

Table 1: Challenges to implementation of offers of HPV self-tests, POC testing and colposcopy on a mobile bus at a rural event in Aotearoa New Zealand.

| Challenges to implementation | Reason | Possible solutions |
|---|---|---|
| Lack of internet | <ul style="list-style-type: none"> • Writing medical notes in an internet-dependent patient management system • Checking the national screening register for screening history (eligibility). | <ul style="list-style-type: none"> • Satellite broadband • “Hot-spotting” from cell phone data when possible. Even cell phone network coverage was unavailable in this location, so screening history sometimes relied on self-report. |
| Visibility and identification of the bus by the shearers and public | <ul style="list-style-type: none"> • Public unaware what bus was, why it was there and the service it offered. | <ul style="list-style-type: none"> • Widespread advertising on social media pre-event • Media involvement before event • Signs/posters at the event. |
| Weather—heat, rain, wind | <ul style="list-style-type: none"> • Difficulty with tent for POC testing. | <ul style="list-style-type: none"> • A space (such as a tent) protected from the outside environment to complete registration details and the informed consent process. |
| Dust being blown from the shearing shed | <ul style="list-style-type: none"> • Potential contamination of lab equipment . | <ul style="list-style-type: none"> • Laboratory surface areas and equipment were wiped with a 10% bleach solution regularly and between patients. |
| Privacy | <ul style="list-style-type: none"> • Bus was fully utilised for clinical care, meaning that another space was needed for explaining the services offered, the research and taking medical history. | <ul style="list-style-type: none"> • A separate and private space for consultations before the HPV test and to fully explain in advance the next steps if high-risk HPV is detected. |
| Enabling immediate colposcopy | <ul style="list-style-type: none"> • Lack of knowledge and awareness of what colposcopy was and why it was needed • Looking after children. | <ul style="list-style-type: none"> • Supporting people choosing to have colposcopy on the day means supporting their whanau too: <ul style="list-style-type: none"> • Provision of childcare during the colposcopy appointment • A relaxing, whānau-friendly area for recovery • Offering refreshments after the colposcopy. |
| Separate space needed for POC testing | <ul style="list-style-type: none"> • POC testing was not built into the bus design. | <ul style="list-style-type: none"> • Incorporating and building in POC testing space on bus. |

Figure 1: The mobile bus and POC testing tent.

