

Table 2. Students' and Faculty Members' Perceptions of their Institutions' Teaching of Human Papillomavirus (HPV)-Related Knowledge and Skills

Instructs Students Well in...	OR (95% CI)	P Value	Faculty	N (%) Agree Students	Year
Aspects of HPV Virology and the HPV Pathogenesis					
Student vs Faculty by year in school	1.9 (1.3 – 2.7)	.0005	69 (42.9%)	489 (56.8%)	
First year		< .0001			27 (11.8%)
Second year	11.0 (6.7 – 18.2)				125 (58.4%)
Third year	46.4 (26.0 – 82.6)				163 (83.6%)
Fourth year	30.5 (17.8 – 52.3)				169 (77.5%)
The Epidemiology and The Clinical Presentation of HPV Infections					
Student vs Faculty by year in school	1.4 (1.0 – 2.0)	.0620	75 (46.6%)	458 (53.2%)	
First year		< .0001			24 (10.5%)
Second year	8.7 (5.2 – 14.5)				107 (50.0%)
Third year	34.0 (19.5 – 59.5)				152 (77.9%)
Fourth year	35.1 (20.2 – 60.9)				171 (78.4%)
Managing Patients with HPV Infections					
Student vs Faculty by year in school	0.9 (0.6 – 1.3)	.5401	63 (39.1%)	309 (35.9%)	
First year		< .0001			10 (4.4%)
Second year	6.4 (3.2 – 13.1)				49 (22.9%)
Third year	27.0 (13.4 – 54.2)				106 (54.4%)
Fourth year	41.5 (20.6 – 83.4)				140 (64.2%)
Which Patients Should be Offered the HPV Vaccine					
Student vs Faculty by year in school	1.1 (0.7 – 1.5)	.7272	85 (55.2%)	461 (54.8%)	
First year		< .0001			30 (13.6%)
Second year	6.4 (3.9 – 10.4)				104 (50.7%)
Third year	16.0 (9.5 – 26.9)				139 (72.8%)
Fourth year	34.8 (20.0 – 60.4)				185 (84.9%)
Risks and Benefits of the HPV Vaccine					
Student vs Faculty by year in school	0.8 (0.6 – 1.1)	.2041	77 (50.7%)	367 (43.6%)	
First year		< .0001			23 (10.4%)
Second year	5.3 (3.1 – 8.9)				77 (37.6%)
Third year	14.5 (8.5 – 24.6)				117 (61.3%)
Fourth year	18.5 (10.9 – 31.3)				146 (67.0%)
Clinical Communication Skills Specific to Vaccines and Vaccine Hesitant/Resistant Patients/Parents					
Student vs Faculty by year in school	1.1 (0.8 – 1.6)	.5035	67 (43.8%)	379 (45.2%)	
First year		< .0001			30 (13.7%)
Second year	4.6 (2.9 – 7.5)				86 (42.0%)
Third year	10.1 (6.2 – 16.5)				116 (60.7%)
Fourth year	13.0 (8.0 – 21.2)				145 (66.5%)
Motivational Interviewing Techniques					
Student vs Faculty by year in school	2.0 (1.4 – 2.8)	.0002	65 (43.0%)	478 (57.8%)	
First year		< .0001			72 (34.0%)
Second year	3.2 (2.1 – 4.8)				123 (60.9%)
Third year	4.0 (2.6 – 6.1)				127 (67.2%)
Fourth year	4.6 (3.1 – 7.0)				152 (69.7%)
How to Address HPV Vaccine Adolescents and Hesitant Parents					
Student vs Faculty by year in school	1.3 (0.9 – 1.9)	.1126	60 (39.5%)	373 (45.2%)	
First year		< .0001			30 (14.2%)
Second year	4.3 (2.7 – 7.0)				83 (41.1%)
Third year	9.8 (6.0 – 16.0)				115 (61.2%)
Fourth year	11.8 (7.3 – 19.1)				142 (65.1%)