

## Analysis Table Shells

**Table Shell 1: Description of samples at baseline surveys**

	Total	Intervention	Control	p-value	N
<b>Provider-Level</b>					
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)					
<b>Patient-Level</b>					
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	<i>p-value</i>	Total	Intervention	Control	<i>p-value</i>
<b>Patient-Level Measures</b>								
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								
<b>Provider-Level Measures</b>								
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
<b>Clinic-Level Measures</b>				
Intervention Site				
Control Site ( <i>reference</i> )				
<b>Patient-Level Measures</b>				
Age, years				
Race / Ethnicity				
Hispanic				
Black, non-Hispanic				
Other, non-Hispanic				
White, non-Hispanic ( <i>reference</i> )				
Nativity				
Foreign-born				
US-born ( <i>reference</i> )				
Language spoken at home				
English ( <i>reference</i> )				
Other				
Highest level of school				
Less than high school				
High school or GED ( <i>reference</i> )				
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				
<b>Provider-Level Measures</b>				
Type of Provider				
Ob/Gyn ( <i>reference</i> )				
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
<b>HPV Testing</b>				
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)				
<b>Screening Interval with Negative HPV and Normal Pap Results</b>				
Attitude Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Beliefs Scale				
Intervention (mean / sd)				
Control (mean / sd)				
Social Support				
Intervention (mean / sd)				
Control (mean / sd)				
<b>Screening Interval with 3 Normal Paps</b>				
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		
<i>If YES, recommend HPV vaccine to the following patient.s...</i>		
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		
<i>Vaccinating female patients will result in...</i>		
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		