26.74424]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	35	No	2302	26.73819
-	triage					[2148-2494]	[26.73276-26.74163]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	35	Yes	2714	26.74194
	triage					[2600-2905]	[26.73894-26.74416]
1 yr	Cytology with HPV	18	HPV with Cytology triage	25	No	2603	26.74039
	triage					[2419-2825]	[26.73700-26.74247]
1 yr	Cytology with HPV	18	HPV with Cytology triage	25	Yes	2965	26.74284
-	triage					[2813-3197]	[26.74041-26.74463]
1 yr	Cytology with HPV	18	HPV with Cytology triage	30	No	2458	26.74020
	triage					[2314-2627]	[26.73664-26.74237]
1 yr	Cytology with HPV	18	HPV with Cytology triage	30	Yes	2852	26.74273
	triage					[2730-3028]	[26.74016-26.74459]
1 yr	Cytology with HPV	18	HPV with Cytology triage	35	No	2362	26.73995
•	triage					[2248-2499]	[26.73639-26.74228]
1 yr	Cytology with HPV	18	HPV with Cytology triage	35	Yes	2771	26.74261
•	triage					[2668-2904]	[26.74009-26.74453]
1 yr	Cytology with HPV	21	HPV with Cytology triage	25	No	2374	26.73996
•	triage					[2184-2600]	[26.73633-26.74225]
1 yr	Cytology with HPV	21	HPV with Cytology triage	25	Yes	2742	26.74266
•	triage					[2590-2977]	[26.74021-26.74449]
1 yr	Cytology with HPV	21	HPV with Cytology triage	30	No	2228	26.73981
-	triage					[2079-2405]	[26.73596-26.74218]
1 yr	Cytology with HPV	21	HPV with Cytology triage	30	Yes	2629	26.74257
	triage					[2514-2808]	[26.74006-26.74443]
1 yr	Cytology with HPV	21	HPV with Cytology triage	35	No	2133	26.73956
-	triage					[2014-2270]	[26.73561-26.74205]
1 yr	Cytology with HPV	21	HPV with Cytology triage	35	Yes	2547	26.74243
	triage					[2453-2685]	[26.73987-26.74431]
1 yr	Cytology with HPV	25	HPV with Cytology triage	30	No	1954	26.73823
	triage					[1805-2135]	[26.73267-26.74153]
1 yr	Cytology with HPV	25	HPV with Cytology triage	30	Yes	2362	26.74192
	triage					[2250-2543]	[26.73896-26.74411]
1 yr	Cytology with HPV	25	HPV with Cytology triage	35	No	1858	26.73795
•	triage					[1739-2000]	[26.73224-26.74137]
1 yr	Cytology with HPV	25	HPV with Cytology triage	35	Yes	2281	26.74178
-	triage					[2193-2420]	[26.73865-26.74405]
1 yr	Cytology with HPV	18	Cytology with HPV triage	None	No	2049	26.73832
-	. •		,				

	triage					[1973-2121]	[26.73419-26.74130]
1 yr	Cytology with HPV	18	Cytology with HPV triage	None	Yes	2488	26.74158
•	triage		, 0,			[2424-2540]	[26.73842-26.74392]
1 yr	Cytology with HPV	21	Cytology with HPV triage	None	No	1819	26.73786
•	triage		, 0,			[1757-1882]	[26.73313-26.74094]
1 yr	Cytology with HPV	21	Cytology with HPV triage	None	Yes	2264	26.74135
•	triage		, 0,			[2210-2316]	[26.73822-26.74380]
1 yr	Cytology with HPV	25	Cytology with HPV triage	None	No	1545	26.73632
	triage		, ,			[1497-1599]	[26.73010-26.74036]
1 yr	Cytology with HPV	25	Cytology with HPV triage	None	Yes	1998	26.74074
•	triage					[1954-2044]	[26.73705-26.74340]
1 yr	HPV with Cytology	18	HPV with Cytology triage	None	No	2965	26.74051
	triage		, ,,			[2702-3317]	[26.73719-26.74262]
1 yr	HPV with Cytology	18	HPV with Cytology triage	None	Yes	3258	26.74287
	triage					[3024-3628]	[26.74044-26.74469]
1 yr	HPV with Cytology	21	HPV with Cytology triage	None	No	2558	26.74008
-	triage					[2319-2856]	[26.73637-26.74230]
1 yr	HPV with Cytology	21	HPV with Cytology triage	None	Yes	2887	26.74271
	triage					[2683-3200]	[26.74018-26.74454]
1 yr	HPV with Cytology	25	HPV with Cytology triage	None	No	2099	26.73848
	triage					[1910-2329]	[26.73325-26.74162]
1 yr	HPV with Cytology	25	HPV with Cytology triage	None	Yes	2475	26.74204
	triage					[2326-2711]	[26.73911-26.74414]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	No	2025	26.73919
	triage					[1794-2348]	[26.73571-26.74173]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	Yes	2367	26.74213
	triage					[2189-2652]	[26.73962-26.74416]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	No	1842	26.73885
	triage					[1656-2083]	[26.73509-26.74163]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	Yes	2222	26.74199
	triage					[2082-2451]	[26.73922-26.74409]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	No	1663	26.73807
	triage					[1524-1831]	[26.73371-26.74115]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	Yes	2065	26.74156
	triage					[1961-2231]	[26.73840-26.74386]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	No	1941	26.73879
	triage					[1690-2295]	[26.73503-26.74158]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	Yes	2278	26.74200
_	triage	_				[2081-2587]	[26.73936-26.74413]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	No	1672	26.73828

	triage					[1489-1902]	[26.73411-26.74139]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	Yes	2062	26.74178
•	triage		, 0,			[1924-2283]	[26.73891-26.74402]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	No	1549	26.73772
•	triage		, 0,			[1398-1730]	[26.73317-26.74110]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	Yes	1954	26.74149
•	triage		, 0,			[1843-2131]	[26.73841-26.74393]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	No	1786	26.73756
-	triage					[1535-2143]	[26.73248-26.74120]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	Yes	2129	26.74149
-	triage					[1933-2439]	[26.73843-26.74391]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	No	1518	26.73685
-	triage		-			[1335-1752]	[26.73123-26.74088]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	Yes	1913	26.74116
	triage					[1777-2137]	[26.73779-26.74369]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	No	1394	26.73630
	triage					[1244-1579]	[26.73033-26.74052]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	Yes	1806	26.74084
	triage					[1697-1985]	[26.73726-26.74352]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	25	No	1533	26.73857
	triage					[1380-1730]	[26.73491-26.74127]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	25	Yes	1909	26.74174
	triage					[1780-2078]	[26.73901-26.74392]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	30	No	1445	26.73823
	triage					[1321-1593]	[26.73430-26.74117]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	30	Yes	1846	26.74159
	triage					[1739-1982]	[26.73856-26.74384]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	35	No	1369	26.73751
	triage					[1270-1485]	[26.73308-26.74076]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	35	Yes	1785	26.74119
	triage					[1699-1887]	[26.73789-26.74357]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	25	No	1423	26.73820
	triage					[1257-1641]	[26.73428-26.74100]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	25	Yes	1798	26.74163
	triage					[1668-1982]	[26.73871-26.74377]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	30	No	1297	26.73769
	triage					[1172-1438]	[26.73323-26.74083]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	30	Yes	1706	26.74141
	triage					[1609-1838]	[26.73826-26.74368]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	35	No	1242	26.73717

	triage					[1139-1356]	[26.73226-26.74057]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	35	Yes	1662	26.74113
	triage					[1580-1767]	[26.73786-26.74360]
2 yrs	Cytology with HPV	25	HPV with Cytology triage	30	No	1142	26.73627
	triage					[1018-1288]	[26.73039-26.74033]
2 yrs	Cytology with HPV	25	HPV with Cytology triage	30	Yes	1558	26.74079
	triage					[1466-1692]	[26.73718-26.74345]
2 yrs	Cytology with HPV	25	HPV with Cytology triage	35	No	1088	26.73574
	triage					[985-1203]	[26.72958-26.74001]
2 yrs	Cytology with HPV	25	HPV with Cytology triage	35	Yes	1514	26.74048
	triage					[1437-1621]	[26.73674-26.74327]
2 yrs	Cytology with HPV	18	Cytology with HPV triage	None	No	1178	26.73351
	triage					[1116-1243]	[26.72667-26.73815]
2 yrs	Cytology with HPV	18	Cytology with HPV triage	None	Yes	1619	26.73857
	triage					[1560-1669]	[26.73319-26.74218]
2 yrs	Cytology with HPV	21	Cytology with HPV triage	None	No	1044	26.73292
•	triage		, ,,			[993-1097]	[26.72605-26.73783]
2 yrs	Cytology with HPV	21	Cytology with HPV triage	None	Yes	1490	26.73839
-	triage					[1438-1541]	[26.73329-26.74203]
2 yrs	Cytology with HPV	25	Cytology with HPV triage	None	No	889	26.73160
	triage					[847-937]	[26.72310-26.73749]
2 yrs	Cytology with HPV	25	Cytology with HPV triage	None	Yes	1341	26.73785
•	triage		, ,,			[1298-1389]	[26.73223-26.74184]
2 yrs	HPV with Cytology	18	HPV with Cytology triage	None	No	1858	26.73893
-	triage					[1628-2209]	[26.73544-26.74142]
2 yrs	HPV with Cytology	18	HPV with Cytology triage	None	Yes	2158	26.74193
-	triage					[1939-2468]	[26.73923-26.74402]
2 yrs	HPV with Cytology	21	HPV with Cytology triage	None	No	1571	26.73845
•	triage					[1357-1862]	[26.73461-26.74099]
2 yrs	HPV with Cytology	21	HPV with Cytology triage	None	Yes	1909	26.74173
•	triage					[1732-2161]	[26.73882-26.74389]
2 yrs	HPV with Cytology	25	HPV with Cytology triage	None	No	1268	26.73689
-	triage					[1102-1490]	[26.73148-26.74059]
2 yrs	HPV with Cytology	25	HPV with Cytology triage	None	Yes	1649	26.74107
•	triage					[1521-1835]	[26.73773-26.74355]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	No	1436	26.73642
•	triage					[1259-1696]	[26.73180-26.74036]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	Yes	1806	26.74050
•	triage		, 0,			[1676-2010]	[26.73713-26.74339]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	No	1330	26.73603
-			, 0,				

	triage					[1181-1534]	[26.73114-26.74014]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	1725 [1617-1897]	26.74033 [26.73671-26.74328]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	No	1196	26.73485
o y. c	triage	. •	communication in the cytology			[1085-1336]	[26.72908-26.73952]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	Yes	1610	26.73968
	triage					[1526-1734]	[26.73553-26.74302]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	No	1347	26.73606
0	triage	04	Occabination HDV//Octaba	0.5	<b>V</b> = =	[1164-1610]	[26.73151-26.74019]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	Yes	1720	26.74035
3 yrs	triage Cytology with HPV	21	Combination HPV / Cytology	30	No	[1585-1927] 1241	[26.73695-26.74338] 26.73565
3 yıs	triage	۷1	Combination HP v / Cytology	30	INO	[1086-1449]	[26.73083-26.74004]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	Yes	1639	26.74018
o y.o	triage		combination in the cytology	00	. 55	[1527-1815]	[26.73653-26.74331]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	No	1107	26.73451
,	triage		, 0,			[990-1251]	[26.72887-26.73951]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	Yes	1525	26.73955
	triage					[1444-1651]	[26.73528-26.74298]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	No	1327	26.73529
	triage		0 11 11 1151// 0 11			[1121-1639]	[26.72976-26.73993]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	Yes	1688	26.74005
2	triage	25	Combination UDV / Cutology	30	No	[1532-1929] 1115	[26.73640-26.74315]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	INO	[967-1314]	26.73426 [26.72791-26.73944]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	Yes	1522	26.73957
O yio	triage	20	Combination in V / Cytology	00	100	[1417-1692]	[26.73555-26.74294]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	No	989	26.73308
- , -	triage	-			-	[878-1130]	[26.72605-26.73887]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	Yes	1414	26.73891
	triage					[1338-1536]	[26.73443-26.74264]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	25	No	1096	26.73561
	triage					[978-1254]	[26.73081-26.73970]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	25	Yes	1493	26.74001
2	triage	40	LIDV with Catalogy triago	20	No	[1394-1618]	[26.73639-26.74295]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	30	No	1049 [949-1174]	26.73528 [26.73001-26.73949]
3 yrs	triage Cytology with HPV	18	HPV with Cytology triage	30	Yes	1461	26.73988
O yis	triage	10	in v with Cytology thage	30	163	[1375-1569]	[26.73587-26.74293]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	35	No	987	26.73415
,	, 5,	-	7			-	

	triage					[905-1083]	[26.72814-26.73893]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	35	Yes	1412	26.73923
,	triage		, 6, 6			[1344-1494]	[26.73483-26.74265]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	25	No	1007	26.73529
,	triage		, 3, 3			[884-1169]	[26.73040-26.73956]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	25	Yes	1407	26.73986
•	triage		, 6, 6			[1313-1531]	[26.73615-26.74303]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	30	No	960	26.73493
,	triage		, 6, 6			[855-1089]	[26.72975-26.73944]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	30	Yes	1376	26.73970
,	triage		, 6, 6			[1295-1480]	[26.73576-26.74296]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	35	No	898	26.73382
•	triage		, ,,			[817-988]	[26.72781-26.73895]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	35	Yes	1327	26.73909
,	triage		, , ,			[1263-1405]	[26.73457-26.74265]
3 yrs	Cytology with HPV	25	HPV with Cytology triage	30	No	844	26.73344
,	triage		, , ,			[743-968]	[26.72669-26.73873]
3 yrs	Cytology with HPV	25	HPV with Cytology triage	30	Yes	1267	26.73906
	triage		, .,			[1193-1369]	[26.73469-26.74255]
3 yrs	Cytology with HPV	25	HPV with Cytology triage	35	No	787	26.73237
-	triage					[710-876]	[26.72506-26.73825]
3 yrs	Cytology with HPV	25	HPV with Cytology triage	35	Yes	1222	26.73845
	triage		, .,			[1163-1295]	[26.73368-26.74224]
3 yrs	Cytology with HPV	18	Cytology with HPV triage	None	No	848	26.72828
-	triage					[795-904]	[26.71897-26.73497]
3 yrs	Cytology with HPV	18	Cytology with HPV triage	None	Yes	1292	26.73542
	triage					[1240-1341]	[26.72827-26.74034]
3 yrs	Cytology with HPV	21	Cytology with HPV triage	None	No	759	26.72790
	triage					[712-814]	[26.71885-26.73473]
3 yrs	Cytology with HPV	21	Cytology with HPV triage	None	Yes	1207	26.73526
	triage					[1160-1257]	[26.72780-26.74043]
3 yrs	Cytology with HPV	25	Cytology with HPV triage	None	No	655	26.72679
	triage					[616-703]	[26.71628-26.73462]
3 yrs	Cytology with HPV	25	Cytology with HPV triage	None	Yes	1108	26.73479
	triage					[1069-1155]	[26.72744-26.74012]
3 yrs	HPV with Cytology	18	HPV with Cytology triage	None	No	1389	26.73619
	triage					[1187-1699]	[26.73141-26.73975]
3 yrs	HPV with Cytology	18	HPV with Cytology triage	None	Yes	1713	26.74025
	triage					[1529-1996]	[26.73663-26.74306]
3 yrs	HPV with Cytology	21	HPV with Cytology triage	None	No	1171	26.73587

	triage					[992-1427]	[26.73110-26.73968]
3 yrs	HPV with Cytology	21	HPV with Cytology triage	None	Yes	1529	26.74011
•	triage		, ,,			[1386-1749]	[26.73652-26.74310]
3 yrs	HPV with Cytology	25	HPV with Cytology triage	None	No	948	26.73442
,	triage		, 3, 3			[811-1141]	[26.72855-26.73930]
3 yrs	HPV with Cytology	25	HPV with Cytology triage	None	Yes	1341	26.73951
,	triage		, 6, 6			[1238-1493]	[26.73545-26.74278]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	No	988	26.73000
·	triage					[855-1188]	[26.72300-26.73626]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	Yes	1379	26.73656
,	triage		, 0,			[1281-1533]	[26.73120-26.74107]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	No	882	26.72886
·	triage					[781-1021]	[26.72104-26.73581]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	Yes	1297	26.73602
•	triage					[1220-1414]	[26.73014-26.74084]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	No	812	26.72742
•	triage					[733-916]	[26.71855-26.73495]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	Yes	1237	26.73526
-	triage					[1172-1324]	[26.72867-26.74046]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	No	971	26.72983
	triage					[817-1205]	[26.72319-26.73620]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	Yes	1353	26.73638
	triage					[1243-1524]	[26.73066-26.74104]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	No	846	26.72885
	triage					[728-1005]	[26.72134-26.73584]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	Yes	1259	26.73592
	triage					[1179-1389]	[26.72966-26.74084]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	No	767	26.72752
	triage					[675-885]	[26.71904-26.73513]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	Yes	1193	26.73522
	triage					[1129-1291]	[26.72841-26.74057]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	No	961	26.72948
	triage					[793-1224]	[26.72174-26.73629]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	Yes	1336	26.73641
	triage					[1213-1532]	[26.73032-26.74091]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	No	812	26.72842
	triage					[689-988]	[26.71984-26.73579]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	Yes	1224	26.73590
_	triage					[1141-1364]	[26.72941-26.74064]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	No	727	26.72710

	triage					[631-855]	[26.71729-26.73503]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	Yes	1154	26.73521
	triage					[1090-1261]	[26.72822-26.74028]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	25	No	747	26.72887
	triage					[660-861]	[26.72165-26.73544]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	25	Yes	1161	26.73587
	triage					[1087-1251]	[26.73006-26.74066]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	30	No	700	26.72782
	triage					[630-787]	[26.71975-26.73507]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	30	Yes	1128	26.73537
	triage					[1068-1201]	[26.72905-26.74044]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	35	No	672	26.72654
	triage					[611-748]	[26.71741-26.73433]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	35	Yes	1106	26.73468
	triage					[1054-1165]	[26.72770-26.74010]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	25	No	704	26.72877
	triage					[609-839]	[26.72163-26.73547]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	25	Yes	1114	26.73573
	triage					[1039-1211]	[26.72959-26.74059]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	30	No	647	26.72781
	triage					[573-742]	[26.71990-26.73501]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	30	Yes	1076	26.73527
	triage					[1016-1149]	[26.72860-26.74042]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	35	No	615	26.72660
	triage					[555-695]	[26.71778-26.73439]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	35	Yes	1051	26.73463
	triage					[1001-1110]	[26.72749-26.74017]
5 yrs	Cytology with HPV	25	HPV with Cytology triage	30	No	598	26.72733
	triage					[522-700]	[26.71845-26.73491]
5 yrs	Cytology with HPV	25	HPV with Cytology triage	30	Yes	1027	26.73521
	triage					[967-1103]	[26.72835-26.74018]
5 yrs	Cytology with HPV	25	HPV with Cytology triage	35	No	562	26.72609
	triage					[501-638]	[26.71596-26.73420]
5 yrs	Cytology with HPV	25	HPV with Cytology triage	35	Yes	1000	26.73455
	triage					[951-1061]	[26.72717-26.73986]
5 yrs	Cytology with HPV	18	Cytology with HPV triage	None	No	594	26.71960
	triage					[548-646]	[26.70665-26.72905]
5 yrs	Cytology with HPV	18	Cytology with HPV triage	None	Yes	1039	26.73013
	triage					[993-1085]	[26.72003-26.73719]
5 yrs	Cytology with HPV	21	Cytology with HPV triage	None	No	531	26.71909

	triage					[489-583]	[26.70618-26.72865]
5 yrs	Cytology with HPV	21	Cytology with HPV triage	None	Yes	979	26.72984
	triage					[938-1028]	[26.71925-26.73714]
5 yrs	Cytology with HPV	25	Cytology with HPV triage	None	No	471	26.71857
	triage					[435-521]	[26.70423-26.72862]
5 yrs	Cytology with HPV	25	Cytology with HPV triage	None	Yes	922	26.72972
	triage					[886-970]	[26.71917-26.73682]
5 yrs	HPV with Cytology	18	HPV with Cytology triage	None	No	980	26.72987
	triage					[814-1227]	[26.72321-26.73581]
5 yrs	HPV with Cytology	18	HPV with Cytology triage	None	Yes	1331	26.73630
	triage					[1185-1545]	[26.73068-26.74083]
5 yrs	HPV with Cytology	21	HPV with Cytology triage	None	No	807	26.72930
	triage					[673-1003]	[26.72231-26.73560]
5 yrs	HPV with Cytology	21	HPV with Cytology triage	None	Yes	1189	26.73593
	triage					[1084-1355]	[26.72984-26.74072]
5 yrs	HPV with Cytology	25	HPV with Cytology triage	None	No	668	26.72831
	triage					[566-819]	[26.72032-26.73539]
5 yrs	HPV with Cytology	25	HPV with Cytology triage	None	Yes	1075	26.73569
	triage					[996-1187]	[26.72922-26.74043]

Supplementary Table 8. Discounted Life Expectancy if HPV Vaccination is 75% Effective at Preventing HPV-16 and HPV-18 Infections (Means and Minimums and Maximums)

frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Life expectancy
		years		years		years
	Natural History					29.29524
						[29.27145-29.31664]
None	N/A	N/A	N/A	N/A	Yes	29.32172
						[29.30161-29.33871]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.35737
	0	4.0				[29.35527-29.35888]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.35900
4	Outology with LIDV this as	40	Combination UDV// Cutalons	00	NI-	[29.35760-29.36012]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	29.35725
1 vr	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	[29.35512-29.35881] 29.35895
1 yr	Cytology with the village	10	Combination (1) V / Cytology	30	162	[29.35751-29.36010]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.35706
ı yı	Cytology with the viriage	10	Combination in V/ Cytology	33	140	[29.35482-29.35875]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.35883
. ,.	cyclogy man a mage					[29.35728-29.36005]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	29.35701
	, ,,		, ,,			[29.35464-29.35870]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.35885
						[29.35741-29.36003]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	29.35691
						[29.35450-29.35866]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	29.35881
	0 ( ) ( ) ( ) ( )	0.4	0 1: (: 115)// 0 / 1	0.5		[29.35733-29.36002]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.35671
4	Cutology with HDV/ triago	21	Combination UDV / Cutalogy	35	Voo	[29.35408-29.35853] 29.35868
1 yr	Cytology with HPV triage	۷1	Combination HPV / Cytology	33	Yes	[29.35709-29.35995]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	29.35577
ı yı	Cytology with the village	20	Combination in v / Cytology	20	140	[29.35209-29.35825]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.35834
	Cytology with the value	20	Combination in V / Cytology	20	100	[29.35649-29.35983]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.35554

						[29.35167-29.35819]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.35822
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	[29.35625-29.35981] 29.35533
ı yı	Cytology with the vallage	20	Combination in V / Cytology	33	140	[29.35128-29.35808]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35812
						[29.35606-29.35976]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	No	29.35721
1 vr	Cytology with UDV triago	18	HDV with Cytology triogo	25	Yes	[29.35491-29.35869] 29.35888
1 yr	Cytology with HPV triage	10	HPV with Cytology triage	25	168	[29.35738-29.36003]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.35706
. <b>,</b> .	cytting, mark a mage		· · · · · · · · · · · · · · · · · · ·			[29.35459-29.35857]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.35880
						[29.35710-29.36005]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.35687
4	Outology with LIDV/ triogg	40	LIDV / with Contain months and	25	V	[29.35445-29.35854]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.35871 [29.35701-29.36003]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.35685
. ,.	cytology marrier talage		in v mar cytology mage	20	. 10	[29.35433-29.35851]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.35872
•			, ,,			[29.35698-29.35994]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.35672
4	O (alaa 20 HD)/(alaa	0.4	LIDV - 20- O. Galana, Glassa	00		[29.35405-29.35845]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35865 [29.35697-29.35990]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.35654
ı yı	Cytology with the value	21	The Vivial Cytology mage	00	140	[29.35376-29.35835]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35854
						[29.35685-29.35981]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35532
4	Cutalon, with LIDV trians	25	LIDV/ with Cutalogy things	30	Vaa	[29.35114-29.35797]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	29.35807 [29.35598-29.35966]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.35512
. ,.	cytology marrier talage	20	in v mar cytology mage	00	. 10	[29.35081-29.35788]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35798
						[29.35577-29.35963]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.35565

						[29.35288-29.35788]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.35796
•						[29.35587-29.35958]
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.35529
4	0.11	0.4	0.4.1	<b>A.</b>		[29.35200-29.35755]
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	29.35775
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	No	[29.35569-29.35943] 29.35395
ı yı	Cytology with the village	23	Cytology with the viriage	None	NO	[29.34933-29.35713]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35723
. ,.	cytology u.ago	_0	cytology marrier mage			[29.35461-29.35923]
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.35728
						[29.35504-29.35873]
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	29.35890
						[29.35726-29.36009]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	No	29.35695
1 vr	HDV/ with Cytology triago	21	HDV with Cutology triogo	None	Yes	[29.35431-29.35852] 29.35876
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	168	[29.35707-29.35998]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.35555
. ,.	in vinar cytology mage	20	in v mar cytology mage	110110	110	[29.35159-29.35800]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35818
•	, ,,		, ,,			[29.35617-29.35972]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.35636
						[29.35402-29.35820]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.35838
2	Cutalogy with LIDV triago	18	Combination UDV / Cytology	30	No	[29.35681-29.35975]
2 yrs	Cytology with HPV triage	10	Combination HPV / Cytology	30	No	29.35608 [29.35355-29.35813]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	29.35826
<b>-</b> y.o	Cytology Marrin V mage	.0	Communication in the Cytology	00	. 00	[29.35651-29.35970]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.35544
						[29.35239-29.35772]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.35791
•	0.11	0.4	0 1: :: : !!В\// 0 : !	0.5		[29.35578-29.35958]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	29.35600
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	[29.35340-29.35809] 29.35826
2 y13	Cytology with the village	۷ ا	Combination in v / Cytology	23	163	[29.35657-29.35978]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	29.35559
,	, 0,		, 3,	-		

						[29.35266-29.35797]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	29.35809
						[29.35620-29.35969]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.35515
•	0.4.1	0.4	0 1: :: 1101// 0 11	0.5		[29.35192-29.35775]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	29.35786
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	[29.35581-29.35963] 29.35493
2 yıs	Cytology with the vittage	23	Combination in v / Cytology	25	INO	[29.35117-29.35777]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.35782
_ ,	cytology man in a mage		Johnson Till Ty Tyteregy			[29.35577-29.35962]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.35434
·	, ,,					[29.35016-29.35750]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.35753
						[29.35522-29.35938]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	29.35391
0	O (1)	05	On additional IDV / On tales	0.5	V	[29.34950-29.35721]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35729
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	[29.35482-29.35924] 29.35587
2 y13	Cytology with the viriage	10	The vital Cytology thage	25	INO	[29.35331-29.35784]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	29.35807
_ ,	cytology man in a mage	. •	in thin eyeregy mage			[29.35635-29.35958]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.35559
·	, ,,		, ,,			[29.35291-29.35778]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.35795
						[29.35598-29.35951]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.35500
0	O (1) 10 11 11 11 11 11 11 11 11 11 11 11 11	40	LIDV - 'th- O talan te'n an	0.5	V	[29.35188-29.35742]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.35762 [29.35536-29.35939]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	[29.35536-29.35939] 29.35554
2 y13	Cytology with the viriage	21	The vital Cytology thage	25	INO	[29.35279-29.35762]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.35797
_ ,	o,g,					[29.35604-29.35948]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.35513
-						[29.35195-29.35759]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35779
	0		11514 111 6	0=		[29.35565-29.35937]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.35470

						[29.35112-29.35730]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35757
_ ,	cytology		in a man eyarregy mage			[29.35535-29.35932]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35386
•	,					[29.34944-29.35706]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	29.35722
						[29.35464-29.35919]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.35345
	0 . 1		115)/ 11/ 0 / 1			[29.34887-29.35678]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35699
2	Cutology with HDV triago	10	Cutology with LIDV triogs	None	No	[29.35433-29.35905]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.35185 [29.34678-29.35533]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.35559
2 y13	Cytology with the village	10	Cytology with the village	NONE	163	[29.35169-29.35827]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.35135
2 y 10	Cytology Warrin V mage		Cytology Warrin V alage	110110	110	[29.34623-29.35512]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	29.35541
,	- ,		- 7 37			[29.35173-29.35809]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.35019
						[29.34381-29.35472]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35494
						[29.35094-29.35790]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.35615
0	LIDV 20 O tales of the	40	LIDV 20 O talana talana	Maria	V	[29.35356-29.35794]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	29.35823
2 vro	UDV with Cytology triago	21	HD\/ with Cutology triago	None	No	[29.35651-29.35963]
2 yrs	HPV with Cytology triage	<b>Z</b> I	HPV with Cytology triage	None	NO	29.35575 [29.35302-29.35759]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	29.35806
2 y13	The Vivial Cytology thage	<b>~</b> 1	The Vivial Cytology thage	140110	100	[29.35615-29.35955]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.35439
,						[29.35040-29.35730]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35746
						[29.35519-29.35932]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.35420
						[29.35072-29.35714]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.35712
2	Costala en cositla LIDV tuita era	40	Combination LIDV / October	20	Na	[29.35490-29.35920]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	29.35388

						[29.35043-29.35697]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	29.35699
,	, 3,		, 3,			[29.35461-29.35909]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.35291
						[29.34879-29.35652]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.35646
_						[29.35362-29.35892]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	29.35387
0	Outology with LIDV/ trip and	04	Combination UDV / Cotalogue	05	Vaa	[29.35053-29.35700]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.35698
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	[29.35476-29.35920] 29.35354
3 yıs	Cytology with the village	۷1	Combination (1) V / Cytology	30	NO	[29.35015-29.35685]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	29.35683
O y l O	Cytology with the value	21	Combination in V7 Cytology	00	100	[29.35441-29.35914]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.35261
o y. o	cytology man mage		ocinioniano.			[29.34862-29.35646]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	29.35634
•	, ,,		,			[29.35338-29.35888]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	29.35322
						[29.34910-29.35680]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.35673
_						[29.35427-29.35903]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.35236
0	Outology with LIDV/ trip and	0.5	Combination UDV / Cotalogue	20	Vaa	[29.34761-29.35639]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.35633
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	[29.35351-29.35883] 29.35141
3 yıs	Cytology with the village	20	Combination (1) V / Cytology	35	NO	[29.34613-29.35595]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35579
o y.o	Cytology marrir valage		Combination in 17 Cytology	00	. 00	[29.35266-29.35859]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	29.35355
•	, 0,		, 0, 0			[29.34992-29.35667]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	29.35674
						[29.35433-29.35887]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.35328
_					.,	[29.34954-29.35646]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.35663
2 1/20	Cutology with LDV/ triags	10	UDV with Cutology triags	25	Ne	[29.35387-29.35883]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.35234

						[29.34797-29.35601]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.35609
·	, 0,		, 0, 0			[29.35302-29.35863]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.35327
_						[29.34972-29.35651]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.35660
2 150	Cutalogy with UDV/ triago	21	LID) / with Cutology triago	30	No	[29.35416-29.35895]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.35297 [29.34928-29.35640]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35646
o yio	Cytology Warrin V mago		The Vivian Cytology mage	00	100	[29.35382-29.35888]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.35206
•	, 6,		, 6, 6			[29.34768-29.35602]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35597
						[29.35281-29.35861]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35169
0	O tales - 20 HDV Garage	05	LIDV 201 O talan talan	00	V	[29.34662-29.35579]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	29.35592
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	[29.35284-29.35851] 29.35083
3 yis	Cytology with the viriage	20	The Viville Cytology thage	33	NO	[29.34532-29.35541]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35542
o y.o	cytology martin timage	_0	cytology mage			[29.35205-29.35824]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.34749
						[29.34051-29.35275]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.35294
_						[29.34769-29.35674]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.34717
2 vro	Cytology with HDV triago	21	Cytology with HDV triogo	None	Yes	[29.34050-29.35245] 29.35282
3 yrs	Cytology with HPV triage	<b>Z</b> I	Cytology with HPV triage	None	162	[29.34727-29.35675]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.34618
o y.o	cytology martin t mage	_0	cytology man i mage			[29.33801-29.35246]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35239
						[29.34692-29.35650]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.35402
	LIBY III O . I	4.0	115)/ 11/ 0 / 1			[29.35042-29.35671]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	29.35695
2 vrc	HPV with Cytology triogs	21	HPV with Cytology tricgs	None	No	[29.35452-29.35897] 29.35376
3 yrs	HPV with Cytology triage	۷1	HPV with Cytology triage	INUITE	INU	29.333 <i>1</i> 0

3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	[29.35021-29.35660] 29.35681
3 y 13	The Viville Cytology mage	<b>Z</b> I	The vital Cytology thage	None	103	[29.35440-29.35899]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.35251
·	, ,,		, .			[29.34813-29.35630]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35629
_	0.11	4.0	0 1: :: 1101// 0 : 1	0.5		[29.35352-29.35870]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.34900
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	[29.34389-29.35380] 29.35395
J yls	Cytology with the viriage	10	Combination in v / Cytology	23	163	[29.35026-29.35732]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	29.34801
- , -			, and a second second		-	[29.34223-29.35344]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	29.35349
-						[29.34932-29.35715]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.34677
_						[29.34007-29.35269]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.35284
E vro	Cytology with HDV/ triago	21	Combination UDV / Cytology	25	No	[29.34810-29.35680] 29.34878
5 yrs	Cytology with HPV triage	<b>2</b> I	Combination HPV / Cytology	25	NO	[29.34363-29.35380]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.35375
o yio	Cytology Warrin V mago		Combination in V / Cytology	20	100	[29.34951-29.35734]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	29.34793
·	, 0,		, 0,			[29.34232-29.35352]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	29.35336
						[29.34865-29.35716]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.34679
F	Cutalogy with LIDV/triogs	04	Combination LIDV / Cutalogue	25	Vaa	[29.34037-29.35295]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	29.35275 [29.34757-29.35697]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	29.34842
o yio	Cytology William V thage	20	Combination in V / Cytology	20	140	[29.34256-29.35381]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.35376
·	, 0,		, 0,			[29.34926-29.35719]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.34751
_						[29.34103-29.35339]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.35332
5 vrc	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	[29.34852-29.35695] 29.34637
5 yrs	Cytology with the village	20	Combination Fir v / Cytology	30	INU	23.3403 <i>1</i>

						[29.33878-29.35279]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35273
_	0	4.0	115)/ 11/ 0 / 1	-		[29.34752-29.35667]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	29.34803
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	[29.34278-29.35310] 29.35336
J yls	Cytology with the village	10	THE V WITH Cytology thage	23	163	[29.34930-29.35698]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.34713
- , -	- ,				-	[29.34113-29.35279]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.35294
						[29.34843-29.35680]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.34601
_	0.11	4.0	HDV W O . I			[29.33908-29.35214]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.35235
<b>5</b>	Outology with LIDV/trions	04	LIDV/ with Cotala au taia aa	0.5	NI-	[29.34729-29.35652]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.34791
5 yrc	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	[29.34242-29.35321] 29.35322
5 yrs	Cytology with the village	۷1	TIF V with Cytology thage	25	162	[29.34870-29.35694]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.34708
o y. o	cytology mage		v eytelegyage			[29.34119-29.35285]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35282
·	, ,		, ,,			[29.34782-29.35681]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.34603
						[29.33935-29.35235]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35226
_	0.11		HDV W O . I			[29.34684-29.35660]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.34661
Euro	Cutalogy with HDV triago	25	UDV with Cutalogy triago	30	Voo	[29.33991-29.35268] 29.35275
5 yrs	Cytology with HPV triage	23	HPV with Cytology triage	30	Yes	[29.34763-29.35659]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.34552
o y.o	Cytology marri v mage		The Vivial Cytology mage	00	110	[29.33764-29.35209]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35217
·	, ,		, ,,			[29.34661-29.35630]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.33990
						[29.32965-29.34753]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.34834
E vino	Cutalogy with LDV triage	04	Contain an anith LIDV trians	Nama	No	[29.34052-29.35389]
5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.33939

5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	[29.32916-29.34730] 29.34804 [29.33957-29.35398]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.33890
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	[29.32734-29.34715] 29.34792
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	[29.33965-29.35355] 29.34890
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	[29.34375-29.35343] 29.35375
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	[29.34983-29.35714] 29.34835
•			,			[29.34282-29.35331]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	29.35339 [29.34889-29.35704]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.34745 [29.34138-29.35309]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35317 [29.34838-29.35683]

Supplementary Table 9. Reduction in Lifetime Cervical Cancer Risk for Strategies if HPV Vaccination Protection Wanes after 15 Years (Means and Minimums and Maximums)

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Reduction in risk compared to natural history
		years		years		%
None	Natural History N/A	N/A	N/A	N/A	Yes	-1.8 [-69.6-35.6]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	80.2 [74.2-85.4]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	67.6 [45.2-80.0]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	[43.2-66.6] 80.1 [74.1-85.2]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	[74.1-63.2] 67.6 [45.2-80.0]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	79.9
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	[73.9-85.1] 67.5
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	[45.2-79.9] 80.0
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	[74.1-84.9] 67.5
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	[45.2-80.0] 79.9
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	[74.0-84.8] 67.5
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	[45.2-80.0] 79.7
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	[73.8-84.5] 67.5
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	[45.1-79.9] 79.4
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	[73.8-83.5] 67.5
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	[45.1-79.9] 79.3 [73.7-83.3]

1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	67.5 [45.1-79.9]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	79.1
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	[73.5-83.2] 67.4
ı yı	Cytology with the viriage	25	Combination in V/ Cytology	33	163	[45.0-79.9]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	No	79.7
-						[73.6-84.9]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	66.8
1	Cutalogy with LIDV triago	10	LIDV with Cutology triago	20	No	[42.8-79.2]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	No	79.6 [73.4-84.9]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	66.8
. ,.	cytology marrie v mage	.0	The Villar Sylology mags	00	. 00	[42.8-79.1]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	No	79.4
						[73.0-84.8]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	66.8
4	Cutalogy with LIDV/triogo	24	LIDV with Catalogy triogs	25	Na	[42.9-79.2]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	No	79.5 [73.4-84.6]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	66.8
. ,.	cytology t mage		v eytetegy mage			[42.6-79.2]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	No	79.5
						[73.4-84.5]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	66.8
1	Cutalogy with LIDV triago	21	LIDV with Cutology triago	35	No	[42.8-79.3] 79.2
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	33	INO	79.2 [73.2-84.1]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	66.8
,	-,					[42.9-79.2]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	No	78.8
						[73.0-83.0]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	66.7
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	No	[43.0-79.3] 78.6
ıyı	Cytology with the village	23	TIF V With Cytology thage	33	INO	[72.7-82.8]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	66.7
•	, 0,		, 0, 0			[42.9-79.2]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	No	76.3
						[69.2-82.4]

1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	63.1 [37.5-77.8]
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	No	76.1
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	[68.9-81.9] 63.1
	Cytology Warrin V mage	2.1	Cytology warrin v mago	110110	100	[37.4-77.7]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	No	75.5
						[69.1-80.5]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	63.0
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	No	[36.9-77.5] 79.8
ı yı	TIF V With Cytology thage	10	TIF V With Cytology thage	None	NO	[73.4-84.9]
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	66.8
,						[42.8-79.2]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	No	79.6
						[73.6-84.5]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	66.8
4	LIDV/ with Containing twices	0.5	LIDV/ with Catalogy triogs	Nana	Na	[42.9-79.3]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	No	78.9 [72.9-83.2]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	66.8
. ,.	in t mar dytelegy mage	20	The Times Sylvinogy mage	110110	. 55	[42.9-79.3]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	78.1
•			,			[70.5-83.8]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	65.1
	0	4.0	0 11 11 11 11 11 11 11 11 11 11 11 11 11			[41.6-79.1]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	77.9
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	[70.3-83.4] 65.1
2 y13	Cytology with the vallage	10	Combination in V7 Cytology	30	103	[41.6-79.1]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	77.3
, -	- ,					[69.7-82.7]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	65.0
						[41.6-79.0]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	77.7
2 vro	Cytology with UDV triago	21	Combination HPV / Cytology	25	Yes	[70.0-83.4] 64.7
2 yrs	Cytology with HPV triage	۷ ۱	Combination Fir V / Cytology	20	162	[40.6-78.8]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	77.4
_ ,	-,::::::::::::::::::::::::::::::::::::		2 2			[69.6-82.9]

2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	64.6 [40.7-78.7]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	77.0
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	[69.2-82.5] 64.6
_ ,	cytotogy that the mage		communication of conseq,			[40.5-78.6]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	77.2
2	Cutalogy, with HDV/ triago	25	Combination UDV / Cutalogy	25	Voo	[69.5-82.2]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	64.6 [40.6-78.7]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	76.8
, -	- ,		,			[69.2-81.6]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	64.5
						[40.5-78.7]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	76.4
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	[68.8-81.1] 64.5
2 y13	Cytology with the vallage	20	Combination in V / Cytology	33	103	[40.5-78.5]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	76.9
,	, 0,		, 6, 6			[69.3-83.1]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	63.6
0	O tales - McHDV/sdage	40	UDV 30 O tales trans	00	NI.	[38.4-78.1]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	76.7 [69.0-82.7]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	[69.0-62.7] 63.6
2 y13	Cytology with the vallage	10	The vivial Cytology thage	30	103	[38.5-78.1]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	76.2
•	,		,			[68.6-82.0]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	63.5
0	Outology with LIDV/ triogge	04	LIDV with Cutalans trians	05	NI	[38.2-78.0]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	76.7 [69.0-82.7]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	63.3
<b>-</b> y.o	cytology marrie vallage		in v mar cytology mage	20	. 00	[37.8-77.7]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	76.3
						[68.6-82.0]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	63.3
2 vrc	Cytology with UDV trices	24	HDV with Cytology triago	35	No	[37.7-77.7] 76.0
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	ან	INU	76.0 [68.1-81.6]
						[55.1 51.0]

2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	63.2 [37.7-77.7]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	75.7
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	[68.1-80.8] 63.2
_ ,	cytology marrier mage		v mar eytetegy mage			[37.7-77.7]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	75.4
•	O ( ) W UDV( )	0.5	LIBY W. O. C. L. C.	0.5		[67.7-80.3]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	63.2 [37.9-77.7]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	[37.9-77.7] 69.1
2 y 10	Cytology Warrin V mage	.0	Cytology warrin v mago	110110	110	[60.0-76.9]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	55.3
•	,		,			[24.1-74.2]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	68.3
0	O talana Mad IDV talana	0.4	O tales - 20 UDV (days	NI.	V.	[58.8-76.2]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	53.9
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	[21.8-73.3] 67.8
2 y13	Cytology with the vallage	20	Cytology with the viriage	None	140	[58.8-74.6]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	54.0
,	, 6,		, 6,			[22.1-73.5]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	77.1
_						[69.5-83.5]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	63.7
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	[38.7-78.2] 76.8
2 y13	TIF V WILL Cytology mage	۷1	TIF V With Cytology thage	None	INO	[69.0-83.0]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	63.3
•	, 0, 0		, 6, 6			[37.8-77.6]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	76.1
					.,	[68.3-81.3]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	63.3
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	[37.6-77.8] 73.9
3 yıs	Cytology with the village	10	Combination the v / Cytology	25	INO	[64.4-81.1]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	60.3
,	, 3,		, 5,			[32.9-77.1]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	73.6
						[64.2-80.7]

3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	60.3 [32.8-77.0]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	72.8
2 vrc	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	[63.3-79.6] 60.2
3 yrs	Cytology with the village	10	Combination (1) V / Cytology	33	162	[32.8-76.9]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	73.7
•			, ,,			[64.3-80.7]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	60.3
0	Outology with LIDV/ trians	04	Combination LIDV / Codeless	20	NI-	[32.9-77.1]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	73.5 [64.1-80.3]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	60.3
O yilo	Cytology William V thage		Combination in V / Cytology	00	100	[32.8-77.0]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	72.7
-	-					[63.3-79.3]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	60.2
0	Outology with LIDV/ trians	05	Combination LIDV / Codeless	0.5	NI-	[32.7-76.8]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	73.5 [64.1-79.7]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	60.5
o y.o	cytology marrin vallage	_0	Combination in Vy Cytology			[33.4-77.1]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	73.0
						[63.6-78.8]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	60.5
2 1/10	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	[33.4-77.0] 72.1
3 yrs	Cytology with the viriage	25	Combination (1) V / Cytology	33	INU	[62.8-77.8]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	60.4
,	, 3,		, 0,			[33.3-76.8]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	72.5
	0		115) ( ) ( ) ( ) ( )			[62.9-80.1]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	58.7 [29.4-76.1]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	72.3
O yilo	Cytology with the vallage	10	The Vivial Cytology thage	00	110	[62.7-79.8]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	58.7
-	· -					[29.4-76.1]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	71.5
						[61.8-78.6]

3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	58.6 [29.4-75.9]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	72.4
	0					[62.8-79.8]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	58.7
2 1/10	Cytology with UDV triago	21	HDV with Cutology triago	30	No	[29.5-76.0] 72.2
3 yrs	Cytology with HPV triage	۷1	HPV with Cytology triage	30	INO	[62.7-79.4]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	58.7
						[29.5-76.0]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	71.4
	0 ( ) ( ) ( ) ( ) ( )	0.4	115)/ 31 6 / 1	0.5		[61.8-78.5]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	58.6 [29.5-75.8]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	[29.5-75.6] 71.5
3 yıs	Cytology with the village	23	TIF V with Cytology thage	30	INO	[61.8-77.6]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	58.5
J.5	e, teregy marrier analys	_0	in t man eytelegy mage		. 55	[29.8-75.9]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	70.7
-						[61.0-76.8]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	58.5
•	0 ( ) ( ) ( ) ( )	40	0 ( ) ( ) ( ) ( ) ( )			[29.5-75.6]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	61.6
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	[51.0-70.9] 47.2
3 yıs	Cytology with the village	10	Cytology with the village	None	165	[9.8-70.0]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	61.4
, ,	-,		- ,		-	[50.9-70.7]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	46.9
						[9.2-69.9]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	61.4
2 1/20	Cytology with UDV triago	25	Cytology with UDV/ triago	None	Voo	[51.0-69.8]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	47.9 [11.2-70.6]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	72.8
J.5	in a man cytology mage		in t man eytelegy mage			[63.0-80.6]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	58.7
-	, ,		, ,,			[29.5-76.1]
3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	72.7
						[63.1-80.1]

3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	58.8 [29.5-76.1]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	72.0
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	[62.4-78.4] 58.7
- <b>,</b>	in a man cyteregy mage		· · · · · · · · · · · · · · · · · · ·			[29.9-76.0]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	64.6
_	0 1 1 31 115 11 11	40	0 1: :: 1101// 0 : 1	0.5		[53.2-73.6]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	50.3
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	[15.5-72.0] 63.9
o yis	Cytology Will Till V thage	10	Combination in V7 Cytology	30	110	[52.6-72.7]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	50.2
,	, 3,		, 5,			[15.4-71.9]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	62.9
						[51.7-71.5]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	50.1
Evro	Cutalogy with UDV triago	24	Combination UDV / Cutalogy	25	No	[15.2-71.8]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	INO	63.5 [51.9-72.7]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	47.9
0 1.0	Cytology marrie vallage		combination in v / cytology	20	. 00	[11.4-70.2]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	62.9
						[51.5-71.8]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	47.8
_	0 1 1 31 115777	0.4	0 1: :: :: !!В\// 0 . !	0.5		[11.3-70.2]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	62.1 [50.8-70.7]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	[50.6-70.7] 47.7
O yio	Cytology Will Till V thage	21	Combination in V / Cytology	00	100	[11.1-70.0]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	64.7
,	, 0,		, 0,			[53.6-73.1]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	50.8
_	0		0 1: :: 1151//0 : 1			[15.9-72.3]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	64.2
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	[53.1-72.2] 50.7
Jylo	Cytology with the village	20	Combination in V / Cytology	30	103	[15.9-72.3]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	63.4
,	, 5,		, , ,			[52.4-71.2]

5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	50.6 [15.7-72.1]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	63.0
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	[51.0-72.5] 48.5
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	[12.3-71.2] 62.4
J yls	Cytology with the viriage	10	The view Cytology thage	30	NO	[50.6-71.6]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	48.5
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	[12.2-71.1] 61.5
<b>5</b>	O tales - 20 HDV/rds-s	40	LIDY 1th O tales a triang	05	V.	[49.9-70.5]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	48.4 [12.1-71.0]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	61.9
•	,		, ,,			[49.6-71.5]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	46.2
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	[8.5-69.2] 61.3
- , -						[49.3-70.6]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	46.2
F	Cutalogy with LIDV triage	04	LIDV/ with Catalogy triagg	25	Na	[8.3-69.1]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	60.6 [48.7-69.6]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	46.1
- , -						[8.3-69.0]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	62.3
<b>.</b>	O talan 19 HDV talana	0.5	LIDV 21 O tales trians	00	W	[50.7-70.9]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	48.4 [11.8-70.8]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	61.6
o y.o	cytology marrii v mage		The Villar Sylenegy mage			[50.1-70.0]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	48.3
F	Cutalogy with LIDV triage	40	Cutalagu with LIDV triaga	None	Na	[11.5-70.7]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	50.4 [39.3-61.1]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	36.3
,	, 3,		, 5,			[-7.9-63.8]
5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	49.4
						[38.2-60.2]

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5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	34.3
_						[-11.6-62.0]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	50.9
	O (alaa : ''I   I   D) / (alaaa	0.5	O (alaa 20 HDV/s2aa	Maria	V	[39.7-61.1]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	37.7
	LIDV 20 O tales (days	40	LIDV - 191- O tales - Glass	Maria	NI.	[-6.6-64.6]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	63.4
F	LIDV/ with Cutalogy triago	40	LIDV/ with Catalogy triago	Nana	Vaa	[51.5-73.4]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	48.6
Euro	LIDV/ with Cutology triago	24	LIDV/ with Cutalogy triago	None	No	[12.3-71.1]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	62.1 [49.8-72.0]
5 vrc	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	[49.6-72.0] 46.3
5 yrs	TIP V With Cytology thage	۷ ۱	TIF V Willi Cytology thage	None	162	[8.6-69.2]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	62.8
o yis	The vivial Cytology thage	20	The Viville Cytology thage	None	140	[51.0-71.7]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	48.5
o ,.o	Sylology mago	_0	t man eytelogy mage	740110	. 55	[11.8-70.8]
						[11.070.0]

Supplementary Table 10. Costs and Quality Adjusted Life Expectancy (QALE) if HPV Vaccination Protection Wanes after 15 Years (Means and Minimums and Maximums)

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Lifetime costs	QALE
		years		years		\$	QALYs
	Natural History					153	26.67212
						[101-203]	[26.64543-26.69606]
None	N/A	N/A	N/A	N/A	Yes	614	26.70410
						[567-683]	[26.68033-26.72238]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	25	No	3,319	26.74059
	triage					[3,075-3,644]	[26.73740-26.74271]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	25	Yes	3,637	26.74067
	triage					[3,443-3,968]	[26.73600-26.74364]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	30	No	3,022	26.74043
	triage					[2,832-3,254]	[26.73718-26.74263]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	30	Yes	3,407	26.74065
	triage					[3,264-3,654]	[26.73597-26.74363]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	35	No	2,806	26.74018
-	triage					[2,657-2,986]	[26.73679-26.74255]
1 yr	Cytology with HPV	18	Combination HPV / Cytology	35	Yes	3,224	26.74061
-	triage					[3,104-3,408]	[26.73596-26.74360]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	25	No	3,090	26.74017
•	triage					[2,841-3,419]	[26.73666-26.74253]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	25	Yes	3,417	26.74060
•	triage		, 0,			[3,218-3,749]	[26.73599-26.74359]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	30	No	2,792	26.74003
•	triage		, 0,			[2,597-3,032]	[26.73645-26.74245]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	30	Yes	3,187	26.74059
•	triage		, 0,			[3,039-3,434]	[26.73597-26.74358]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	35	No	2,576	26.73976
,	triage					[2,422-2,765]	[26.73594-26.74229]
1 yr	Cytology with HPV	21	Combination HPV / Cytology	35	Yes	3,003	26.74054
,	triage			-		[2,891-3,189]	[26.73593-26.74352]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	25	No	2,815	26.73873
,	triage	-		-	-	[2,567-3,148]	[26.73375-26.74189]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	25	Yes	3,154	26.74043
- ,.	triage		z z manianem m n , e , tology	_•		[2,959-3,485]	[26.73582-26.74349]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	30	No	2,518	26.73846

	triage					[2,323-2,762]	[26.73324-26.74178]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	30	Yes	2,924	26.74041
	triage		0 11 11 11 11 11 11 11 11			[2,781-3,171]	[26.73576-26.74348]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	35	No	2,302	26.73819
	triage					[2,148-2,494]	[26.73276-26.74163]
1 yr	Cytology with HPV	25	Combination HPV / Cytology	35	Yes	2,741	26.74036
	triage					[2,632-2,926]	[26.73573-26.74343]
1 yr	Cytology with HPV	18	HPV with Cytology triage	25	No	2,603	26.74039
	triage					[2,419-2,825]	[26.73700-26.74247]
1 yr	Cytology with HPV	18	HPV with Cytology triage	25	Yes	2,950	26.74045
	triage					[2,793-3,194]	[26.73555-26.74342]
1 yr	Cytology with HPV	18	HPV with Cytology triage	30	No	2,458	26.74020
	triage					[2,314-2,627]	[26.73664-26.74237]
1 yr	Cytology with HPV	18	HPV with Cytology triage	30	Yes	2,856	26.74040
	triage					[2,727-3,037]	[26.73558-26.74335]
1 yr	Cytology with HPV	18	HPV with Cytology triage	35	No	2,362	26.73995
	triage					[2,248-2,499]	[26.73639-26.74228]
1 yr	Cytology with HPV	18	HPV with Cytology triage	35	Yes	2,785	26.74038
	triage					[2,676-2,920]	[26.73558-26.74338]
1 yr	Cytology with HPV	21	HPV with Cytology triage	25	No	2,374	26.73996
	triage					[2,184-2,600]	[26.73633-26.74225]
1 yr	Cytology with HPV	21	HPV with Cytology triage	25	Yes	2,730	26.74038
	triage					[2,578-2,975]	[26.73553-26.74339]
1 yr	Cytology with HPV	21	HPV with Cytology triage	30	No	2,228	26.73981
	triage					[2,079-2,405]	[26.73596-26.74218]
1 yr	Cytology with HPV	21	HPV with Cytology triage	30	Yes	2,635	26.74035
	triage					[2,514-2,818]	[26.73543-26.74339]
1 yr	Cytology with HPV	21	HPV with Cytology triage	35	No	2,133	26.73956
	triage					[2,014-2,270]	[26.73561-26.74205]
1 yr	Cytology with HPV	21	HPV with Cytology triage	35	Yes	2,564	26.74032
	triage					[2,463-2,701]	[26.73547-26.74331]
1 yr	Cytology with HPV	25	HPV with Cytology triage	30	No	1,954	26.73823
	triage					[1,805-2,135]	[26.73267-26.74153]
1 yr	Cytology with HPV	25	HPV with Cytology triage	30	Yes	2,373	26.74017
	triage					[2,258-2,555]	[26.73545-26.74328]
1 yr	Cytology with HPV	25	HPV with Cytology triage	35	No	1,858	26.73795
	triage					[1,739-2,000]	[26.73224-26.74137]
1 yr	Cytology with HPV	25	HPV with Cytology triage	35	Yes	2,302	26.74012
-	triage					[2,207-2,438]	[26.73533-26.74318]
1 yr	Cytology with HPV	18	Cytology with HPV triage	None	No	2,049	26.73832
•	<del>-</del> -		=-				

	triage					[1,973-2,121]	[26.73419-26.74130]
1 yr	Cytology with HPV	18	Cytology with HPV triage	None	Yes	2,490	26.73895
•	triage		, 0,			[2,424-2,551]	[26.73289-26.74275]
1 yr	Cytology with HPV	21	Cytology with HPV triage	None	No	1,819	26.73786
,	triage		, ,,			[1,757-1,882]	[26.73313-26.74094]
1 yr	Cytology with HPV	21	Cytology with HPV triage	None	Yes	2,270	26.73884
•	triage		, 0,			[2,213-2,333]	[26.73304-26.74261]
1 yr	Cytology with HPV	25	Cytology with HPV triage	None	No	1,545	26.73632
	triage		, ,			[1,497-1,599]	[26.73010-26.74036]
1 yr	Cytology with HPV	25	Cytology with HPV triage	None	Yes	2,007	26.73868
	triage		, ,			[1,960-2,067]	[26.73279-26.74253]
1 yr	HPV with Cytology	18	HPV with Cytology triage	None	No	2,965	26.74051
-	triage					[2,702-3,317]	[26.73719-26.74262]
1 yr	HPV with Cytology	18	HPV with Cytology triage	None	Yes	3,208	26.74043
	triage					[2,934-3,605]	[26.73554-26.74336]
1 yr	HPV with Cytology	21	HPV with Cytology triage	None	No	2,558	26.74008
	triage					[2,319-2,856]	[26.73637-26.74230]
1 yr	HPV with Cytology	21	HPV with Cytology triage	None	Yes	2,855	26.74038
	triage					[2,646-3,186]	[26.73535-26.74338]
1 yr	HPV with Cytology	25	HPV with Cytology triage	None	No	2,099	26.73848
	triage					[1,910-2,329]	[26.73325-26.74162]
1 yr	HPV with Cytology	25	HPV with Cytology triage	None	Yes	2,466	26.74019
	triage					[2,320-2,711]	[26.73544-26.74330]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	No	2,025	26.73919
	triage					[1,794-2,348]	[26.73571-26.74173]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	Yes	2,351	26.73972
	triage					[2,176-2,648]	[26.73471-26.74327]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	No	1,842	26.73885
	triage					[1,656-2,083]	[26.73509-26.74163]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	Yes	2,227	26.73969
	triage					[2,086-2,461]	[26.73470-26.74325]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	No	1,663	26.73807
	triage					[1,524-1,831]	[26.73371-26.74115]
2 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	Yes	2,087	26.73958
	triage					[1,975-2,251]	[26.73462-26.74311]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	No	1,941	26.73879
	triage					[1,690-2,295]	[26.73503-26.74158]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	Yes	2,258	26.73958
	triage					[2,063-2,581]	[26.73461-26.74319]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	No	1,672	26.73828

	triage					[1,489-1,902]	[26.73411-26.74139]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	Yes	2,073	26.73951
-	triage					[1,939-2,296]	[26.73455-26.74310]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	No	1,549	26.73772
-	triage					[1,398-1,730]	[26.73317-26.74110]
2 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	Yes	1,976	26.73943
-	triage					[1,867-2,151]	[26.73447-26.74302]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	No	1,786	26.73756
	triage					[1,535-2,143]	[26.73248-26.74120]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	Yes	2,112	26.73944
	triage					[1,920-2,435]	[26.73444-26.74310]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	No	1,518	26.73685
	triage					[1,335-1,752]	[26.73123-26.74088]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	Yes	1,928	26.73934
	triage					[1,797-2,151]	[26.73435-26.74297]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	No	1,394	26.73630
	triage					[1,244-1,579]	[26.73033-26.74052]
2 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	Yes	1,831	26.73925
	triage					[1,726-2,007]	[26.73428-26.74284]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	25	No	1,533	26.73857
	triage					[1,380-1,730]	[26.73491-26.74127]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	25	Yes	1,899	26.73920
	triage					[1,765-2,078]	[26.73385-26.74291]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	30	No	1,445	26.73823
	triage					[1,321-1,593]	[26.73430-26.74117]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	30	Yes	1,850	26.73917
	triage					[1,737-1,990]	[26.73386-26.74290]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	35	No	1,369	26.73751
	triage					[1,270-1,485]	[26.73308-26.74076]
2 yrs	Cytology with HPV	18	HPV with Cytology triage	35	Yes	1,801	26.73905
	triage					[1,707-1,902]	[26.73377-26.74274]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	25	No	1,423	26.73820
	triage					[1,257-1,641]	[26.73428-26.74100]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	25	Yes	1,787	26.73907
	triage					[1,652-1,981]	[26.73377-26.74278]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	30	No	1,297	26.73769
	triage					[1,172-1,438]	[26.73323-26.74083]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	30	Yes	1,715	26.73899
	triage					[1,611-1,849]	[26.73365-26.74271]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	35	No	1,242	26.73717

	triage					[1,139-1,356]	[26.73226-26.74057]
2 yrs	Cytology with HPV	21	HPV with Cytology triage	35	Yes	1,679	26.73893
	triage					[1,589-1,783]	[26.73363-26.74271]
2 yrs	Cytology with HPV	25	HPV with Cytology triage	30	No	1,142	26.73627
	triage					[1,018-1,288]	[26.73039-26.74033]
2 yrs	Cytology with HPV	25	HPV with Cytology triage	30	Yes	1,570	26.73886
	triage					[1,471-1,704]	[26.73363-26.74260]
2 yrs	Cytology with HPV	25	HPV with Cytology triage	35	No	1,088	26.73574
	triage					[985-1,203]	[26.72958-26.74001]
2 yrs	Cytology with HPV	25	HPV with Cytology triage	35	Yes	1,534	26.73877
	triage					[1,449-1,639]	[26.73353-26.74248]
2 yrs	Cytology with HPV	18	Cytology with HPV triage	None	No	1,178	26.73351
	triage					[1,116-1,243]	[26.72667-26.73815]
2 yrs	Cytology with HPV	18	Cytology with HPV triage	None	Yes	1,626	26.73558
	triage					[1,563-1,688]	[26.72720-26.74116]
2 yrs	Cytology with HPV	21	Cytology with HPV triage	None	No	1,044	26.73292
	triage					[993-1,097]	[26.72605-26.73783]
2 yrs	Cytology with HPV	21	Cytology with HPV triage	None	Yes	1,499	26.73524
	triage					[1,444-1,565]	[26.72689-26.74086]
2 yrs	Cytology with HPV	25	Cytology with HPV triage	None	No	889	26.73160
	triage					[847-937]	[26.72310-26.73749]
2 yrs	Cytology with HPV	25	Cytology with HPV triage	None	Yes	1,354	26.73515
	triage					[1,307-1,418]	[26.72681-26.74082]
2 yrs	HPV with Cytology	18	HPV with Cytology triage	None	No	1,858	26.73893
	triage					[1,628-2,209]	[26.73544-26.74142]
2 yrs	HPV with Cytology	18	HPV with Cytology triage	None	Yes	2,111	26.73925
	triage					[1,871-2,450]	[26.73390-26.74294]
2 yrs	HPV with Cytology	21	HPV with Cytology triage	None	No	1,571	26.73845
	triage					[1,357-1,862]	[26.73461-26.74099]
2 yrs	HPV with Cytology	21	HPV with Cytology triage	None	Yes	1,879	26.73911
	triage					[1,700-2,148]	[26.73383-26.74279]
2 yrs	HPV with Cytology	25	HPV with Cytology triage	None	No	1,268	26.73689
	triage					[1,102-1,490]	[26.73148-26.74059]
2 yrs	HPV with Cytology	25	HPV with Cytology triage	None	Yes	1,641	26.73891
	triage					[1,511-1,836]	[26.73359-26.74272]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	No	1,436	26.73642
	triage					[1,259-1,696]	[26.73180-26.74036]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	Yes	1,798	26.73780
	triage					[1,666-2,012]	[26.73188-26.74247]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	No	1,330	26.73603

	triage					[1,181-1,534]	[26.73114-26.74014]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	Yes	1,731	26.73775
,	triage		, 3,			[1,616-1,908]	[26.73185-26.74242]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	No	1,196	26.73485
- <b>,</b>	triage		g,			[1,085-1,336]	[26.72908-26.73952]
3 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	Yes	1,631	26.73758
,	triage		, 3,			[1,539-1,753]	[26.73175-26.74221]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	No	1,347	26.73606
•	triage		, 0,			[1,164-1,610]	[26.73151-26.74019]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	Yes	1,714	26.73774
•	triage		, 0,			[1,584-1,930]	[26.73187-26.74243]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	No	1,241	26.73565
•	triage		, 0,			[1,086-1,449]	[26.73083-26.74004]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	Yes	1,647	26.73770
-	triage					[1,537-1,826]	[26.73183-26.74239]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	No	1,107	26.73451
-	triage					[990-1,251]	[26.72887-26.73951]
3 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	Yes	1,547	26.73754
	triage					[1,460-1,671]	[26.73169-26.74213]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	No	1,327	26.73529
	triage					[1,121-1,639]	[26.72976-26.73993]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	Yes	1,676	26.73766
	triage					[1,524-1,926]	[26.73161-26.74227]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	No	1,115	26.73426
	triage					[967-1,314]	[26.72791-26.73944]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	Yes	1,536	26.73754
	triage					[1,432-1,706]	[26.73148-26.74218]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	No	989	26.73308
	triage					[878-1,130]	[26.72605-26.73887]
3 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	Yes	1,440	26.73738
	triage					[1,358-1,558]	[26.73137-26.74200]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	25	No	1,096	26.73561
	triage					[978-1,254]	[26.73081-26.73970]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	25	Yes	1,491	26.73718
	triage					[1,385-1,623]	[26.73078-26.74205]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	30	No	1,049	26.73528
	triage					[949-1,174]	[26.73001-26.73949]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	30	Yes	1,468	26.73715
_	triage					[1,374-1,580]	[26.73077-26.74206]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	35	No	987	26.73415

	triage					[905-1,083]	[26.72814-26.73893]
3 yrs	Cytology with HPV	18	HPV with Cytology triage	35	Yes	1,428	26.73698
•	triage		, 6, 6			[1,352-1,511]	[26.73067-26.74181]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	25	No	1,007	26.73529
,	triage		, 3, 3			[884-1,169]	[26.73040-26.73956]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	25	Yes	1,407	26.73713
•	triage		, 6, 6			[1,306-1,535]	[26.73082-26.74204]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	30	No	960	26.73493
•	triage		, ,,			[855-1,089]	[26.72975-26.73944]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	30	Yes	1,384	26.73709
•	triage		, ,,			[1,295-1,491]	[26.73080-26.74195]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	35	No	898	26.73382
-	triage		, ,			[817-988]	[26.72781-26.73895]
3 yrs	Cytology with HPV	21	HPV with Cytology triage	35	Yes	1,345	26.73692
-	triage		, ,			[1,273-1,422]	[26.73061-26.74171]
3 yrs	Cytology with HPV	25	HPV with Cytology triage	30	No	844	26.73344
-	triage		, ,			[743-968]	[26.72669-26.73873]
3 yrs	Cytology with HPV	25	HPV with Cytology triage	30	Yes	1,280	26.73684
	triage					[1,197-1,382]	[26.73032-26.74175]
3 yrs	Cytology with HPV	25	HPV with Cytology triage	35	No	787	26.73237
	triage					[710-876]	[26.72506-26.73825]
3 yrs	Cytology with HPV	25	HPV with Cytology triage	35	Yes	1,243	26.73669
	triage					[1,176-1,314]	[26.73024-26.74156]
3 yrs	Cytology with HPV	18	Cytology with HPV triage	None	No	848	26.72828
	triage					[795-904]	[26.71897-26.73497]
3 yrs	Cytology with HPV	18	Cytology with HPV triage	None	Yes	1,303	26.73203
	triage					[1,246-1,367]	[26.72151-26.73920]
3 yrs	Cytology with HPV	21	Cytology with HPV triage	None	No	759	26.72790
	triage					[712-814]	[26.71885-26.73473]
3 yrs	Cytology with HPV	21	Cytology with HPV triage	None	Yes	1,219	26.73195
	triage					[1,168-1,286]	[26.72144-26.73920]
3 yrs	Cytology with HPV	25	Cytology with HPV triage	None	No	655	26.72679
	triage					[616-703]	[26.71628-26.73462]
3 yrs	Cytology with HPV	25	Cytology with HPV triage	None	Yes	1,123	26.73201
	triage					[1,079-1,187]	[26.72144-26.73928]
3 yrs	HPV with Cytology	18	HPV with Cytology triage	None	No	1,389	26.73619
	triage					[1,187-1,699]	[26.73141-26.73975]
3 yrs	HPV with Cytology	18	HPV with Cytology triage	None	Yes	1,677	26.73723
	triage					[1,482-1,983]	[26.73079-26.74208]
3 yrs	HPV with Cytology	21	HPV with Cytology triage	None	No	1,171	26.73587

	triage					[992-1,427]	[26.73110-26.73968]
3 yrs	HPV with Cytology	21	HPV with Cytology triage	None	Yes	1,506	26.73719
	triage		115) ( ) ( ) ( ) ( )			[1,362-1,742]	[26.73082-26.74207]
3 yrs	HPV with Cytology	25	HPV with Cytology triage	None	No	948	26.73442
	triage		115) ( ) ( ) ( ) ( )		.,	[811-1,141]	[26.72855-26.73930]
3 yrs	HPV with Cytology	25	HPV with Cytology triage	None	Yes	1,337	26.73697
_	triage	40	0 1: :: !!!!!!!	0.5		[1,228-1,494]	[26.73042-26.74185]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	No	988	26.73000
_	triage	4.0	0 11 11 11 11 11 11 11 11		.,	[855-1,188]	[26.72300-26.73626]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	25	Yes	1,379	26.73334
_	triage	4.0	0 11 11 11 11 11 11 11 11			[1,275-1,539]	[26.72453-26.74006]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	No	882	26.72886
_	triage	4.0	0 11 11 11 11 11 11 11 11		.,	[781-1,021]	[26.72104-26.73581]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	30	Yes	1,312	26.73320
_	triage					[1,225-1,429]	[26.72445-26.73994]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	No	812	26.72742
_	triage					[733-916]	[26.71855-26.73495]
5 yrs	Cytology with HPV	18	Combination HPV / Cytology	35	Yes	1,259	26.73300
_	triage					[1,185-1,344]	[26.72430-26.73970]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	No	971	26.72983
	triage					[817-1,205]	[26.72319-26.73620]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	25	Yes	1,348	26.73280
	triage					[1,239-1,527]	[26.72381-26.73970]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	No	846	26.72885
	triage					[728-1,005]	[26.72134-26.73584]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	30	Yes	1,272	26.73269
	triage					[1,184-1,403]	[26.72368-26.73965]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	No	767	26.72752
	triage					[675-885]	[26.71904-26.73513]
5 yrs	Cytology with HPV	21	Combination HPV / Cytology	35	Yes	1,215	26.73251
	triage					[1,142-1,311]	[26.72359-26.73946]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	No	961	26.72948
	triage					[793-1,224]	[26.72174-26.73629]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	25	Yes	1,328	26.73331
	triage					[1,210-1,532]	[26.72447-26.73997]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	No	812	26.72842
	triage					[689-988]	[26.71984-26.73579]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	30	Yes	1,235	26.73318
	triage					[1,146-1,377]	[26.72437-26.73988]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	No	727	26.72710

	triage					[631-855]	[26.71729-26.73503]
5 yrs	Cytology with HPV	25	Combination HPV / Cytology	35	Yes	1,176	26.73299
•	triage		, 0,			[1,102-1,280]	[26.72423-26.73966]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	25	No	747	26.72887
,	triage		, 3, 3			[660-861]	[26.72165-26.73544]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	25	Yes	1,166	26.73255
•	triage		, 0, 0			[1,085-1,262]	[26.72326-26.73967]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	30	No	700	26.72782
•	triage					[630-787]	[26.71975-26.73507]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	30	Yes	1,142	26.73242
•	triage					[1,073-1,216]	[26.72309-26.73956]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	35	No	672	26.72654
	triage					[611-748]	[26.71741-26.73433]
5 yrs	Cytology with HPV	18	HPV with Cytology triage	35	Yes	1,124	26.73224
	triage					[1,063-1,183]	[26.72296-26.73935]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	25	No	704	26.72877
	triage					[609-839]	[26.72163-26.73547]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	25	Yes	1,117	26.73206
	triage					[1,035-1,220]	[26.72256-26.73922]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	30	No	647	26.72781
	triage					[573-742]	[26.71990-26.73501]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	30	Yes	1,089	26.73194
	triage					[1,021-1,166]	[26.72249-26.73914]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	35	No	615	26.72660
	triage					[555-695]	[26.71778-26.73439]
5 yrs	Cytology with HPV	21	HPV with Cytology triage	35	Yes	1,069	26.73180
	triage					[1,011-1,129]	[26.72241-26.73902]
5 yrs	Cytology with HPV	25	HPV with Cytology triage	30	No	598	26.72733
	triage					[522-700]	[26.71845-26.73491]
5 yrs	Cytology with HPV	25	HPV with Cytology triage	30	Yes	1,039	26.73230
	triage					[972-1,119]	[26.72298-26.73931]
5 yrs	Cytology with HPV	25	HPV with Cytology triage	35	No	562	26.72609
	triage					[501-638]	[26.71596-26.73420]
5 yrs	Cytology with HPV	25	HPV with Cytology triage	35	Yes	1,019	26.73212
	triage					[961-1,080]	[26.72283-26.73915]
5 yrs	Cytology with HPV	18	Cytology with HPV triage	None	No	594	26.71960
	triage					[548-646]	[26.70665-26.72905]
5 yrs	Cytology with HPV	18	Cytology with HPV triage	None	Yes	1,053	26.72670
_	triage					[1,003-1,118]	[26.71290-26.73623]
5 yrs	Cytology with HPV	21	Cytology with HPV triage	None	No	531	26.71909

	triage					[489-583]	[26.70618-26.72865]
5 yrs	Cytology with HPV	21	Cytology with HPV triage	None	Yes	995	26.72611
	triage					[950-1,063]	[26.71236-26.73579]
5 yrs	Cytology with HPV	25	Cytology with HPV triage	None	No	471	26.71857
	triage					[435-521]	[26.70423-26.72862]
5 yrs	Cytology with HPV	25	Cytology with HPV triage	None	Yes	939	26.72675
	triage					[898-1,006]	[26.71321-26.73607]
5 yrs	HPV with Cytology	18	HPV with Cytology triage	None	No	980	26.72987
	triage					[814-1,227]	[26.72321-26.73581]
5 yrs	HPV with Cytology	18	HPV with Cytology triage	None	Yes	1,307	26.73267
	triage					[1,158-1,537]	[26.72323-26.73975]
5 yrs	HPV with Cytology	21	HPV with Cytology triage	None	No	807	26.72930
	triage					[673-1,003]	[26.72231-26.73560]
5 yrs	HPV with Cytology	21	HPV with Cytology triage	None	Yes	1,179	26.73212
	triage					[1,068-1,353]	[26.72266-26.73928]
5 yrs	HPV with Cytology	25	HPV with Cytology triage	None	No	668	26.72831
	triage					[566-819]	[26.72032-26.73539]
5 yrs	HPV with Cytology	25	HPV with Cytology triage	None	Yes	1,076	26.73241
	triage					[990-1,190]	[26.72305-26.73944]

# Supplementary Table 11. Discounted Life Expectancy if HPV Vaccination Protection Wanes after 15 Years (Means and Minimums and Maximums)

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Life expectancy
		years		years	vaccination	years
	Natural History					29.29524
						[29.27145-29.31664]
None	N/A	N/A	N/A	N/A	Yes	29.32471
	0	4.0				[29.30434-29.34073]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.35737
4	0 ( ) ( ) ( ) ( )	40	0 1: (: 115)// 0 / 1	0.5		[29.35527-29.35888]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.35751
4	Cutalogue with LIDV/ triogga	40	Combination LIDV / Cutalon /	20	No	[29.35450-29.35951]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	29.35725
1 vr	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	[29.35512-29.35881] 29.35749
1 yr	Cytology with the village	10	Combination (1) V / Cytology	30	162	[29.35448-29.35950]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.35706
ı yı	Cytology with the village	10	Combination in V/ Cytology	33	NO	[29.35482-29.35875]
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.35747
. ,.	cytology man i mage	. •	combination in the system gy			[29.35449-29.35949]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	29.35701
•	, 0,		, 0,			[29.35464-29.35870]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.35745
			, .,			[29.35450-29.35947]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	29.35691
						[29.35450-29.35866]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	29.35744
						[29.35448-29.35947]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.35671
	0					[29.35408-29.35853]
1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	29.35740
4	Outology with LIDV/ triogra	0.5	Combination LIDV// October	0.5	NIa	[29.35445-29.35943]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	29.35577
1 vr	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	[29.35209-29.35825] 29.35730
1 yr	Cytology with the village	20	Combination for v / Cytology	20	169	[29.35433-29.35938]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.35554
· y'	Cytology with the vallage	20	Combination in V / Cytology	00	110	20.00007

						[29.35167-29.35819]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.35727
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	[29.35426-29.35937] 29.35533
ı yı	Cytology with the vittage	25	Combination The V / Cytology	33	NO	[29.35128-29.35808]
1 yr	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35724
						[29.35423-29.35934]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	No	29.35721
1 vm	Cutalogy with UDV triago	18	HDV with Cytology triago	25	Yes	[29.35491-29.35869] 29.35732
1 yr	Cytology with HPV triage	10	HPV with Cytology triage	23	168	[29.35408-29.35934]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.35706
,	, 3,		, 3, 3			[29.35459-29.35857]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.35728
_						[29.35415-29.35928]
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.35687
1 vr	Cutalogy with UDV triago	18	HDV with Cytology triago	35	Yes	[29.35445-29.35854] 29.35727
1 yr	Cytology with HPV triage	10	HPV with Cytology triage	33	168	[29.35413-29.35930]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.35685
. ,.	cytology that the though		cytorogy meige			[29.35433-29.35851]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.35726
						[29.35408-29.35930]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.35672
4	Cutalogy with UDV triago	21	LIDV/ with Cytology triago	30	Yes	[29.35405-29.35845]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	162	29.35723 [29.35400-29.35934]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.35654
. ,.	e, to egy mar me anage		v mar cytology mage			[29.35376-29.35835]
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35720
_						[29.35403-29.35926]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35532
1 vr	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	[29.35114-29.35797] 29.35706
1 yr	Cytology with the vithage	25	TIF V With Cytology thage	30	162	[29.35400-29.35920]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.35512
,	-,					[29.35081-29.35788]
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35704
	0		0			[29.35395-29.35912]
1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.35565

1 yr	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	[29.35288-29.35788] 29.35625
,	, 0,					[29.35217-29.35884]
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.35529
1 yr	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	[29.35200-29.35755] 29.35615
ı yı	Cytology with the viriage	21	Cytology with the viriage	None	163	[29.35232-29.35873]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.35395
•	, 0,		, ,,			[29.34933-29.35713]
1 yr	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35600
		4.0	115)/ 11/ 0 / 1			[29.35207-29.35866]
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.35728
4	LIDV with Cutology triago	18	LID) / with Cutology triago	None	Voc	[29.35504-29.35873]
1 yr	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	29.35730 [29.35408-29.35927]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	No	29.35695
ıyı	TIF V with Cytology thage	21	TIF V Willi Cytology thage	NOHE	INO	[29.35431-29.35852]
1 yr	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	29.35726
. ,.	The Villar Sylvinogy mage		The Vinan Sylenegy mage	110110	. 00	[29.35389-29.35929]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.35555
	, 0, 0		, 0, 0			[29.35159-29.35800]
1 yr	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35708
						[29.35402-29.35923]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.35636
	0	4.0	0 11 11 11 11 11 11 11 11 11 11 11 11 11			[29.35402-29.35820]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.35685
0.00	Cutalon with LIDV trians	40	Combination LIDV / Cotalogy	20	Na	[29.35360-29.35924]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	29.35608 [29.35355-29.35813]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	29.35683
2 y13	Cytology Will Till V thage	10	Combination in V / Cytology	00	100	[29.35358-29.35923]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.35544
,	, 0,		, 3,			[29.35239-29.35772]
2 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.35674
						[29.35351-29.35912]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	29.35600
•	0	0.4	0 1: :: :: :: :: :: :: :: :: :: :: :: ::	0.5		[29.35340-29.35809]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.35673
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	[29.35352-29.35918] 29.35559
Z yıs	Cytology with the village	۷ ۱	Combination for V / Cytology	30	INU	29.00008

2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	[29.35266-29.35797] 29.35668
2 yıs	Cytology with the viriage	۷1	Combination Fir V / Cytology	30	162	[29.35348-29.35910]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.35515
, -	-,					[29.35192-29.35775]
2 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	29.35661
						[29.35341-29.35905]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	29.35493
_						[29.35117-29.35777]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.35661
0	O (alaa 20 HDV/stana	05	Occaliantian HDV//Octales	00	NI.	[29.35337-29.35910]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.35434
2 vro	Cytology with UDV triogo	25	Combination UDV / Cutalogy	30	Yes	[29.35016-29.35750] 29.35651
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	168	[29.35329-29.35900]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	29.35391
2 y13	Cytology with the viriage	25	Combination in V7 Cytology	33	INO	[29.34950-29.35721]
2 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35645
<i>_ y</i> .0	cytology marrin i mage	20	Combination in 17 Cytology	00	. 00	[29.35323-29.35891]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	29.35587
,	, 6,		, 0, 0			[29.35331-29.35784]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	29.35645
						[29.35287-29.35895]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.35559
						[29.35291-29.35778]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.35641
	0		LIDY III O . I			[29.35289-29.35896]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.35500
0.450	Cytology with UDV triago	10	LIDV with Cutalogy triago	35	Voo	[29.35188-29.35742]
2 yrs	Cytology with HPV triage	18	HPV with Cytology triage	33	Yes	29.35632 [29.35283-29.35883]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.35554
2 y13	Cytology with the vallage	21	The Vivial Cytology thage	20	140	[29.35279-29.35762]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.35633
_ ,	cytology mark in a mage		· · · · · · · · · · · · · · · · · ·			[29.35289-29.35884]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.35513
,	, 0,		, 0, 0			[29.35195-29.35759]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35625
						[29.35279-29.35880]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.35470

0	O tales 20 UDV Care	04	HDV 34 O (sleep trians	0.5	W	[29.35112-29.35730]
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35621 [29.35278-29.35881]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35386
<i>_ y</i> .0	cytology marrin v mage	_0	The Times Cytology mage			[29.34944-29.35706]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	29.35612
						[29.35268-29.35870]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.35345
	0		115)/ 11/ 0 / 1			[29.34887-29.35678]
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35606
2 vro	Cytology with UDV triago	18	Cytology with HPV triage	None	No	[29.35257-29.35862] 29.35185
2 yrs	Cytology with HPV triage	10	Cytology with HPV thage	None	INO	[29.34678-29.35533]
2 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.35365
2 y13	Cytology Will The Village	10	Cytology with the value	140110	100	[29.34777-29.35759]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.35135
_ ,	cytology marks a mage		cyclegy man and ge			[29.34623-29.35512]
2 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	29.35333
-						[29.34758-29.35730]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.35019
						[29.34381-29.35472]
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35325
0	LIDV. 3h O talan tehan	40	LIDV 2015 O talana talana	Nicol	NI.	[29.34745-29.35727]
2 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.35615
2 vrc	HDV with Cytology triago	18	HPV with Cytology triago	None	Yes	[29.35356-29.35794] 29.35649
2 yrs	HPV with Cytology triage	10	HPV with Cytology triage	None	162	[29.35292-29.35894]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	29.35575
<b>-</b> y.0	The Vivial Cytology mage		The Vinan Sylenegy mage		. 10	[29.35302-29.35759]
2 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	29.35637
·	,		, 0, 0			[29.35295-29.35887]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.35439
						[29.35040-29.35730]
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35616
0	O (ala - 20 HB)/(2a)	40	0.5512.565.1107//0.4515.5	0.5	NI.	[29.35267-29.35881]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.35420 [29.35072-29.35714]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.35540
o yio	Cytology with the village	10	Combination in V / Cytology	20	1 63	[29.35148-29.35867]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	29.35388
- <b>,</b>	- ,			<del></del>	- <del>-</del>	

						[29.35043-29.35697]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	29.35537
						[29.35148-29.35863]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.35291
•	0.11	40	0 1: :: : !!В!// 0 : !	0.5		[29.34879-29.35652]
3 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.35522
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	[29.35139-29.35847] 29.35387
3 yıs	Cytology with the vittage	21	Combination for V / Cytology	25	NO	[29.35053-29.35700]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.35535
- )	- ,g,					[29.35149-29.35862]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	29.35354
						[29.35015-29.35685]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	29.35531
_						[29.35146-29.35860]
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.35261
2 vro	Cytology with HDV triago	21	Combination HDV / Cytology	35	Yes	[29.34862-29.35646] 29.35518
3 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	33	162	[29.35133-29.35839]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	29.35322
o y.o	Cytology Marrin Vallage	20	Communication in the Cytology	20		[29.34910-29.35680]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.35530
•	, 0,		. 0,			[29.35121-29.35850]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.35236
_					.,	[29.34761-29.35639]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.35520
2	Cutalogy with LIDV triago	25	Combination UDV / Cutology	25	No	[29.35110-29.35843]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	29.35141 [29.34613-29.35595]
3 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35506
o y.o	Cytology Marrin Vallage	20	Communication in the Cytology	00	. 55	[29.35101-29.35830]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	29.35355
•			, ,,			[29.34992-29.35667]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	29.35491
_						[29.35064-29.35833]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.35328
2 vrc	Cytology with HPV triago	18	HDV with Cytology triago	30	Yes	[29.34954-29.35646] 29.35488
3 yrs	Cytology with HPV triage	10	HPV with Cytology triage	30	162	[29.35062-29.35833]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.35234
o y.o	cytology marrin v mago	.0	Mar Oylology alago	00	110	20.0020 1

						[29.34797-29.35601]
3 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.35474
	0 . 1		LIDIA NI O ALL AND	0=		[29.35051-29.35813]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.35327
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	[29.34972-29.35651] 29.35486
o yro	Cytology with the viriage	21	The vivial Cytology thage	25	163	[29.35065-29.35831]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.35297
- <b>,</b> -	- ,				-	[29.34928-29.35640]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35482
						[29.35066-29.35824]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.35206
	0		LIDIY III O . I		.,	[29.34768-29.35602]
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35468
2	Cutology with UDV triago	O.F.	UDV with Cutalogy triago	20	No	[29.35049-29.35804]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.35169 [29.34662-29.35579]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	29.35463
o yio	Cytology Warrin V mago	20	The Vivial Cytology mage	00	100	[29.35016-29.35807]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	29.35083
•	, 0,		,			[29.34532-29.35541]
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	29.35450
						[29.35010-29.35793]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.34749
0	Cutalogue with LIDV/ triagge	40	Cutalogu with LIDV/ triago	None	Vac	[29.34051-29.35275]
3 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.35068 [29.34298-29.35599]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	No	29.34717
o yio	Cytology with the vallage	<b>~</b> 1	Cytology with the values	None	140	[29.34050-29.35245]
3 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	29.35064
•	, 0,		, 0,			[29.34307-29.35593]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.34618
_						[29.33801-29.35246]
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	29.35068
0	LIDV/ with Catalogue triagg	40	LIDV/ with Catalogue trioggo	None	No	[29.34290-29.35604]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.35402 [29.35042-29.35671]
3 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	29.35496
5 3.5	7 mai Cytology thago	.0	mar cytology thago	110110	100	[29.35063-29.35836]
3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	29.35376
-	, .					

3 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	[29.35021-29.35660] 29.35490
5 y15	The Vivial Cytology thage	21	The Vivial Cytology thage	None	103	[29.35061-29.35832]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.35251
-						[29.34813-29.35630]
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35472
	O tales 20 UDV Gass	40	0	05	N1.	[29.35024-29.35815]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	No	29.34900 [29.34389-29.35380]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	29.35181
3 yi3	Cytology with the village	10	Combination in V7 Cytology	25	163	[29.34555-29.35671]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	No	29.34801
. , .	- ,					[29.34223-29.35344]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	29.35168
-						[29.34548-29.35661]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	No	29.34677
_						[29.34007-29.35269]
5 yrs	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	29.35151
E	Cutalogue with LIDV/ triogg	04	Combination LIDV / Cutalons	05	Na	[29.34534-29.35637]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	No	29.34878 [29.34363-29.35380]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	25	Yes	29.35131
5 y15	Cytology with the vinage	<b>Z</b> I	Combination in V7 Cytology	20	103	[29.34480-29.35644]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	No	29.34793
,	, 3,		, 0,			[29.34232-29.35352]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	30	Yes	29.35122
						[29.34469-29.35643]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	No	29.34679
_	0 ( ) ( ) ( ) ( ) ( )	0.4	0 1: :: :: !!D\// 0 : !	0.5		[29.34037-29.35295]
5 yrs	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	29.35106
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	No	[29.34463-29.35625] 29.34842
J yls	Cytology with the village	23	Combination TIF v / Cytology	25	INO	[29.34256-29.35381]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	25	Yes	29.35177
o y.o	cytology t mage		oemananen i , eytelegj			[29.34543-29.35661]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	No	29.34751
•			,			[29.34103-29.35339]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	30	Yes	29.35165
_	0 ( ) ( ) ( ) ( ) ( )	0.5	0 1: :: 110///0::1	0.5		[29.34534-29.35655]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	No	29.34637

						[29.33878-29.35279]
5 yrs	Cytology with HPV triage	25	Combination HPV / Cytology	35	Yes	29.35149
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	No	[29.34523-29.35637] 29.34803
0 7.0	Cytology marrin vallage	.0	The Vinite Cytology mage	20		[29.34278-29.35310]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	29.35114
F	Cutalogue with LIDV triago	40	LIDV/ with Catalogue triogs	20	Nie	[29.34449-29.35638]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	No	29.34713 [29.34113-29.35279]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	30	Yes	29.35102
- , -	- ,					[29.34432-29.35628]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	No	29.34601
_						[29.33908-29.35214]
5 yrs	Cytology with HPV triage	18	HPV with Cytology triage	35	Yes	29.35088
_	0		NEW W. C. C.			[29.34421-29.35609]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	No	29.34791
F	Cutalo au mith LIDV/ trio ao	04	LIDV with Catalogy triago	05	Vaa	[29.34242-29.35321]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	29.35070 [29.34381-29.35601]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	29.34708
o yio	Cytology with the village	21	The Vivial Cytology thage	00	110	[29.34119-29.35285]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	29.35060
- <b>,</b>	c, in g, in a mage		······································			[29.34376-29.35596]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	No	29.34603
			, ,,			[29.33935-29.35235]
5 yrs	Cytology with HPV triage	21	HPV with Cytology triage	35	Yes	29.35047
						[29.34370-29.35587]
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	29.34661
<b>5</b>	Outology with LIDV/triogra	05	LIDV with Cotalans trians	20	V	
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	res	
5 vre	Cytology with HPV triage	25	HPV with Cytology triage	35	No	
J yl3	Cytology with the village	23	The vivil Cytology thage	33	NO	
5 vrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	
- <b>,</b>	c, in g, in a mage		······································			[29.34402-29.35593]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	No	29.33990
						[29.32965-29.34753]
5 yrs	Cytology with HPV triage	18	Cytology with HPV triage	None	Yes	29.34602
_	0.11	0.4	0.41			[29.33542-29.35334]
5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	NO	29.33939
5 yrs 5 yrs 5 yrs 5 yrs	Cytology with HPV triage Cytology with HPV triage Cytology with HPV triage Cytology with HPV triage	25 25 25 18	HPV with Cytology triage HPV with Cytology triage HPV with Cytology triage Cytology with HPV triage	30 35 35 None	Yes No Yes No	[29.33991-29.38 29.35090 [29.34413-29.38 29.34552 [29.33764-29.38 29.35075 [29.34402-29.38 29.33990 [29.32965-29.38 29.34602

5 yrs	Cytology with HPV triage	21	Cytology with HPV triage	None	Yes	[29.32916-29.34730] 29.34548 [29.33487-29.35303]
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	29.33890
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	[29.32734-29.34715] 29.34605 [29.33576-29.35319]
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	No	29.34890
5 yrs	HPV with Cytology triage	18	HPV with Cytology triage	None	Yes	[29.34375-29.35343] 29.35126 [29.34447-29.35644]
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	No	29.34835
5 yrs	HPV with Cytology triage	21	HPV with Cytology triage	None	Yes	[29.34282-29.35331] 29.35076 [29.34390-29.35608]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	No	29.34745
_						[29.34138-29.35309]
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	29.35101 [29.34422-29.35619]

**Supplementary Table 12. Cost-effectiveness Results under Alternative Vaccine Performance Assumptions** 

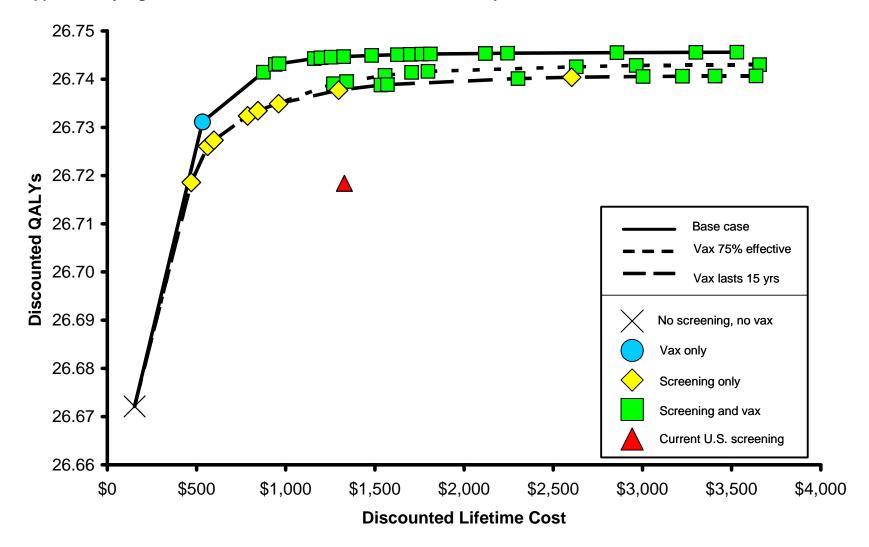
			Vaccine is 75% Effective					
Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Cost	QALE	ICER
		years		years		\$	QALYs	\$/QALY
	Natural History					153	26.67212	
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	471	26.71857	\$7,000
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	562	26.72609	\$12,000
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	598	26.72733	\$29,000
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	787	26.73237	\$37,000
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	844	26.73344	\$53,000
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	1,267	26.73906	\$75,000
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	1,341	26.73951	\$164,000
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	1,558	26.74079	\$169,000
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	1,706	26.74141	\$239,000
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	25	Yes	1,798	26.74163	\$418,000
1 yr	Cytology with HPV triage	21	HPV with Cytology triage	30	Yes	2,629	26.74257	\$884,000
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	2,965	26.74284	\$1,246,000
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	3,656	26.74298	\$4,937,000

			<b>Vaccine Protection Wanes in 15</b>	Years				
Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Cost	QALE	ICER
		years		years		\$	QALYs	\$/QALY
	Natural History					153	26.67212	
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No	471	26.71857	\$7,000
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	562	26.72609	\$12,000
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	598	26.72733	\$29,000
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	787	26.73237	\$37,000
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	No	844	26.73344	\$53,000
3 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	960	26.73493	\$78,000
2 yrs	Cytology with HPV triage	21	HPV with Cytology triage	30	No	1,297	26.73769	\$122,000
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	1,534	26.73877	\$220,000
2 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	1,570	26.73886	\$401,000
1 yr	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	2,302	26.74012	\$581,000
1 yr	Cytology with HPV triage	18	HPV with Cytology triage	25	Yes	2,603	26.74039	\$1,116,000

US	Cervical	Cancer	Prevention
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1 yr	Cytology with HPV triage	21	Combination HPV / Cytology	35	Yes	3,003	26.74054	\$2,668,000
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	35	Yes	3,224	26.74061	\$3,151,000
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	30	Yes	3,407	26.74065	\$4,588,000
1 yr	Cytology with HPV triage	18	Combination HPV / Cytology	25	Yes	3,637	26.74067	\$11,480,000

#### Supplementary Figure 4. Efficient Frontiers under Alternative Assumptions about Vaccine Performance



Supplementary Table 13. Effect of Vaccine Coverage and Age at Which Vaccine Protection Provides a 30% Reduction in HPV 16/18 for Unvaccinated Women (Approximated Herd Immunity)

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination				
	, ,					ICERs (\$/QAL	Y) at different star 70% vaccine cove	~ ~	•
						20 yrs	30 yrs	40 yrs	50 yrs
None	N/A	N/A	N/A	N/A	No			•	-
None	N/A	N/A	N/A	N/A	Yes	6,000	6,000	6,000	6,000
5yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No				
5yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	19,000	20,000		
5yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No	15,000	14,000	13,000	12,000
5yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	20,000	20,000	20,000	21,000
3yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No				
3yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	98,000	96,000	93,000	89,000
2yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	No				
2yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	245,000	238,000	224,000	219,000
							Y) at different star 90% vaccine cove		
						20 yrs	30 yrs	40 yrs	50 yrs
None	N/A	N/A	N/A	N/A	No				
None	N/A	N/A	N/A	N/A	Yes	6,000	6,000	6,000	6,000
5yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	No				
5yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	26,000	25,000	25,000	25,000
5yrs	Cytology with	25	HPV with	35	No				

HPV triage		Cytology triage						
Cytology with	25	HPV with	35	Yes	29,000	28,000	28,000	27,000
HPV triage		Cytology triage						
Cytology with	25	HPV with	35	No				
HPV triage		Cytology triage						
Cytology with	25	HPV with	35	Yes	151,000	151,000	150,000	145,000
HPV triage		Cytology triage						
Cytology with	25	HPV with	35	No				
HPV triage		Cytology triage						
Cytology with	25	HPV with	35	Yes	409,000	409,000	396,000	395,000
HPV triage		Cytology triage						
	Cytology with HPV triage Cytology with	Cytology with 25 HPV triage Cytology with 25 Cytology with 25	Cytology with 25 HPV with HPV triage Cytology with 25 HPV with HPV triage Cytology triage Cytology with 25 HPV with HPV triage Cytology triage Cytology with 25 HPV with HPV triage Cytology triage Cytology with 25 HPV with Cytology triage Cytology with 25 HPV with	Cytology with 25 HPV with 35 HPV triage Cytology triage Cytology with 25 HPV with 35 HPV triage Cytology triage Cytology with 25 HPV with 35 HPV triage Cytology triage Cytology with 25 HPV with 35 HPV triage Cytology triage Cytology with 25 HPV with 35 Cytology triage Cytology with 25 HPV with 35	Cytology with 25 HPV with 35 Yes HPV triage Cytology triage Cytology with 25 HPV with 35 No HPV triage Cytology triage Cytology with 25 HPV with 35 Yes HPV triage Cytology triage Cytology with 25 HPV with 35 No HPV triage Cytology triage Cytology with 25 HPV with 35 No HPV triage Cytology triage Cytology with 25 HPV with 35 Yes	Cytology with 25 HPV with 35 Yes 29,000  HPV triage Cytology triage  Cytology with 25 HPV with 35 No  HPV triage Cytology triage  Cytology with 25 HPV with 35 Yes 151,000  HPV triage Cytology triage  Cytology with 25 HPV with 35 No  HPV triage Cytology triage  Cytology with 25 HPV with 35 No  HPV triage Cytology triage  Cytology with 25 HPV with 35 Yes 409,000	Cytology with HPV triage         25         HPV with HPV with HPV triage         35         Yes         29,000         28,000           Cytology with LPV triage         25         HPV with HPV with HPV with HPV triage         35         No         No         151,000         151,000         151,000         HPV with HPV with HPV with HPV with HPV with HPV with HPV triage         35         No         No         HPV with	Cytology with         25         HPV with         35         Yes         29,000         28,000         28,000           HPV triage         Cytology triage         No         State of the control of

Supplementary Table 14. Results of Cytology Test Characteristics Sensitivity Analysis

Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination	Cost	QALE	ICER
		years		years		\$	QALYs	\$/QALY
			A. Cytology sensitivity	<b>/: 40%</b>				
	Natural History					156	26.67046	
None	N/A	N/A	N/A	N/A	Yes	532	26.73183	6,000
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	920	26.74286	35,000
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	970	26.74343	89,000
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	1215	26.74440	253,000
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	1500	26.74480	718,000
			B. Cytology sensitivity	<b>/: 50%</b>				
	Natural History					156	26.67046	
None	N/A	N/A	N/A	N/A	Yes	532	26.73183	6,000
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	923	26.74321	34,000
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	972	26.74368	105,000
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	1217	26.74465	252,000
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	1503	26.74503	738,000
			C. Cytology sensitivity	/: <b>60</b> %				
	Natural History					156	26.67046	
None	N/A	N/A	N/A	N/A	Yes	532	26.73183	6,000
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	927	26.74349	34,000
5 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	974	26.74385	130,000
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	1142	26.74453	246,000
3 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	1219	26.74483	260,000
2 yrs	HPV with Cytology triage	25	HPV with Cytology triage	None	Yes	1506	26.74520	777,000

## Supplementary Table 15. Comparison of Current Screening Practice with and without HPV Vaccination (Means, Minimums and Maximums)

Strategy / Scenario	Reduction in Lifetime Cancer Risk %	Cost	QALE QALYs	CER (compared to current screening without vaccine) \$/QALY
Current screening without vaccination	52.6 [46.9-57.7]	1,329 [1,274-1,398]	26.71839 [26.70716-26.72739]	
Current screening with best-case HPV vaccine	88.4 [81.6-94.2]	1,728 [1,686-1,780]	26.74099 [26.73638-26.74414]	18,000
Current screening with 75% effective HPV vaccine	68.4 [51.7-78.4]	1,776 [1,725-1,845]	26.72958 [26.72029-26.73641	40,000
Current screening with 20-year duration HPV vaccine	42.1 [2.6-64.6]	1,787 [1,732-1,872]	26.72806 [26.71631-26.73619]	47,000

Supplementary Table 16. Marginal Benefit (Quality-Adjusted Life Expectancy Gain) of Adding Vaccination to Screening for Women of Different Ages under Alternative Assumptions of Screening Behavior

Screening behavior assumption in the presence of vaccination	Vaccination policy	Units	9- to 12- year- olds	21- to 24- year- olds	25- to 29- year- olds
No change to screening behavior	Not vaccinated	QALYs	23.72665	16.58308	12.15037
No change to screening behavior	Vaccinate, 100% coverage	QALYs Quality-adjusted life days gained	23.74915 8.2	16.59540 4.5	12.15480 1.6
70% screening q3	Vaccinate, 25% coverage	QALYs Quality-adjusted life days gained	23.72579 -0.3	16.57896 -1.5	12.14377 -2.4
70% screening q3	Vaccinate, 75% coverage	QALYs Quality-adjusted life days gained	23.74030 5.0	16.58695 1.4	12.14666 -1.4
70% screening q3	Vaccinate, 100% coverage	QALYs Quality-adjusted life days gained	23.74755 7.6	16.59094 2.9	12.14810 -0.8

<sup>\*</sup> q3 = screening every 3 years

# Supplementary Table 17. Potential Impact on Disparities of the Distribution of Screening and Vaccine Resources (Cervical Cancer Reduction)

	White	African American	Asian / Pacific Islander	American Indian / Alaskan Native	Hispanio
Disparities Widen: Uptake percentage of new technologies by Whites: 75% Uptake percentage of new technologies by Racial/Ethnic Minorities: 25%					
Benefit of Cytology alone, race-/ethnicity-specific patterns of utilization	54%	51%	43%	46%	50%
Incremental benefit of HPV-DNA testing w/ Cyto triage after age 35	4%	4%	4%	4%	4%
Incremental benefit of HPV 16,18 Vaccination for pre-adolescents	10%	3%	3%	3%	3%
Incremental benefit of new screening strategies every 3 years	7%	4%	6%	5%	4%
Total Incremental Benefit	22%	11%	13%	14%	11%
Total Benefit	76%	62%	56%	59%	61%
Disparities Narrow: Uptake percentage of new technologies by Whites: 50% Uptake percentage of new technologies by Racial/Ethnic Minorities: 50%					
Benefit of Cytology alone, race-/ethnicity-specific patterns of utilization	54%	51%	43%	46%	50%
Incremental benefit of HPV-DNA testing w/ Cyto triage after age 35	4%	4%	4%	4%	4%
Incremental benefit of HPV 16,18 Vaccination for pre-adolescents	7%	7%	7%	7%	7%
Incremental benefit of new screening strategies every 3 years	5%	7%	11%	9%	8%
Total Incremental Benefit	16%	18%	22%	20%	18%
Total Benefit	70%	69%	65%	66%	68%

# Supplementary Table 18. Reduction in Positive Predictive Value of Cervical Cytology Caused by HPV Vaccination by 5-year Age Group

Age Range	Average	Maximum	Minimum
25-29	64%	64%	55%
30-34	61%	63%	49%
35-39	56%	59%	44%
40-44	55%	60%	43%
45-49	55%	62%	44%
50-54	57%	61%	47%
55-59	60%	63%	50%
60-64	62%	66%	52%

Supplementary Table 19. Results of HPV DNA Test Characteristics Sensitivity Analysis: Test Sensitivity (Probability of Positive Test Results in the Presence of High Risk HPV DNA) (Strategies with ICERs Less than \$500,000 per QALY)

						HPV Sensisitivity 92.5% HPV Specificity 100.0% ICER \$/QALY	HPV Sensisitivity 85.0% HPV Specificity 100.0% ICER \$/QALY	HPV Sensisitivity 70.0% HPV Specificity 100.0% ICER \$/QALY
Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre- adolescent vaccination			
	Natural History							
None	N/A	N/A	N/A	N/A	Yes	6,000	6,000	6,000
5yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	34,000	34,000	35,000
5yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	42,000	52,000	
5yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	95,000	111,000	
3yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes			118,000
3yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	200,000	171,000	
3yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	226,000	203,000	
3yrs	HPV with	25	HPV with	None	Yes	421,000		
- ,	Cytology triage	-	Cytology triage			,		
2yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes			271,000
2yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes		482,000	

Supplementary Table 20. Results of HPV DNA Test Characteristics Sensitivity Analysis: Test Specificity (Probability of Negative Test Results in the Absence of High Risk HPV DNA) (Strategies with ICERs Less than \$500,000 per QALY)

						HPV Sensisitivity 100% HPV Specificity 92.5% ICER \$/QALY	HPV Sensisitivity 100% HPV Specificity 85.0% ICER \$/QALY	HPV Sensisitivity 100% HPV Specificity 70.0% ICER \$/QALY
Screening frequency	Screening strategy in younger women	Start age	Screening strategy in older women	Switch age	Pre-adolescent vaccination			
	Natural History							
None	N/A	N/A	N/A	N/A	Yes	6,000	6,000	6,000
5 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes	34,000	35,000	36,000
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	88,000		
5 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	207,000		
3 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes		130,000	133,000
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	35	Yes	261,000	369,000	
3 yrs	Cytology with HPV triage	25	HPV with Cytology triage	30	Yes	554,000		
2 yrs	Cytology with HPV triage	25	Cytology with HPV triage	None	Yes		314,000	326,000