

Supplementary Table S1. Search threads

Search thread	Focus	Search string
Thread 1	Cervical cancer & HPV epidemiology	("cervical cancer" OR "uterine cervical neoplasms") AND ("HPV" OR "human papillomavirus") AND "Kazakhstan"
Thread 2	Screening modalities	("cervical cancer screening" OR "mass screening" OR "early detection") AND ("Pap test" OR cytology OR "HPV testing") AND "Kazakhstan"
Thread 3	HPV self-sampling	("HPV self-sampling" OR "self-collection") AND ("acceptability" OR "uptake") AND "Kazakhstan"
Thread 4	Prevention & vaccination	("HPV vaccination" OR "papillomavirus vaccines") AND ("screening programs" OR "coverage") AND "Kazakhstan"