Analysis Table Shells

Table Shell 1: Description of samples at baseline surveys

	Total	Intervention	Control	p-value	N
Provider-Level					
Age (mean)					
Female provider (%)					
Ethnicity (%) Hispanic Non-Hispanic					
Race* (%) White Black or African American Asian Native Hawaiian or other Pacific Islander Native American or Alaska Native					
Type of Clinician (%) Ob/Gyn Other physician Nurse Practitioner Certified nurse midwife Physician's Assistant					
Number of years providing clinical care (mean)					
Number of primary care outpatient settings where currently practice (%) 1 2 3 or more					
Hours spent in direct patient care (mean)					
Percent of professional time spent in: Primary care Subspecialty care Research Teaching Administration Other					
Years in practice at this clinic (mean)					
Hours per week spent on outpatient care at this clinic (mean)					
Number of patients seen at this clinic in a typical week (mean)					
Number of adult female patients seen for routine or well-woman exams in typical week (mean)					
Patient-Level					
Age, years (mean)					
Ethnicity (%) Hispanic Non-Hispanic					

	Total	Intervention	Control	p-value	N
Race* (%) 　White 　Black or African American 　Asian 　Native Hawaiian or other Pacific Islander 　Native American or Alaska Native					
Nativity (%) 　Foreign-born 　US-born					
Language spoken at home (%) 　English 　Other					
Highest level of school (%) 　Less than high school 　High school or GED 　At least some college					
Type of Health Insurance (%) 　Private 　Medicare 　Medicaid 　Military or VA 　IL BCCP 　No insurance / self-pay 　Other					

* Respondents were allowed to check all racial categories that applied.

Table Shell 2: Comparison of measures across control and intervention sites, percent and mean distributions

	Baseline Survey				Follow-up Survey*			
	Total	Intervention	Control	*p-value*	Total	Intervention	Control	*p-value*
Patient-Level Measures								
High Risk Behavior Scale								
Pap Knowledge Scale								
Previous HPV Test Use								
HPV Knowledge Scale								
HPV Testing Today – Attitude Scale								
HPV Testing Today – Beliefs Scale								
Screening Interval – Attitude Scale								
Screening Interval – Beliefs Scale								
Screening Interval – Intention								
Provider-Level Measures								
Importance of Annual Exam Scale								
STD exposure								
HPV Experience								
Previous HPV training								
Follow ACOG Guidelines								
HPV Testing – Attitude Scale								
HPV Testing – Beliefs Scale								
HPV Testing – Social Support Scale								
Screening Interval with Negative HPV and Normal Pap Results…								
Attitude Scale								
Beliefs Scale								
Social Support Scale								
Screening Interval with 3 Normal Paps…								
Attitude Scale								
Beliefs Scale								
Social Support Scale								

* Follow-up data are from the 18-month Patient Survey and the 12-month Provider Survey.

Table Shell 3: Bivariate and multivariate associations with increased screening interval

	Bivariate Models		Multivariate Model	
	Estimate	p-value	Estimate	p-value
Clinic-Level Measures				
Intervention Site				
Control Site *(reference)*				
Patient-Level Measures				
Age, years				
Race / Ethnicity				
Hispanic				
Black, non-Hispanic				
Other, non-Hispanic				
White, non-Hispanic *(reference)*				
Nativity				
Foreign-born				
US-born *(reference)*				
Language spoken at home				
English *(reference)*				
Other				
Highest level of school				
Less than high school				
High school or GED *(reference)*				
At least some college				
High Risk Behavior Scale				
Pap Knowledge Scale				
Previous HPV Test Use				
HPV Knowledge Scale				
HPV Testing Today – Attitude Scale				
HPV Testing Today – Beliefs Scale				
Screening Interval – Attitude Scale				
Screening Interval – Beliefs Scale				
Screening Interval – Intention				
Provider-Level Measures				
Type of Provider				
Ob/Gyn *(reference)*				
Other physician				
Nurse Practitioner				
Certified nurse midwife				
Physician's Assistant				
Importance of Annual Exam Scale				
Risk Assessment Scale				
STD exposure				
HPV Experience				
Previous HPV training				
Follow ACOG Guidelines				
HPV Testing – Attitude Scale				
HPV Testing – Belief Scale				
HPV Testing – Social Support Scale				

Screening Interval with Negative HPV and Normal Pap Results…				
Attitude Scale				
Beliefs Scale				
Social Support Scale				
Screening Interval with 3 Normal Paps…				
Attitude Scale				
Beliefs Scale				
Social Support Scale				

Table Shell 4: Mean and standard deviation of provider attitude, belief and social support scales across the four provider survey waves

	Baseline	12 months	36 months	p-value
HPV Testing				
Attitude Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Belief Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Social Support Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Screening Interval with Negative HPV and Normal Pap Results				
Attitude Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Beliefs Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Social Support				
Intervention (mean / sd)				
Control (mean / sd)				
Screening Interval with 3 Normal Paps				
Attitude Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Beliefs Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Social Support				
Intervention (mean / sd)				
Control (mean / sd)				

Table Shell 5: Type of follow-up test or procedure performed for women with positive test results, percent (N)

Type of follow-up test or procedure performed	HPV Pos / Pap Abnormal (N=)	HPV Pos / Pap Normal (N=)	HPV Neg / Pap Abnormal (N=)
Pap test			
HPV DNA test			
Colposcopy / Biopsy			
Treatment (1)			
Other diagnostic procedure (2)			
No follow-up			

(1) Treatment includes cone biopsy conization, cryotherapy, laser ablation, and cold knife cone.
(2) Other diagnostic procedure includes cervical ultrasound, excision of endocervical polyps, cervicography, and endometrial sampling.

Table Shell 7: Percent distribution HPV vaccine attitudes and beliefs, baseline provider survey

	Percent	N
Currently recommend the HPV vaccine		
If YES, recommend HPV vaccine to the following patient.s…		
Females 9-12 years of age		
Females 13-26 years of age		
Females 27 years of age and older		
Males 9-12 years of age		
Males 13-26 years of age		
Males 27 years of age and older		
If NO, plan to recommend the HPV vaccine		

Plan to change cervical cancer screening and management for females who are fully vaccinated with HPV vaccine
    Yes
    No
    Don't know		

How often will you routinely screen for cervical cancer among females that have been fully vaccinated with the HPV vaccine?
    Annually
    Every 2-3 years
    Every 4-5 years
    > 5 years
    Will not be screened
    Unknown		

Will use the HPV test to manage abnormal Pap results for vaccinated		
Patients are asking about HPV vaccination		
Vaccinating female patients will result in…		

Fewer numbers of abnormal Pap tests among vaccinated females
    Agree
    Disagree
    Unsure		

Fewer referrals for colposcopy among vaccinated females
    Agree
    Disagree
    Unsure		

Fewer CIN results
    Agree
    Disagree
    Unsure		