

**Appendix 1.** Block Algorithm for the Text Messages Based on HPV Status, VIA Status, and Receipt of Treatment.

	HPV POSITIVE	HPV NEGATIVE
VIA POSITIVE, <i>untreated</i>	SMS: “Your cancer screening test was abnormal. Please come to the Cervical Cancer Prevention Clinic at MRRH as soon as possible for follow-up.”	SMS: 1. “Your screening test was normal. You do not need any follow-up now, but may need repeat screening in 1 -5 years.” 2. “Please remember to keep your appointment at the Cervical Cancer Prevention Clinic at MRRH as soon as possible for follow-up.”
VIA POSITIVE, <i>treated</i>	SMS: 1. “Your cancer screening test was abnormal. Please come to the Cervical Cancer Prevention Clinic at MRRH as soon as possible for follow-up.” 2. “Please remember to keep your appointment at the Cervical Cancer Prevention Clinic at MRRH as soon as possible for follow-up.”	SMS: 1. “Your screening test was normal. You do not need any follow-up now, but may need repeat screening in 1 -5 years.” 2. “Please remember to keep your appointment at the Cervical Cancer Prevention Clinic at MRRH as soon as possible for follow-up.”
VIA NEGATIVE	SMS: “Your cancer screening test was abnormal. Please come to the Cervical Cancer Prevention Clinic at MRRH as soon as possible for follow-up.	SMS: “Your screening test was normal. You do not need any follow-up now, but may need repeat screening in 1 -5 years.”

**Appendix 2.** Structured Post Screening Assessment Comparing Screening with VIA vs. Self-Collected HPV Swabs.

**A. Experience with Self Sampling (%)**

	N	Response				
		1	2	3	4	5
		n (%)	n (%)	n (%)	n (%)	n (%)
Embarrassment felt during screening (1=very embarrassed, 5=not at all embarrassed)	156	5 (3.21)	2 (1.28)	2 (1.28)	6 (3.85)	141 (90.4)
Pain felt during screening (1=severe discomfort, 5=no discomfort)	155	9 (5.81)	10 (6.45)	14 (9.03)	28 (18.1)	94 (60.7)
Confidence that screen performed correctly (1=not at all confident, 5=very confident)	153	1 (0.65)	2 (1.31)	2 (1.31)	12 (7.84)	136 (88.9)
Ease of performing screening during health fair (1=not that easy, 5=very easy)	156	0	2 (1.32)	8 (5.13)	34 (21.8)	112 (71.8)
Likelihood to recommend screening (1=very unlikely, 5=highly likely)	156	1 (0.64)	1 (0.64)	2 (1.28)	29 (18.6)	123 (78.9)

**B. Experience with VIA (%)**

	N	Response				
		1	2	3	4	5
		n (%)	n (%)	n (%)	n (%)	n (%)
Embarrassment felt during screening (1=very embarrassed, 5=not at all embarrassed)	151	23 (15.2)	23 (15.2)	16 (10.6)	26 (17.2)	63 (41.7)
Pain felt during screening (1=severe discomfort, 5=no discomfort)	149	31 (20.8)	30 (20.1)	33 (22.2)	32 (21.5)	23 (15.4)
Confidence that screen performed correctly (1=not at all confident, 5=very confident)	146	1 (0.68)	1 (0.68)	11 (7.53)	61 (41.8)	72 (49.3)
Ease of performing screening during health fair (1=not that easy, 5=very easy)	149	8 (5.37)	7 (6.04)	27 (18.1)	65 (43.6)	42 (28.2)
Likelihood to recommend screening (1=very unlikely, 5=highly likely)	151	8 (5.30)	5 (3.31)	7 (4.64)	67 (44.4)	64 (42.4)