

Supplemental Tables

Supplemental Table 1: Demographic Factors for 266 positive HPV infections (HPV 16, 18, 31, 33, 35, 52) included in the qPCR analysis of viral load.

Demographic Factors	Baseline			24 months		
	Control	Intervention	Chi-2	Control	Intervention	Chi-2
Age						
18-24	27	33	0.979	20	0	0.02
25-29	33	45		20	11	
30-35	22	28		22	7	
>35	18	21		12	7	
Marital Status						
Not married	0	0		4	0	0.235
Married	100	127		70	25	
Number sex partners in last year						
1	43	59	0.124	38	10	0.191
2+	57	68		36	15	
Condom use with current sex partner						
Currently using	13	11	0.548	16	4	0.597
Not using	58	75		30	13	
No current sex partner	29	41		28	8	
Wash genitals after intercourse						
Wash	.	.		61	25	0.025
Don't wash	.	.		13	0	
Number of times had intercourse in the past 7 days						
0	7	27	0.003	21	3	0.38
1	24	16		10	3	
2-4	62	69		38	17	
5 or more	7	15		5	2	

Supplemental Table 2: Number of HPV-positive infections detected for each of the 36 Linear Array Genotypes in men tested at Baseline (N=972) and 24 months (888)

Genotype	N infections at Baseline (% of total baseline infections)	N infections at 24 Months (% of total 24 month infections)
6	71 (5.4)	18 (3.2)
11	71 (5.4)	9 (1.6)
16	63 (4.8)	29 (5.2)
18	34 (2.6)	31 (5.5)
26	15(1.1)	4 (0.7)
31	41 (3.1)	9 (1.6)
33	20 (1.5)	9 (1.6)
35	37 (2.8)	11 (2.0)
39	33 (2.5)	11 (2.0)
40	22 (1.7)	12 (2.1)
42	43 (3.3)	13 (2.3)
45	45 (3.4)	6 (1.1)
51	62 (4.7)	22 (3.9)
52	50 (3.8)	14 (2.5)
53	35 (2.7)	23 (4.1)
54	56 (4.2)	23 (4.1)
55	28 (2.1)	12 (2.1)
56	19 (1.4)	7 (1.3)
58	46 (3.5)	20 (3.6)
59	34 (2.6)	25 (4.5)
61	47 (3.6)	28 (5.0)
62	71 (5.4)	37 (6.6)
64	3 (0.2)	1 (0.2)
66	32 (2.4)	22 (3.9)
67	8 (0.6)	7 (1.3)
68	31 (2.4)	21 (3.8)
69	12 (0.9)	8 (1.4)
70	23 (1.7)	8 (1.4)
71	9 (0.7)	6 (1.1)
72	2 (0.2)	6 (1.1)
73	38 (2.9)	15 (2.7)
81	32 (2.4)	16 (2.9)
82	43 (3.3)	6 (1.1)
83	42 (3.2)	32 (5.7)
84	53 (4.0)	15 (2.7)
390	5 (0.4)	4 (0.7)
6108	43(3.3)	20 (3.6)
Total	1,319	560

Supplemental Table 3: Distribution of Linear Array band intensity for all HPV-positive infections (N= 1251) across trial arms at baseline and 24 months.

LA Band Intensity Distribution						
Intensity	Baseline			24 months		
	Control	Intervention	Total	Control	Intervention	Total
1 (lowest positive)	196	205	401	103	59	162
2	150	171	321	89	41	130
3	156	134	290	78	34	112
4 (highest positive)	126	181	307	124	32	156
Total	628	691	1,319	394	166	560

Supplemental Table 4: Change in Linear Array band intensity for all infections detected both at both baseline and 24 months

Change in LA band intensity from baseline to 24 months ^a	Control Arm	Intervention Arm	Total
-3	2	1	3
-2	7	3	10
-1	12	5	17
0	26	11	37
1	18	5	23
2	6	3	9
3	2	0	2
Total N	73	28	101

Mean band intensity change from baseline to 24 months by trial arm

	Mean Change in Intensity	[95% Conf. Int]	P> t
Control arm	0.05	-0.24 – 0.35	
Intervention arm	-0.12	-0.57 - 0.46	0.57

^aChange in intensity = (Band intensity at baseline visit – Band intensity at 24 month visit)