

Table 1. Clinician Demographic and Practice Characteristics

Characteristic	Overall %(n) N=91
What is your gender?	
Male	18.7% (17)
Female	81.3% (74)
What is your ethnicity?	
Hispanic	4.4% (4)
Not Hispanic	95.6% (87)
What is your race?	
White	90.0% (81)
Black or African American	1.1% (1)
Asian	6.7% (6)
More than one race	2.2% (2)
Missing	1
What type of health clinician are you?	
MD/DO	65.9% (60)
Nurse Practitioner	27.5% (25)
Physician Assistant	6.6% (6)
What is your age?	
26-45 years	65.9% (60)
46-64 years	31.9% (29)
65-75 years	2.2% (2)
Please estimate the number of adolescent patients aged 11-17 years you see each week.	
< 20	67.0% (61)
21-30	30.8% (28)
31-40	1.1% (1)
>40	1.1% (1)
Time in practice	
Less than 2 years	15.7% (14)
2 - <5 years	16.9% (15)
5 - <10 years	15.7% (14)
10 or more years	51.7% (46)
Missing	2

Table 2. Changes in Clinicians' Reported HPV Vaccine Recommendation Strength and Communication Approach

Survey Question	Baseline %(n) N=91	Final %(n) N=91	p-value
1. Please tell us how you personally recommend the HPV vaccine for 11-12 year old...			
Females			0.34
Strongly recommend the vaccine	87.9% (80)	92.3% (84)	
Recommend the vaccine, but not strongly	12.1% (11)	7.7% (7)	
Males			0.04
Strongly recommend the vaccine	84.4% (76)	92.3% (84)	
Recommend the vaccine, but not strongly	15.6% (14)	7.7% (7)	
2. Please tell us how you MOST OFTEN start the conversation about HPV vaccine with parents:			<0.01
TELLING the parent(s) that their child will be getting the HPV vaccine without asking their opinion.	11.0% (10)	62.6% (57)	
TELLING the parent(s) that their child will be getting the HPV vaccine and then ASKING their opinion about that shot plan.	31.9% (29)	24.2% (22)	
ASKING the parent(s) what they want to do about the HPV vaccine.	29.7% (27)	5.5% (5)	
I don't know/ None of these options	27.5% (25)	7.7% (7)	
3. Please tell us how you MOST OFTEN respond when parents verbally resist your HPV vaccine recommendation:			<0.01
I provide parents with information about the benefits of childhood vaccines and the risks of being un-immunized.	49.5% (45)	16.5% (15)	
I use personal experience to try and convince them (such as I immunize my own kids or give my experiences of treating vaccine-preventable diseases).	12.1% (11)	1.1% (1)	
I use motivational interviewing techniques, such as showing empathy, partnering with the parents, and exploring the parents' motivation to change their decision.	34.1% (31)	81.3% (74)	
I accept the parent(s) refusal without additional communication efforts/ None of these options.	4.4% (4)	1.1% (1)	