1 **APPENDIX**

2 **Table A-1. Participating Physicians by Region in South Korea**

	PCP (n=50)	DERM (n=35)	OB/GYN (n=65)	URO (n=50)	Overall (n=200)
Region					
Busan	6 (12.0%)	5 (14.3%)	9 (13.8%)	9 (18.0%)	29 (14.5%)
Daegu	3 (6.0%)	3 (8.6%)	8 (12.3%)	7 (14.0%)	21 (10.5%)
Daejeon	2 (4.0%)	2 (5.7%)	5 (7.7%)	4 (8.0%)	13 (6.5%)
Gwangju	2 (4.0%)	3 (8.6%)	4 (6.2%)	4 (8.0%)	13 (6.5%)
Seoul	37 (74.0%)	22 (62.9%)	39 (60.0%)	26 (52.0%)	124 (62.0%)
Valid n	50	35	65	50	200

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4 DERM=dermatologist; OBGYN=obstetrician/gynecologist; PCP=primary care physician; URO=urologist

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6 **Table A-2. Target Number Of Clinics Within A Specialty Per City in South Korea**

City	OB/GYN	URO	DERM	PCP	Overall	
	N	N	N	N	N	%
Seoul	37	24	20	31	112	60%
Busan	9	8	4	8	29	15%
Daegu	7	7	3	4	21	11%
Kwangju	4	4	2	3	13	7%
Daejeon	4	4	1	4	13	7%
Total	61	47	30	50	188	100%

7

8 **Table A-3. HIP Questionnaire Scores by Female Patients and selected HPV-related**

9   **diseases in South Korea**

	HPV Disease (n=200)					
	Abnormal Pap (n=50)	Abnormal Pap and HPV positive (n=50)	Precancerous Lesions (n=50)	External GW (n=50)	No HPV Disease (n=50)	Overall
HPV Impact Profile total						
Mean	50.54	52.59	50.69	59.61	44.98	51.69
95% CI	(47.0;	(49.4;	(47.6; 53.8)	(57.2;	(41.4;	(50.2; 53.2)
Valid n	50	50	49	50	50	249
HPV Impact Profile total						
No or little impact	9 (18.0%)	7 (14.0%)	7 (14.0%)		17	40 (16.0%)
Moderate impact	40 (80.0%)	41 (82.0%)	42 (84.0%)	45	30	198
Heavy psychological	1 (2.0%)	2 (4.0%)	1 (2.0%)	5 (10.0%)	3 (6.0%)	12 (4.8%)
Valid n	50	50	50	50	50	250
Worries and concerns						
Mean	52.64	54.20	54.73	67.14	41.94	54.18
95% CI	(46.0;	(48.2;	(49.3; 60.1)	(61.8;	(35.5;	(51.4; 57.0)
Valid n	50	50	49	50	49	248
Emotional impact						
Mean	53.16	56.24	54.37	60.52	42.32	53.32
95% CI	(48.8;	(51.2;	(49.6; 59.2)	(56.3;	(37.8;	(51.2; 55.5)
Valid n	50	50	49	50	50	249
Sexual impact						
Mean	49.30	48.85	51.73	53.30	49.80	50.61
95% CI	(45.7;	(45.6;	(46.6; 56.9)	(49.8;	(45.3;	(48.8; 52.4)
Valid n	50	48	49	50	49	246
Self-Image						
Mean	46.85	49.25	40.20	54.20	45.17	47.16
95% CI	(43.1;	(45.9;	(36.8; 43.6)	(51.2;	(41.4;	(45.5; 48.8)
Valid n	50	50	49	50	50	249
Partner issues and transmission						
Mean	55.42	57.73	51.71	70.07	47.23	56.51
95% CI	(50.0;	(52.5;	(45.8; 57.6)	(66.4;	(41.8;	(54.1; 59.0)
Valid n	48	47	43	47	47	232
Interactions with doctors						
Mean	42.47	47.33	46.26	50.93	45.73	46.55
95% CI	(38.7;	(43.5;	(42.4; 50.1)	(46.8;	(40.8;	(44.7; 48.4)
Valid n	50	50	49	50	50	249
Control - life impact						
Mean	49.33	49.73	49.66	45.20	52.37	49.26
95% CI	(45.5;	(46.3;	(45.9; 53.4)	(40.7;	(49.2;	(47.6; 50.9)

	HPV Disease (n=200)					
	Abnormal Pap (n=50)	**Abnormal Pap and HPV positive (n=50)**	**Precancerous Lesions (n=50)**	**External GW (n=50)**	**No HPV Disease (n=50)**	**Overall**
Valid n	50	50	49	50	50	249

HPV=human papillomavirus; HIP=HPV impact profile; Pap=Papanicolaou test; GW=genital warts; CI=confidence

interval

15 **Table A-4. EQ-5D Descriptive System Results by Female Patients and selected HPV-related Diseases in South Korea**

16 **(excluding control group)**

	Abnormal Pap Result (n=50)	Abnormal Pap Result and HPV positive (n=50)	Precancerous Lesions (n=50)	External GW (n=50)	Overall	P-value
Mobility						
I have no problems walking about	49 (98.0%)	50 (100.0%)	47 (95.9%)	47 (94.0%)	193 (97.0%)	0.3403
I have some problems walking about	1 (2.0%)		2 (4.1%)	3 (6.0%)	6 (3.0%)	
Valid n	50	50	49	50	199	
Self-Care						
I have no problems with self-care	50 (100.0%)	50 (100.0%)	48 (98.0%)	49 (98.0%)	197 (99.0%)	0.6193
I have some problems washing or dressing myself				1 (2.0%)	1 (0.5%)	
I am unable to wash or dress myself			1 (2.0%)		1 (0.5%)	
Valid n	50	50	49	50	199	
Usual Activities						
I have no problems with performing my usual activities	50 (100.0%)	50 (100.0%)	47 (95.9%)	49 (98.0%)	196 (98.5%)	0.1960
I have some problems with performing my usual activities			2 (4.1%)	1 (2.0%)	3 (1.5%)	
Valid n	50	50	49	50	199	
Pain - Discomfort						
I have no pain or discomfort	46 (92.0%)	43 (86.0%)	42 (85.7%)	34 (68.0%)	165 (82.9%)	0.0146
I have moderate pain or discomfort	4 (8.0%)	7 (14.0%)	7 (14.3%)	16 (32.0%)	34 (17.1%)	
Valid n	50	50	49	50	199	
Anxiety - Depression						
I am not anxious or depressed	40 (80.0%)	38 (76.0%)	32 (65.3%)	26 (52.0%)	136 (68.3%)	0.0387
I am moderately anxious or depressed	10 (20.0%)	10 (20.0%)	15 (30.6%)	21 (42.0%)	56 (28.1%)	
I am extremely anxious or depressed		2 (4.0%)	2 (4.1%)	3 (6.0%)	7 (3.5%)	
Valid n	50	50	49	50	199	

17 EQ-5D=EuroQol-5 Dimension; HPV=human papillomavirus; Pap=Papanicolaou test; GW=genital warts

Table A-5. EQ-5D VAS and Utility Scores for Female Patients by selected HPV-related Diseases in South Korea (excluding control group)

	Abnormal Pap (n=50)	Abnormal Pap and HPV positive (n=50)	Precancerous Lesions (n=50)	External GW (n=50)	Overall	p-value
VAS (EQ-5D)						
Mean	74.51	73.78	71.50	68.92	72.18	<0.0001
95% CI	(69.8; 79.2)	(70.0; 77.6)	(66.5; 76.5)	(64.2; 73.6)	(69.9; 74.4)	
Valid n	49	49	42	50	190	
Utility values						
Mean	0.94	0.93	0.89	0.85	0.90	<0.0001
95% CI	(0.9; 1.0)	(0.9; 1.0)	(0.9; 0.9)	(0.8; 0.9)	(0.9; 0.9)	
Valid n	50	50	49	50	199	

EQ-5D=EuroQol-5 Dimension; VAS=visual analog scores; HPV=human papillomavirus;

Pap=Papanicolaou test; GW=genital warts; CI=confidence interval