Building a Citywide Network for Prevention Navigation: Year One of New York City’s PlaySure Network

Oral abstract: 5755

Session: First Do No Harm: Addressing Clinician Knowledge and Barriers to Providing PrEP

National HIV Prevention Conference, March 18-21, 2019 Atlanta, GA
Presentation Authors

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- Mohini Persaud
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- Jessica Klajman
- Jaime Martin
- Benjamin Tsoi
- Oni Blackstock
- Demetre Daskalakis

#PLAYSURE
Background
Disparities in PrEP Uptake Emerging by Various Sociodemographic Characteristics

FIGURE. Number of PrEP users by sex and race/ethnicity*—IQVIA Longitudinal Prescription Database, United States, 2016

Abbreviation: PrEP = preexposure prophylaxis.

* Among 32,853 (42%) persons with race/ethnicity data available, among all 78,360 PrEP users identified in 2016;

Huang et al., MMWR 2018.
Barriers to Increased PrEP Uptake

• Lack of risk perception
• Lack of understanding of indications
• Lack of belief in PrEP efficacy
• Concerns about stigma
• Concerns about medication cost
• Fear of reaction from service providers/medical distrust
• Complexity of healthcare system

Sullivan & Siegler, Sexual Health 2018; Peterson et al., AIDS Care 2019.
Barriers to Increased PrEP Uptake

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Sullivan & Siegler, Sexual Health 2018; Peterson et al., AIDS Care 2019.
Introducing… the PlaySure Network

Education/Support

Benefits navigation

Navigation/Network

NYC-Supported Testing Site

PlaySure Network

NYC-Supported CBO

Sexual Health Clinic PrEP Program
People started on PrEP in SH clinics will be referred into the PlaySure Network or to other NYC PrEP providers.

NYC-Supported PEP/PrEP Clinic

#PLAYSURE
Introducing...the PlaySure Network

NYC-Supported Testing Site

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NON-CLINICAL

Sexual Health Clinic PrEP Program
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Sexual Health Clinic PrEP Program
People started on PrEP in SH clinics will be referred into the PlaySure Network or to other NYC PrEP providers.

CLINICAL

NYC-Supported PEP/PrEP Clinic

#PLAYSURE
PlaySure Network Partners – Year 1 (n=27)

La Casa de Salud
Montefiore Medical Center
New York and Presbyterian Hospital
BOOM! Health
H+H Harlem Hospital Center
Housing Works
Safe Horizon
AIDS Center of Queens County
Hetrick-Martin Institute
Voces Latina Corp
Callen-Lorde Community Health Center
Community Healthcare Network
Mount Sinai Medical Center

Latino Commission on AIDS
Planned Parenthood of NYC
Ali Forney Center
Asian and Pacific Islander Coalition on HIV/AIDS
Community Health Action of Staten Island
Haitian Centers Council
SUNY-Downstate
Lesbian, Gay, Bisexual, Transgender Network
William F Ryan Community Health Center
After Hours Project
FACES NY
GMHC
Harlem United Community AIDS Center

#PLAYSURE
A Status Neutral Model for NYC

• Overall: A Holistic, Standardized Approach
  – Embrace client-centered, strengths-based care

• Staffing:
  – Navigators representative of priority populations

• Capacity building:
  – Technical assistance, trainings tailored for service model
  – Conference calls, provider meetings, learning collaboratives
Objective

• Describe service delivery across the PlaySure Network during first full year of data collection
• Use program data to compare the PlaySure Network’s PrEP continuum among the following, high priority populations:
  – Black/Latino men who have sex with men (MSM)
  – Black/Latina cisgender women
  – Transgender individuals
Methods
Methods

• Timeframe: April 2017-March 2018
• Source: Service delivery data collected for contract management/billing, performance evaluation
• Inclusion: Clients engaged and recorded at both clinical and non-clinical sites across 27 sites in Network
  – PrEP-focused sites only
• Analysis: Descriptive statistics on clients and outcomes
Prevention Continuum Steps

Non-Clinical Sites

Engagement (anonymous)
Prevention Continuum Steps

Non-Clinical Sites

Engagement (anonymous)

Received anonymous, standardized, status-neutral screen (24/27 sites)
Prevention Continuum Steps

Non-Clinical Sites

- Engagement (anonymous)
- Enrollment
- Completed an intake assessment
Prevention Continuum Steps

Non-Clinical Sites

Engagement (anonymous) → Enrollment → Education

Received PrEP-related education
Prevention Continuum Steps

Non-Clinical Sites

Engagement (anonymous) → Enrollment → Education → PrEP Linkage

Linked to PrEP (patient or provider report)
Prevention Continuum Steps

Non-Clinical Sites
- Engagement (anonymous)
- Enrollment
- Education
- PrEP Linkage

Clinical Sites
- Engagement (anonymous)
- Enrollment
- Education
- PrEP Rx

Received a PrEP prescription
Prevention Continuum Steps

Non-Clinical Sites (n=15)
- Engagement (anonymous)
- Enrollment
- Education
- PrEP Linkage

Clinical Sites (n=12)
- Engagement (anonymous)
- Enrollment
- Education
- PrEP Rx
Results
### Clients Enrolled in PlaySure Network, 4/17-3/18 (n=4233)

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>n (%)</th>
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<tbody>
<tr>
<td><strong>Gender identity</strong></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>3442 (82)</td>
</tr>
<tr>
<td>Female</td>
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<td>Transgender</td>
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<thead>
<tr>
<th>Race/ethnicity</th>
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<tr>
<td>Black, non-Hispanic</td>
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<td>White, non-Hispanic</td>
<td>1004 (24)</td>
</tr>
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<td>Hispanic/Latino</td>
<td>1560 (37)</td>
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<td>MSM</td>
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<td>Insured</td>
<td>2000 (47)</td>
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<td>Underinsured</td>
<td>178 (4)</td>
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<td>Uninsured</td>
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<tr>
<td><strong>Site type</strong></td>
<td></td>
</tr>
<tr>
<td>Clinical</td>
<td>2211 (52)</td>
</tr>
<tr>
<td>Non-clinical</td>
<td>2022 (48)</td>
</tr>
</tbody>
</table>
Prevention Continuum Steps

Non-Clinical Sites (n=15)
- Engagement (anonymous)
- Enrollment
- Education
- PrEP Linkage

Clinical Sites (n=12)
- Engagement (anonymous)
- Enrollment
- Education
- PrEP Rx

#PLAYSURE
Prevention Continuum Steps

Non-Clinical Sites (n=15)

- **Engagement**: 4950
- **Enrollment**: 2022 (100%)
- **Education**: 1976 (98%)
- **PrEP Linkage**: 604 (30%)
Prevention Continuum Steps

Non-Clinical Sites (n=15)
- Engagement: 4950
- Enrollment: 2022 (100%)
- Education: 1976 (98%)
- PrEP Linkage: 604 (30%)

Clinical Sites (n=12)
- Engagement: 2351
- Enrollment: 2221 (100%)
- Education: 1761 (80%)
- PrEP Rx: 1046 (47%)
Prevention Continuum: Non-Clinical Sites

<table>
<thead>
<tr>
<th>Service</th>
<th>Engagement</th>
<th>Enrollment</th>
<th>Education</th>
<th>PrEP linkage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black/Lat. MSM</td>
<td>33%</td>
<td>60%</td>
<td>60%</td>
<td>78%</td>
</tr>
</tbody>
</table>

- N=4950
- N=2022
- N=1976
- N=604

#PLAYSURE
Prevention Continuum: Non-Clinical Sites

Engagement: N=4950
Enrollment: N=2022
Education: N=1976
PrEP linkage: N=604

- Trans persons
- Black/Lat. Women
- Black/Lat. MSM

#PLAYSURE
Prevention Continuum: Non-Clinical Sites

Engagement: N=4950, 53% of clients
Enrollment: N=2022, 77% of clients
Education: N=1976, 77% of clients
PrEP linkage: N=604, 87% of clients

Legend:
- Trans persons
- Black/Lat. Women
- Black/Lat. MSM

#PLAYSURE
Prevention Continuum: Clinical Sites

% of clients

Engagement: 19%
Enrollment: 39%
Education: 41%
PrEP Rx: 47%

N=2351 N=2211 N=1761 N=1046

#PLAYSURE

Black/Lat. MSM
Prevention Continuum: Clinical Sites

% of clients

Engagement: N=2351
- Black/Lat. Women: 22%
- Black/Lat. MSM: 7%

Enrollment: N=2211
- Black/Lat. Women: 7%
- Black/Lat. MSM: 8%

Education: N=1761
- Black/Lat. Women: 8%

PrEP Rx: N=1046
- Black/Lat. Women: 8%
- Black/Lat. MSM: 8%
Prevention Continuum: Clinical Sites

- Engagement: 3% Trans persons, 4% Black/Lat. Women, 3% Black/Lat. MSM, 4% Other
- Enrollment: 3% Trans persons, 4% Black/Lat. Women, 3% Black/Lat. MSM, 4% Other
- Education: 3% Trans persons, 4% Black/Lat. Women, 3% Black/Lat. MSM, 4% Other
- PrEP Rx: 3% Trans persons, 4% Black/Lat. Women, 3% Black/Lat. MSM, 4% Other

N=2351, N=2211, N=1761, N=1046

#PLAYSURE
Prevention Continuum: Clinical Sites

<table>
<thead>
<tr>
<th>Category</th>
<th>N=2351</th>
<th>N=2211</th>
<th>N=1761</th>
<th>N=1046</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engagement</td>
<td>44</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enrollment</td>
<td></td>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>PrEP Rx</td>
<td></td>
<td></td>
<td></td>
<td>59</td>
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% of clients:

- Trans persons
- Black/Lat. Women
- Black/Lat. MSM
## Clients Enrolled in PlaySure Network

<table>
<thead>
<tr>
<th>Referral source for clinical sites (N=2211)</th>
<th>n (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing client at the agency (in-reach)</td>
<td>504 (23)</td>
</tr>
<tr>
<td>PlaySure Network Site</td>
<td>447 (20)</td>
</tr>
<tr>
<td>Internet search</td>
<td>271 (12)</td>
</tr>
<tr>
<td>Sexual Health Clinic</td>
<td>233 (11)</td>
</tr>
<tr>
<td>PEP Call Center</td>
<td>51 (2)</td>
</tr>
<tr>
<td>Social media</td>
<td>45 (2)</td>
</tr>
<tr>
<td>Outreach event</td>
<td>44 (2)</td>
</tr>
<tr>
<td>Flyer/advertisement</td>
<td>33 (1)</td>
</tr>
<tr>
<td>Word of mouth</td>
<td>18 (1)</td>
</tr>
<tr>
<td>Emergency room</td>
<td>0 (0)</td>
</tr>
<tr>
<td>Other</td>
<td>565 (26)</td>
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</table>

**Referral source for non-clinical sites**

Outreach Event: 21%
Discussion
Summary

• Robust engagement, service delivery across a coordinated network of clinical and non-clinical providers
• Evidence of collaboration across sites
• Service delivery somewhat approximates epidemiologic need
  – Black/Latino MSM are an increasing proportion of clients served across continuum at all sites
  – However, Black/Latina cisgender women and transgender individuals receive a minority of services
  – Additionally, Black/Latina cisgender women appear to “fall off” the continuum at different stages (nonclinical vs. clinical sites)
Limitations

• Underestimate PrEP outcomes at PlaySure Network sites
  – Data only reflect clients “billed” to the Health Dept. grant

• Unable to construct true continua
  – Cannot deduplicate across continua (initial engagement is anonymous)
  – Cannot deduplicate across sites in this analysis (clinical and non-clinical sites perform own intake)
Lessons Learned/Next Steps

• Collaboration possible in a funded network
• Capturing panorama of service delivery complicated by reimbursement model
• Vigorous program improvement efforts underway
  – Improve service delivery to ciswomen and transgender individuals
  – Reduce data burden/streamline service delivery
  – Become more “status-neutral”
Acknowledgements

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