Cataloging the HIV models of care in Maryland

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Agenda

1. Goal and Objectives
2. Background
3. Method
4. Finding
5. Limitation
6. Next Step
7. Questions and Suggestions
Project Goal and Objective

Goal: This project aims to develop and test the methodology and tools needed to identify existing models of care, and designing and testing of data collection tools.

Objective 1: Design separate questionnaires for clients and health service providers (agencies) in both test setting and treatment setting.

Objective 2: Test and gather the feedback from clients and providers, and use qualitative analysis methods to identify service delivery model.
Background
Why study model of care?

- To improve clients' lives
- To improve health system efficiencies and outcomes
- We need to adjust the service delivery model to meet the preferences and need of different populations

LEAVE NO ONE BEHIND

FALSE: ONE SIZE FITS ALL
Identified Current HIV Service Delivery Model

HIV programmes in resource-limited settings in Africa:

- Facility-based individual models
- Out-of-facility individual models
- Health care worker-managed group models
- Client-managed group models

"fast-track" ART refill model Malawi
community drug distribution points, Uganda
adherent club, South Africa
community ART refill groups Zimbabwe
Method
Literature Review

- HIV service delivery model in Africa-- not applicable in the US

- US service delivery model
  - HIV test place: local health department, community-based NGO, clinics, hospital
  - ART treatment: clinics, hospital, or in a rare situation, through telemedicine
Identify Key Population

<table>
<thead>
<tr>
<th>Key population</th>
<th>Incidence/ prevalence</th>
<th>Potential risk factors</th>
<th>Potential outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>High prevalence</td>
<td>Race, SES (income, education, access to care)</td>
<td>Low adherence to ART</td>
</tr>
<tr>
<td>MSM</td>
<td>High prevalence High incidence</td>
<td>Gender, Sexual orientation, Social bias</td>
<td>Low test rate, Low adherence to PrEP, ART</td>
</tr>
<tr>
<td>IDU</td>
<td>High prevalence</td>
<td>Social bias, SES, risky sex</td>
<td>Low adherence to ART</td>
</tr>
<tr>
<td>People born in foreign country</td>
<td>High prevalence</td>
<td>SES (income, education, access to care), language barrier</td>
<td>Low test rate, Low adherence to PrEP, ART</td>
</tr>
<tr>
<td>Young</td>
<td>High Incidence</td>
<td>SES, risky sex</td>
<td>Low test rate, Low adherence to PrEP, ART</td>
</tr>
<tr>
<td>Elderly</td>
<td>High prevalence High incidence</td>
<td>SES (access to care), risky sex</td>
<td>Low adherence to PrEP, ART</td>
</tr>
</tbody>
</table>
Objective 1: Develop Client Questionnaire for Testing

Part I: HIV testing

**Target facility:** CBO, LHD, clinic, hospital, outreach

**Target population:** High incidence population: Young, Elderly, IDU, MSM, black, people born in foreign a country

**Questions in the questionnaire:**

- Potential risk factors of client: age, race, gender, sexual orientation, SES (income, education, access to care), language, disability
- Questions on actual, ideal, and comfortable provider: facility, faculty, age, race, gender, location, operation time
- Question on after test consulting service
Objective 1: Develop Client Questionnaire for Treatment

Part II: HIV treatment

Target facility: Clinic, hospital

Target population: High incidence population: Young, Elderly, IDU, MSM, black, people born in a foreign country

Questions in the questionnaire:

● Potential risk factors of client: age, race, gender, sexual orientation, SES (income, education, access to care), language, disability
● Questions on actual, ideal, and comfortable provider: facility, faculty, age, race, gender, location, operation time
● Questions on types of service: lab test, medical treatment, case management, mental health
Objective 2: Develop Health Provider Questionnaire

Target facility: CBO, LHD, clinic, hospital, outreach agencies

Questions in the questionnaire:

Rationale for what, where, when, and by whom the current services are delivered.

Questions on special locations and timing for different service agencies, use of lay staff members, selection of providers by clients.

Questions on evaluation of the effectiveness of the service delivery models.
Finding
Questionnaires and Feedback

- Shot survey format
- Can be nested in current survey
- Positive feedback
  - Clarity
  - Appropriate
- Critiques
  - Impractical to match client and provider survey (addressed)
  - Insurance is related to service, but hard to address through questionnaires
Limitation
Limitations

- The questionnaires generated were unable to get tested during this internship.
- The provider questionnaire can provide more information if done through an in-person interview.
Next Step
What’s next

● Test the draft questionnaires through conducting focus group interview and introduce changes and adjustment to the questionnaires.
● Test the reviewed questionnaires in a small sample of clients and service provider and make changes and adjustments.
● Collect data using the revised questionnaires.
● Analyze the data and produce a report.
Question & Suggestion
Reference:

Acknowledgement

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