



Electronic Vending Machines for HIV Testing

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Barriers to HIV Testing

- Lack of information/knowledge
- Fear of results
- Access
- Stigma

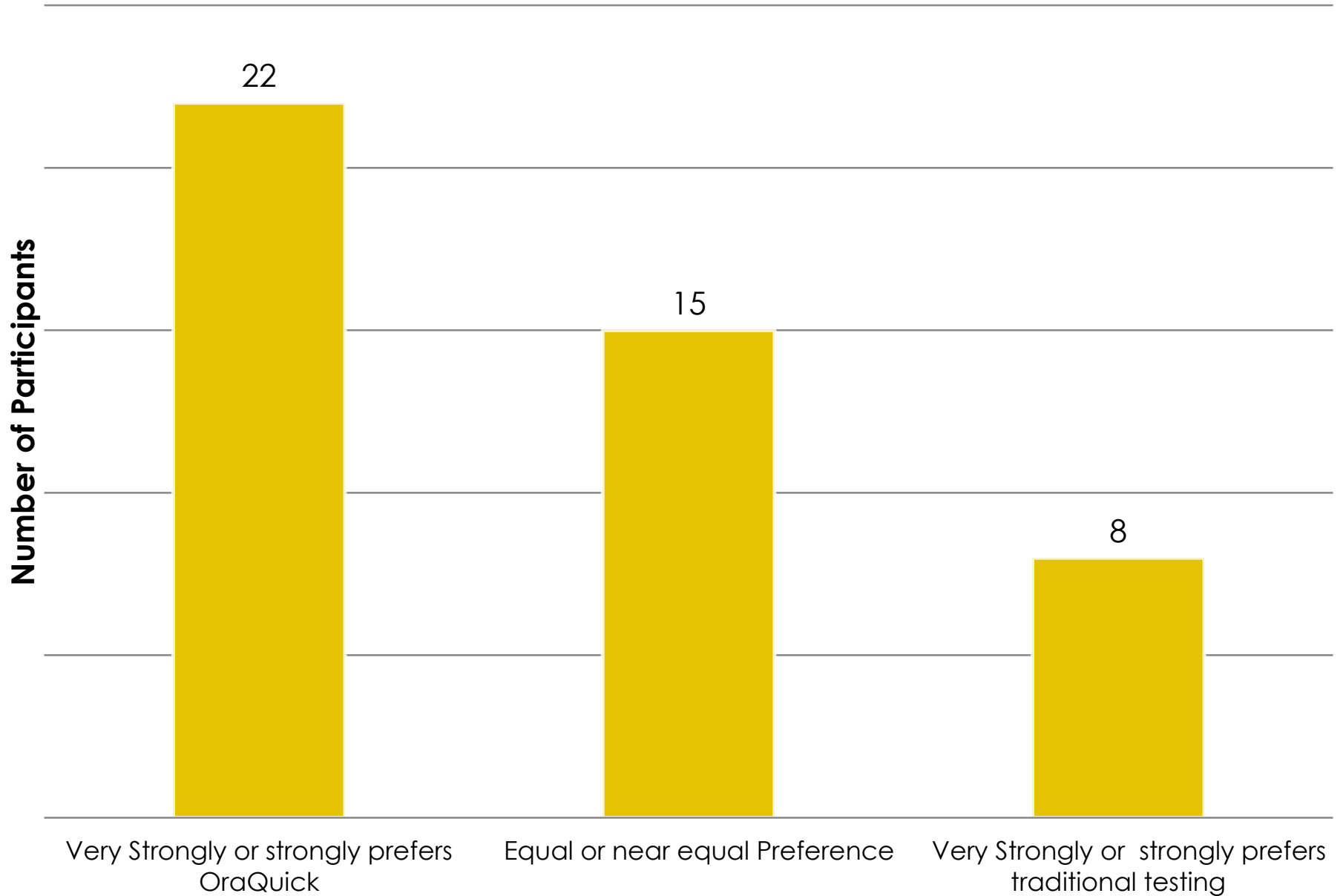


Serostatus Awareness

- Opportunity to reduce new HIV infections
 - 25% are unaware of their HIV infection
 - Half of new HIV cases occur from sero-unaware individuals
- Study showed an HIV test is most acceptable if¹:
 - 1) Done at home
 - 2) Immediate
 - 3) Free



Preference of OraQuick vs Traditional testing:





Oral rapid HIV tests

- Oral test
- Results in 20-40 minutes
- Self-administered
- Private testing experience
- False negatives





Smart electronic vending machines

- Machines offer
 - Online inventory management
 - Alerts when inventory drops
 - Payment through cash, credit card, or PIN number
 - PIN numbers can be created online for access



Study Overview

- Feasible to use vending machines to distribute oral, rapid HIV tests to minority MSM in Los Angeles?
 - Can vending machines be used to distribute HIV tests?
 - What are the concerns with this approach?
 - Who is a good partner to address concerns?
 - Are people willing to use the tests?
 - Do people understand how to use the machines and tests?



Feasibility

- Can vending machines be used to distribute oral, rapid HIV tests
 - Contacted vendors



Potential Concerns

- What are the concerns with this approach?
 - Post-test counseling
 - Understanding of testing methods and results
 - Access to machine locations
 - Security

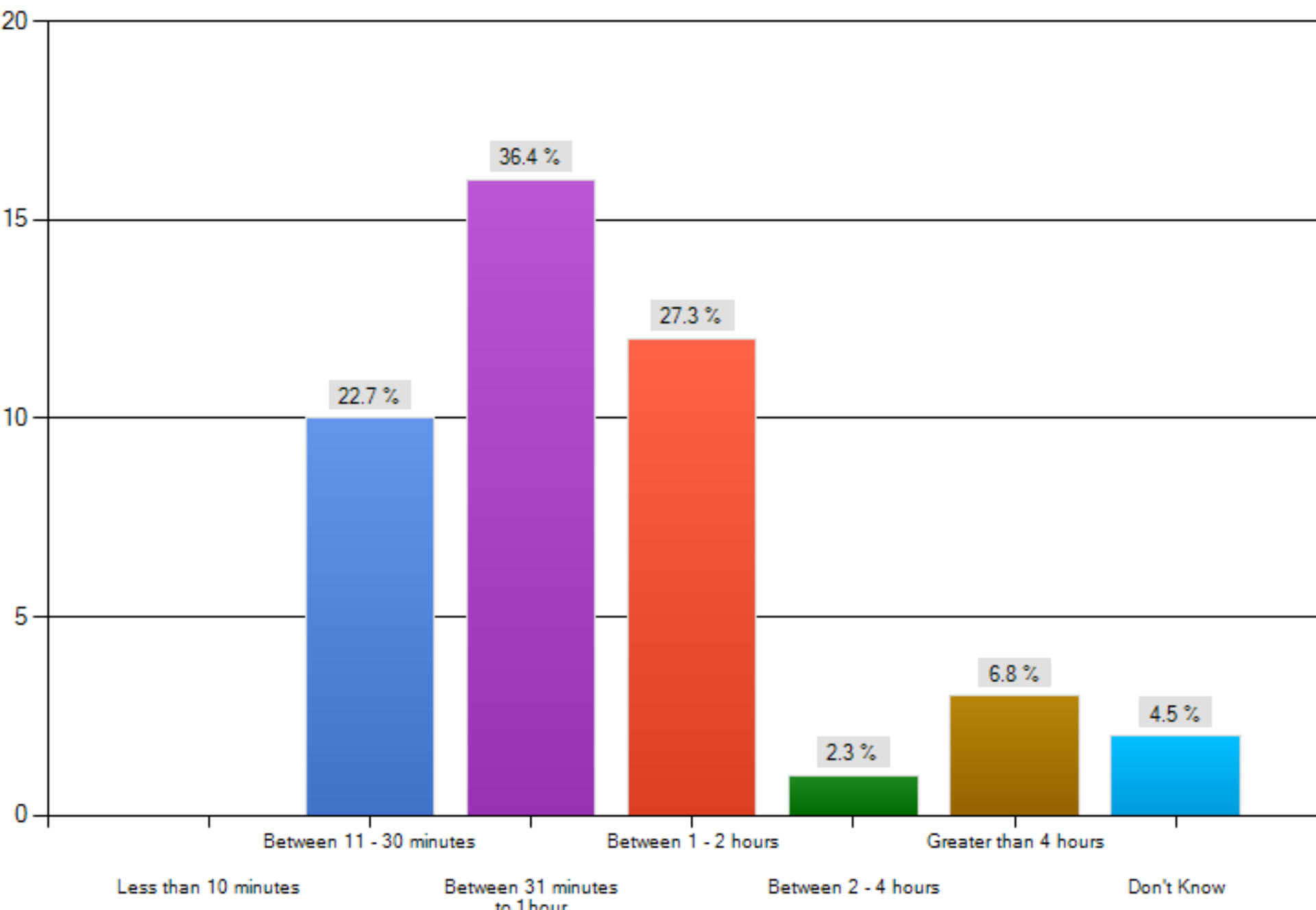


Acceptance and Understanding

- Do people use the tests?
 - 59 vending machine codes were sent
 - 12 kits were dispensed
 - 8 interviews were conducted



How long would it typically take for you to get to this location (east of Blvd at Highland Blvd, LA, CA 90028)?



Conclusion

- Vending machines can be used to distribute oral, rapid HIV tests
- This method has the potential to increase access to testing and reduce stigma
- Initial roll-out would be best for those who:
 - Have low testing rates/access to testing
 - Are interested in technology
 - Want to avoid HIV testing stigma/test in private
- Next Phase
 - Non-testers
 - Choice of testing methods



Thank You!

CFAR

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