

Supplementary Tables

TABLE S1. Sociodemographic by cytological report

	Cytology category					
	NoSIL	AGC	ASC-US	ASC-H	LSIL	HSIL
	n =101 (%)	n = 17 (%)	n = 21 (%)	n = 7 (%)	n = 26 (%)	n = 19 (%)
Age (mean ± SD)	41.65 ± 8.98	45.47 ± 8.39	42.48 ± 13.41	45.86 ± 10.73	39.58 ± 11.83	41.21 ± 8.52
Previous smoking						
Yes	1 (0.99)	0 (0)	2 (9.52)	0 (0)	0 (0)	0 (0)
No	100 (99.01)	17 (100)	19 (90.48)	7 (100)	26 (100)	19 (100)
Recent smoking						
Yes	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
No	101 (100)	17 (100)	21 (100)	7 (100)	26 (100)	19 (100)
Multiple sexual partners						
Yes	31 (30.69)	5 (29.41)	8 (38.10)	4 (57.14)	14 (53.85)	14 (73.68)
No	70 (69.31)	12 (70.59)	13 (61.90)	3 (42.86)	12 (46.15)	5 (26.32)
History of STD						

Yes	4 (3.96)	0 (0)	2 (9.52)	0 (0)	2 (7.69)	2 (10.53)
			19		24	17
No	97 (96.04)	17 (100)	(90.48)	7 (100)	(92.31)	(89.47)
Parity						
0	19 (18.81)	3 (17.65)	4 (19.05)	1 (14.29)	4 (15.38)	3 (15.79)
					16	12
1 or 2	64 (63.37)	7 (41.18)	9 (42.86)	5 (71/43)	(61.54)	(63.16)
≥3	18 (17.82)	7 (41.18)	8 (38.10)	1 (14.29)	6 (23.08)	4 (21.05)
Previous contraceptive						
		16	16		17	14
Yes	73 (72.28)	(94.12)	(76.19)	5 (71.43)	(65.38)	(73.68)
No	28 (27.72)	1 (5.88)	5 (23.81)	2 (28.57)	9 (34.62)	5 (26.32)
Recent contraceptive						
Yes	10 (9.09)	0 (0)	4 (19.05)	1 (14.29)	3 (11.54)	4 (21.05)
			17		23	15
No	91 (90.10)	17 (100)	(80.95)	6 (85.71)	(88.46)	(78.95)
HPV vaccination						
Yes	2 (1.98)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
No	99 (98.02)	17 (100)	21 (100)	7 (100)	26 (100)	19 (100)

NoSIL, no squamous intraepithelial lesion; AGC, atypical glandular cells; ASC-US, atypical squamous cells of undetermined significance; ASC-H, atypical squamous cells – cannot exclude HSIL; LSIL, low-grade squamous intraepithelial lesions; HSIL, high-grade squamous intraepithelial lesions; SD, standard deviation; STD, sexually transmitted disease.

TABLE S2. HPV genotypes in p16/ki67 positive samples

Cervical cytology	HPV genotypes	% (n) P16/ki67 positive
NoSIL	Unidentified genotype	100% (1/1)
AGC	HPV 16	100% (1/1)
ASC-US	HPV16	50% (1/2)
	HPV 33 and 66	50% (1/2)
ASC-H	HPV 16 and 70	33.33.% (1/3)
	HPV 16 and 58	33.33.% (1/3)
	HPV 82 subtype IS39	33.33.% (1/3)
LSIL	HPV 16	14.29% (1/7)
	HPV 33	14.29% (1/7)
	HPV 16, 39 and 52	14.29% (1/7)
	HPV 18, 51 and 62	14.29% (1/7)
	HPV 66	14.29% (1/7)
	HPV 70	14.29% (1/7)
	HPV negative	14.29% (1/7)
HSIL	HPV 16	66.67% (8/12)
	HPV 51	8.33% (1/12)
	HPV 58	16.67% (2/12)
	HPV 16 and 39	8.33% (1/12)

NoSIL, no squamous intraepithelial lesion; AGC, atypical glandular cells; ASC-US, atypical squamous cells of undetermined significance; ASC-H, atypical squamous cells – cannot exclude

HSIL; LSIL, low-grade squamous intraepithelial lesions; HSIL, high-grade squamous intraepithelial lesions

TABLE S3. The overview of Pap cytology and surgical pathological results

Surgical pathology results	Pap cytological results						Total
	NoSIL	AGC	ASC-US	ASC-H	LSIL	HSIL	
Normal colposcopic finding	5	0	0	0	2	0	7
AGC	0	11	0	0	0	0	11
ASC-US	0	0	8	0	0	0	8
ASC-H	0	0	0	4	0	0	4
LSIL	4	5	13	3	24	2	51
HSIL	0	1	0	0	0	16	17
Suspected invasion	0	0	0	0	0	1	1
Total	9	17	21	7	26	19	99

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