

Table 1. Age Distribution of the Effective Screening Population in Outpatient Population

Age, (y)	Total, n (%)	Initial screening, n (%)
<25	13,821 (6.18)	13,108 (6.97)
25-65	205,699 (92.02)	171,340 (91.13)
>65	4,013 (1.80)	3,560 (1.89)
Total	223,533	188,008

Two-way Chi-squared test: $p < 0.0001$

Table 2. Age Distribution of the Effective Screening Population in Health Check-up Population

Age, (y)	Total, n (%)	Initial screening, n (%)
<25	669 (1.56)	658 (1.99)
25-65	41,481 (96.44)	31,624 (95.58)
>65	952 (2.21)	804 (2.43)
Total	43,102	33,086

Two-way Chi-squared test: $p < 0.0001$

Table 3. Immediate Histopathological Findings in Outpatient Population Eligible for 1-Year Follow-up Management

History	Current screening results	<25 years old						25-65 years old						>65 years old					
		n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)
			Ne gati ve	CI N 1	CI N 2	CI N3 +			Nega tive	CIN1	CIN 2	CIN 3+			Ne gat ive	CI N1	CI N 2	CI N3 +	
-	HPV-negative LSIL	13	2	2	1	0	0	177	54	27	3	2	1.13	6	3	2	0	0	0
-	HPV-positive NILM	1,937	119	71	7	7	0.36	25,670	2,446	1,126	188	318	1.24	543	75	23	6	12	2.21
HPV-negative	HPV-negative LSIL	1	0	0	0	0	0	7	4	1	0	0	0	0	0	0	0	0	0
HPV-negative	HPV-positive NILM	3	0	2	0	0	0	180	38	13	0	0	0	5	2	0	0	0	0
HPV-negative	HPV-positive ASC-US	1	1	0	0	0	0	47	19	11	0	1	2.13	0	0	0	0	0	0
HPV-negative	HPV-positive LSIL	0	0	0	0	0	0	7	1	6	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-negative ASC-US	2	1	0	0	0	0	82	16	7	0	0	0	4	2	0	0	0	0
HPV-negative ASC-US	HPV-negative LSIL	0	0	0	0	0	0	7	3	2	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-positive NILM	4	1	2	0	0	0	61	9	4	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-positive ASC-US	1	0	1	0	0	0	26	9	8	0	0	0	1	1	0	0	0	0
HPV-negative ASC-US	HPV-positive LSIL	0	0	0	0	0	0	4	1	3	0	0	0	0	0	0	0	0	0
HPV-negative LSIL	HPV-negative ASC-US	0	0	0	0	0	0	4	1	1	0	0	0	0	0	0	0	0	0
HPV-negative LSIL	HPV-negative LSIL	0	0	0	0	0	0	7	3	2	0	0	0	1	0	1	0	0	0
HPV-negative LSIL	HPV-positive NILM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
HPV-positive NILM	HPV-negative NILM	172	1	0	0	0	0	3,474	68	7	1	0	0	23	0	0	0	0	0
HPV-positive NILM	HPV-negative ASC-US	4	1	0	0	0	0	139	23	9	0	0	0	3	1	0	0	0	0
HPV-positive NILM	HPV-negative LSIL	0	0	0	0	0	0	11	4	3	1	0	0	0	0	0	0	0	0
HPV-positive NILM	HPV-negative	38	1	0	0	0	0	792	33	6	1	0	0	4	0	0	0	0	0
Total		2,176	127	78	8	7	0.32	30,697	2,732	1,236	194	321	1.05	590	84	26	6	12	2.03

Table 4. Immediate Histopathological Findings in Health Check-up Population Eligible for 1-Year Follow-up Management

History	Current screening results	<25 years old						25-65 years old						>65 years old					
		n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)
			Ne gati ve	CI N 1	CI N 2	CI N3 +			Nega tive	CIN1	CIN 2	CIN 3+			Ne gat ive	CI N1	CI N 2	CI N3 +	
-	HPV-negative LSIL	0	0	0	0	0	0	69	9	13	0	0	0	4	1	0	0	0	0
-	HPV-positive NILM	117	9	7	0	0	0	4,584	399	198	23	27	0.59	127	7	4	0	0	0
HPV-negative	HPV-negative LSIL	0	0	0	0	0	0	19	1	4	0	0	0	0	0	0	0	0	0
HPV-negative	HPV-positive NILM	6	2	0	0	0	0	385	27	18	2	1	0.26	3	0	0	0	0	0
HPV-negative	HPV-positive ASC-US	1	0	0	0	0	0	33	13	6	1	0	0	1	1	0	0	0	0
HPV-negative	HPV-positive LSIL	0	0	0	0	0	0	11	1	4	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-negative ASC-US	0	0	0	0	0	0	14	1	1	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-negative LSIL	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-positive NILM	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-positive ASC-US	0	0	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-positive LSIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPV-negative LSIL	HPV-negative ASC-US	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
HPV-negative LSIL	HPV-negative LSIL	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
HPV-negative LSIL	HPV-positive NILM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPV-positive NILM	HPV-negative NILM	13	0	0	0	0	0	617	4	0	0	0	0	8	0	1	0	0	0
HPV-positive NILM	HPV-negative ASC-US	0	0	0	0	0	0	21	2	1	0	0	0	0	0	0	0	0	0
HPV-positive NILM	HPV-negative LSIL	0	0	0	0	0	0	4	0	2	0	0	0	0	0	0	0	0	0
HPV-positive NILM	HPV-negative	12	0	0	0	0	0	557	4	2	0	0	0	7	0	1	0	0	0
Total		149	11	7	0	0	0	6,327	462	250	26	28	0.44	150	9	6	0	0	0

Table 5. 1-Year Follow-up Results of Abnormal Screening Findings in Outpatient Population

Screening history		<25 years old							25-65 years old					>65 years old					
Two rounds ago testing	Previous round testing	n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)
			Ne	CI	CI	CI			Nega	CIN1	CIN	CIN			Ne	CI	CI	CI	
			gati	N	N	N3			tive		2	3+			gat	N1	N	N3	
			ve	1	2	+									ive		2	+	
-	HPV-negative LSIL	1	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0
-	HPV-positive NILM	98	6	5	1	0	0	2,067	193	132	18	13	0.63	21	2	3	0	0	0
HPV-negative	HPV-negative LSIL	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
HPV-negative	HPV-positive NILM	0	0	0	0	0	0	22	1	2	0	0	0	1	0	0	0	0	0
HPV-negative	HPV-positive ASC-US	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0
HPV-negative	HPV-positive LSIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-negative ASC-US	1	0	0	0	0	0	10	1	0	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-negative LSIL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-positive NILM	1	0	0	0	0	0	12	0	1	0	0	0	0	0	0	0	0	0
HPV-negative ASC-US	HPV-positive ASC-US	0	0	0	0	0	0	2	0	0	0	0	0	1	1	0	0	0	0
HPV-negative ASC-US	HPV-positive LSIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPV-negative LSIL	HPV-negative ASC-US	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
HPV-negative LSIL	HPV-negative LSIL	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
HPV-negative LSIL	HPV-positive NILM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HPV-positive NILM	HPV-negative NILM	11	0	1	0	0	0	504	25	8	2	0	0	3	0	0	0	0	0
HPV-positive NILM	HPV-negative ASC-US	1	0	0	0	0	0	24	2	1	0	0	0	0	0	0	0	0	0
HPV-positive NILM	HPV-negative LSIL	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
HPV-positive NILM	HPV-negative	3	0	0	0	0	0	123	11	1	1	0	0	0	0	0	0	0	0
Total		117	6	6	1	0	0	2,788	233	146	21	13	0.47	26	3	3	0	0	0

Table 6. 1-Year Follow-up Results of Abnormal Screening Findings in Health Check-up Population

Screening history			<25 years old						25-65 years old						>65 years old					
Two rounds ago testing	Previous round testing	n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	
			Ne gati ve	CI N 1	CI N 2	CI N 3 +			Nega tive	CIN1	CIN 2	CIN 3+			Ne gat ive	CI N1	CI N 2	CI N 3 +		
-	HPV-negative LSIL	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	
-	HPV-positive NILM	13	0	0	0	0	0	732	43	36	4	1	0.14	12	1	1	0	0	0	
HPV-negative	HPV-negative LSIL	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative	HPV-positive NILM	0	0	0	0	0	0	73	2	3	0	0	0	1	0	0	0	0	0	
HPV-negative	HPV-positive ASC-US	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative	HPV-positive LSIL	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative ASC-US	HPV-negative ASC-US	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative ASC-US	HPV-negative LSIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative ASC-US	HPV-positive NILM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative ASC-US	HPV-positive ASC-US	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative ASC-US	HPV-positive LSIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative LSIL	HPV-negative ASC-US	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative LSIL	HPV-negative LSIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative LSIL	HPV-positive NILM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-positive NILM	HPV-negative NILM	1	0	0	0	0	0	127	2	2	0	0	0	1	0	0	0	0	0	
HPV-positive NILM	HPV-negative ASC-US	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-positive NILM	HPV-negative LSIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-positive NILM	HPV-negative	1	0	0	0	0	0	107	2	3	0	0	0	1	0	0	0	0	0	
Total		16	0	0	0	0	0	1,070	49	43	4	1	0.09	15	1	1	0	0	0	

Table 7. Immediate Histopathological Findings in Outpatient Population Eligible for 3-Year Follow-up Management

History	Current screening results	<25 years old							25-65 years old						>65 years old					
		n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	
			Ne gati ve	CI N 1	CI N 2	CI N3 +			Nega tive	CIN1	CIN 2	CIN 3+			Ne gat ive	CI N1	CI N 2	CI N3 +		
-	HPV-negative ASC-US	189	14	6	0	1	0.53	4,300	660	182	4	18	0.42	162	5	3	0	0	0	
HPV-negative	HPV-negative ASC-US	2	1	0	0	0	0	108	2	0	0	0	0	1	0	1	0	0	0	
HPV-negative LSIL	HPV-negative NILM	2	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative LSIL	Cotest negative * 2	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	
HPV-positive NILM	Cotest negative * 2	30	0	0	0	0	0	1,095	22	3	0	0	0	4	0	0	0	0	0	
HPV-positive NILM	HPV-negative	12	0	0	0	0	0	416	9	1	0	0	0	0	0	0	0	0	0	
Total		235	15	6	0	1	0.43	5,948	693	186	4	18	0.30	167	5	4	0	0	0	

Table 8. Immediate Histopathological Findings in Health Check-up Population Eligible for 3-Year Follow-up Management

History	Current screening results	<25 years old							25-65 years old						>65 years old					
		n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	n	Histopathologic results				CIN3 + incidence (%)	
			Ne gati ve	CI N 1	CI N 2	CI N3 +			Nega tive	CIN1	CIN 2	CIN 3+			Ne gat ive	CI N1	CI N 2	CI N3 +		
-	HPV-negative ASC-US	10	1	0	0	0	0	803	45	10	0	0	0	9	1	0	0	0	0	
HPV-negative	HPV-negative ASC-US	3	0	1	0	0	0	266	0	1	0	0	0	1	0	0	0	0	0	
HPV-negative LSIL	HPV-negative NILM	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative LSIL	Cotest negative * 2	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	
HPV-positive NILM	Cotest negative * 2	2	0	0	0	0	0	168	1	0	0	0	0	2	0	0	0	0	0	
HPV-positive NILM	HPV-negative	1	0	0	0	0	0	41	1	0	0	0	0	0	0	0	0	0	0	
Total		16	1	1	0	0	0	1,293	47	11	0	0	0	12	1	0	0	0	0	

Table 9. 3-Year Follow-up Results of Abnormal Screening Findings in Outpatient Population

Screening history			<25 years old						25-65 years old						>65 years old					
Two rounds ago testing	Previous round testing	n	Histopathologic results				CIN3 +	n	Histopathologic results				CIN3 +	n	Histopathologic results				CIN3 +	
			Ne gati ve	CI N 1	CI N 2	CI N 3 +	incid ence (%)		Nega tive	CIN1	CIN 2	CIN 3+	incid ence (%)		Ne gati ve	CI N1	CI N 2	CI N 3 +	incid ence (%)	
-	HPV-negative ASC-US	10	0	2	0	0	0	145	9	2	0	0	0	1	1	0	0	0	0	
HPV-negative	HPV-negative ASC-US	1	0	0	0	0	0	9	2	0	0	0	0	0	0	0	0	0	0	
HPV-negative LSIL	HPV-negative NILM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-negative LSIL	Cotest negative * 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV-positive NILM	Cotest negative * 2	1	0	0	0	0	0	140	8	4	0	0	0	0	0	0	0	0	0	
HPV-positive NILM	HPV-negative	1	0	0	0	0	0	52	1	1	0	0	0	0	0	0	0	0	0	
Total		13	0	2	0	0	0	346	20	7	0	0	0	1	1	0	0	0	0	

Table 10. 3-Year Follow-up Results of Abnormal Screening Findings in Health Check-up Population

[illegible]