HIV Self Testing in Taxi Ranks

South African HIV Clinicians Society Conference

Friday October 26, 2018
Aim

• Providing a supplementary strategy towards achieving the first 90
• Reaching key and under-tested populations
• Increasing HIV testing options
• Using innovative health communication platforms
• Improving index testing
• Improve testing among discordant couples
Target Population

• Men

• AGYW

• Key populations
  • Sex workers
  • MSM
  • PWID
  • Transgender
Rationale

- HIVST PREP
  - Acceptability
  - Willingness to Pay
  - Usability

- DIRECT ACTION
  - Link to Treatment
  - Link to Prevention
  - Triaged out of Health System

- DIRECT IMPACT
  - Health for PLHIV: Reduced Morbidity & Mortality
  - Reduced HIV Transmission & Infections Averted
  - Cost and Time Savings (Health System & Users)

- ADDITIONAL IMPACT
  - Social & Economic
    - Population Productivity & Growth
    - Social Benefit
    - Social Harm
  - Health Systems
    - Efficiency
    - Expanded Coverage
    - Equity of Health

Evidence Available

DIFFERENT POPULATIONS
DIFFERENT CONTEXTS
DIFFERENT GEOGRAPHIES
South African Self-Testing Data

• Ndlovu Health (Limpopo)
  • High usability, concordance, Sens and Spec in rural population

• HSTAR (Gauteng)
  • High usability in Oral Fluid and Finger stick products in Inner City Johannesburg

• iTEACH (Gauteng, Mpumalanga, KZN)
  • High concordance, but low LTC in Truck Drivers

• UCT (Western Cape)
  • High acceptability in MSM, and demonstrated utility of online platforms for sale and distribution

• Anova (North West)
  • High acceptability in MSM
Policy and Advocacy

- South African National Guidelines and TWG
- WHO Guidelines
- Pharmacy Council and Pharmacy Groups
- TAC
- SANAC
- South African Stakeholder Symposium
Social Harm Risk Assessment

- Studies generally report **HIVST can be empowering**
- **Social harm due to HIVST** was not identified in RCTs
- Reports from other studies were limited and did not suggest HIVST increased risk of harm
- In Malawi, two-years of implementing HIVST found no suicides, no self-harm and no cases of IPV.
  - Reports of coercion identified were mostly among men who also reported that they would recommend HIVST
- In Kenya 4 cases of IPV identified - unclear if due to HIVST. (41% of participants reported IPV 12 months prior to intervention).
Implementation Strategy

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<th>Know your epidemic &amp; testing gap</th>
<th>Approaches</th>
<th>Considerations</th>
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<tr>
<td>Couples &amp; Partners</td>
<td>Community-based (outreach, door-to-door)</td>
<td>Facility-based (PITC, drop-in centres)</td>
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<td>Men</td>
<td>VMMC programmes</td>
<td>Workplace programmes</td>
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<td>Key populations</td>
<td>Pharmacies &amp; Kiosks</td>
<td>Integrated in KP Programmes</td>
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<td>Young people</td>
<td>Internet &amp; Apps</td>
<td>Integrated in RHS &amp; Contraceptive Services</td>
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<td>Other At risk populations</td>
<td>Vending machines</td>
<td>Partner-delivered</td>
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Benefits & Risks to Populations
Support tools
Linkage
Increased access
Increased coverage
Distribution Model

- Community Based
- Partner Delivery
- Internet Based
- Peer referral
- VMMC
- Sport Events
Test Kit

- Swab oral mucosa, HIV antibodies
- Results within 20 min
- Instructions translated in 6 languages
- Barcode for tracking and tracing
- User app questionnaire and information tool
- Emergency call line for questions and referrals
- Peer educator led telephonic follow-up and linkage
- Tailored IEC materials and male and female condoms included as part of a comprehensive preventative package
Outcomes
Going forward – What we still need to know

- Learn which distribution models work best in which populations
- Linkage to care – how best to achieve it
- How do we measure Impact against National targets
- The cost effectiveness of this modality
- How best to address social harm concerns
Going Forward – Ultimate Goals

- Distribute 2.2 million HIVST Kits over 2 years
- Test and research different distribution models in order to ascertain which is most effective and has most impact
- Make investment, operational and implementation recommendations to NDOH
- Improve HIV testing, link people to treatment and reduce new HIV infections
Thank You

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