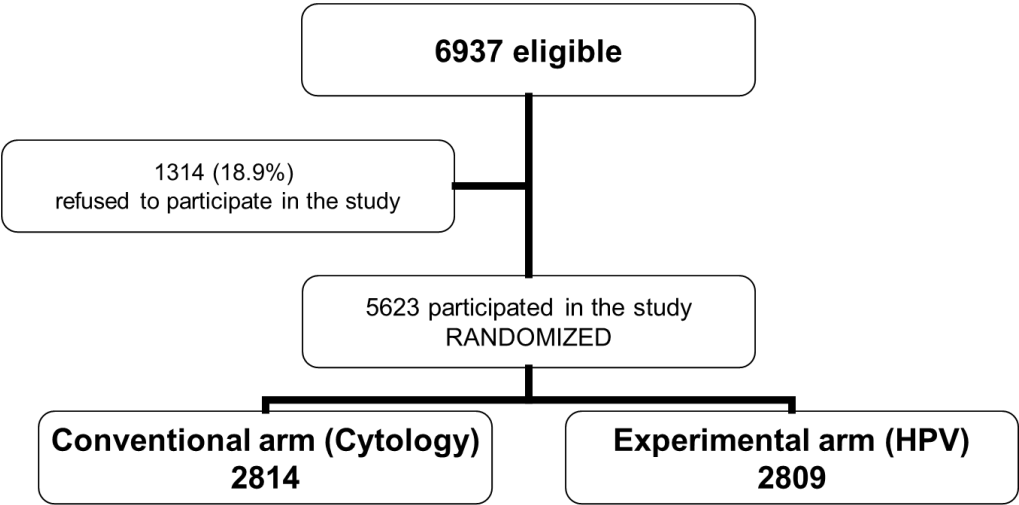
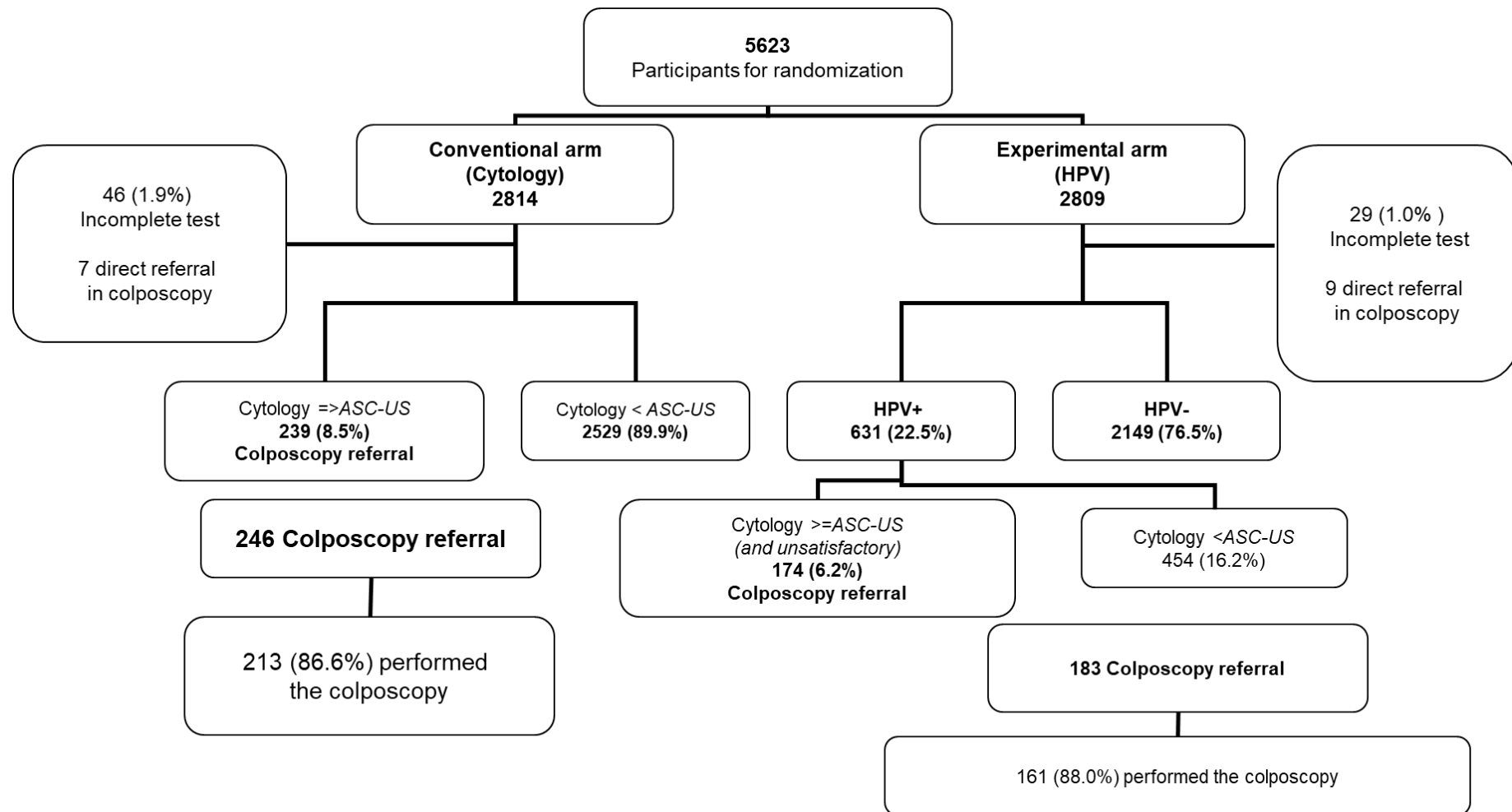


Participant Flow:

Enrollment period: November 2018-November 2019



Baseline Characteristics:



Outcome Measures:

Results regarding recruitment data are reported considering colposcopy referral and Detection Rate.

	Colposcopy referral	Women	Referral rate % (95%CI)
Conventional arm (cytology)	246	2814	8.7 (7.7-9.8)
Experimental arm (HPV)	183	2809	6.5 (5.5-7.3)

At recruitment, a significant reduction in the immediate colposcopy referral was seen in the experimental arm (RR 0.73; 95%CI 0.60-0.89).

	Cin2+	Cin3+	DR CIN2+ *1000 (95%CI)	DR CIN3+ *1000 (95%CI)
Conventional arm (cytology)	54	29	19.2 (14.4-25.0)	10.3 (6.9-14.7)
Experimental arm (HPV)	45	26	16.0 (11.7-21.3)	9.3 (6.1-13.5)

No significant differences between arms were observed at baseline for DR CIN2+ (RR 0.83; 95%CI 0.56-1.24), and DR CIN3+ (RR 0.90; 95%CI 0.53-1.53).

Follow up will allow determining if, among young women, the experimental strategy allows less overall colposcopy referral and lower over-diagnosis of regressive lesions than cytology.

Adverse Events: There were no adverse events associated with this study.