ONE-STOP

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Disease Control
Bureau of HIV Prevention and Control
• Framing the Challenge
• Public Health Moments in HIV
• Vision
• Why STD Clinics in NYC?
• The NYC One Stop Model
• The Role of Ryan White
Ending the Epidemic

• Identifying persons with HIV who remain undiagnosed and linking them to health care
• Linking and retaining persons with HIV to health care, getting them on anti-HIV therapy to improve their health and prevent transmission
• Providing Pre-Exposure Prophylaxis (PrEP) to high-risk persons to keep them HIV-negative.
The NYC Continuum of Care

**Engagement in HIV care**

- **Estimated HIV-infected:** 100%
- **Ever HIV-diagnosed:** 86% of infected
- **Ever linked to HIV care:** 73% of infected
  - 85% of diagnosed
- **Retained in HIV care in 2012:** 55% of infected
  - 74% of linked to care
- **Presumed ever started on ART:** 51% of infected
  - 93% of retained in care
- **Suppressed viral load (≤200 copies/mL) in 2012:** 41% of infected
  - 82% of started on ART
PrEP Cascade (published literature)

- 84% Interacted with Healthcare
- 80% Insured
- 60% Disclosed to Provider
- 57% PrEP Candidate
- 26% Aware of PrEP
- 1% On PrEP

Compiled by Demetre Daskalakis
Public Health vs Longitudinal Care Moments in HIV

- **Public health moments**
- **Longitudinal care moments**
Public Health Moments in HIV Care

• Diagnosis: Acute and Established
• Optimization of Services/Insurance
• Linkage to Care of newly diagnosed
• Start of ARV for some newly diagnosed
• Re-linkage to care for PLWH out of care
• Restarting ARV for PLWH out of care
• Referral to Mental Health Provider
• Referral to Substance Use Help
Longitudinal Health Moments in HIV Care

- Routine monitoring
- General HIV Primary Care
- Management of complex ARV-related issues
- Longitudinal Substance Related Health
- Longitudinal Mental Health
Public Health Moments in HIV Prevention

- Identifying PrEP and PEP candidates
- Optimization of Services/Insurance
- Initiate PrEP medication
- Linkage to longitudinal preventive care provider
- Initiate and support completion of 28 days of nPEP
- PrEP Linkage
- STI treatment and Control
- Condom distribution
- Referral to Mental Health Provider
- Referral to Substance Use Help
Longitudinal Health Moments in HIV Treatment and Prevention

- PrEP monitoring and repeat HIV/STI tests
- General HIV and STI Prevention Focused Primary Care
- Longitudinal Substance Related Health
- Longitudinal Mental Health
**Vision**

- One Stop: combine navigation services, basic medical care, and entitlement specialists
- Start PrEP in NYC DOHMH STD clinics
- Do full course PEP in STD Clinics
- For newly diagnosed and established HIV out of care:
  - Re-linkage to HIV primary care
  - Referral services (mental health, substance use, housing, food)
BSTD Clinics

• BSTD operates STD clinics and HIV Testing and Counseling sites throughout NYC
• Offer confidential testing and treatment for spectrum of STIs
• Provide confidential and anonymous HIV testing and counseling
• All services are free
Why STD clinics?

- Over 88,000 total visits in 2013 (all reasons)
- Direct provision of HIV testing at STD and TB clinics
- 61,916 HIV tests were provided in STD & TB clinics in 2013
- 388 established infections and 44 acute infections were identified
- Total of 1,904 HIV-positive patients visited clinics in 2013
- Overall, 9% of patients were diagnosed with HIV prior to visit and did not disclose their status, based on surveillance data
HIV Diagnoses in DOHMH STD Clinics, 2010-2013

*Data are for all HIV cases diagnosed in NYC STD clinics; male and female, anonymous and confidential testing from NYC DOHMH STD EMR, 2014*
# STD Clinic Stats: Visits

Table: Number of visits to NYC DOHMH BSTD clinics, inclusive of all reasons for visit, 2\textsuperscript{nd} quarter, 2014, compared to 2\textsuperscript{nd} quarter 2013, and full year 2013.

<table>
<thead>
<tr>
<th>Clinic</th>
<th>2014 through 2\textsuperscript{nd} Quarter</th>
<th>2013 through 2\textsuperscript{nd} Quarter</th>
<th>2013 Full Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>(%)</td>
<td>N</td>
</tr>
<tr>
<td>Central Harlem</td>
<td>4328</td>
<td>(10.3)</td>
<td>4448</td>
</tr>
<tr>
<td>Chelsea</td>
<td>9737</td>
<td>(23.2)</td>
<td>10758</td>
</tr>
<tr>
<td>Corona</td>
<td>1825</td>
<td>(4.3)</td>
<td>1976</td>
</tr>
<tr>
<td>Crown Heights</td>
<td>4364</td>
<td>(10.4)</td>
<td>3595</td>
</tr>
<tr>
<td>Fort Greene</td>
<td>6522</td>
<td>(15.5)</td>
<td>7450</td>
</tr>
<tr>
<td>Jamaica</td>
<td>6085</td>
<td>(14.5)</td>
<td>6929</td>
</tr>
<tr>
<td>Manhattanville</td>
<td>3079</td>
<td>(7.3)</td>
<td>2334</td>
</tr>
<tr>
<td>Morrisania</td>
<td>6041</td>
<td>(14.4)</td>
<td>6775</td>
</tr>
<tr>
<td>Richmond\textsuperscript{2}</td>
<td>0</td>
<td>(0.0)</td>
<td>280</td>
</tr>
<tr>
<td>All Clinics</td>
<td>41981</td>
<td>(100.0)</td>
<td>44545</td>
</tr>
</tbody>
</table>

\textsuperscript{1} From May 2010, the Riverside clinic closed for renovations and resumes services in its temporary location at Manhattanville clinic.

\textsuperscript{2} Richmond Clinic closed for patient intake as of June 1, 2013.

## STD Clinic Stats: Syphilis

### Table: Seroreactive syphilis test results for persons attending BSTD clinics, by sex and partner. Rates for 2nd quarter, 2014, compared to 2nd quarter 2013, and full year 2013.

<table>
<thead>
<tr>
<th></th>
<th>2014 through 2nd Quarter</th>
<th>2013 through 2nd Quarter</th>
<th>2013 Full Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RPRs done</td>
<td>Reactive RPRs(^2)</td>
<td>RPRs done</td>
</tr>
<tr>
<td><strong>Female</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>7818</td>
<td>144 (2)</td>
<td>8201</td>
</tr>
<tr>
<td><strong>Male</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>12329</td>
<td>748 (6)</td>
<td>12560</td>
</tr>
<tr>
<td><strong>MSM</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>3296</td>
<td>467 (14)</td>
<td>3401</td>
</tr>
<tr>
<td><strong>MSW(^3)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>6710</td>
<td>207 (3)</td>
<td>7182</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>20147</td>
<td>892 (4)</td>
<td>20761</td>
</tr>
</tbody>
</table>

1. Includes RPR testing from each person's first clinic visit during the interval.
2. Reactive tests are those reactive RPR confirmed by reactive FTA.
3. Men reported sex with women only.

Increasing PEP Access in NYC

• Citywide Referral Network
  – Checklist of site criteria developed; sites provide contact information and formally agree to be listed (website/311)
  – PEP at 30 sites (and PrEP at 24); network still growing

• Pilot in STD Clinics
  – PEP starter pack (3 days) with referral for follow-up
  – Focus on highest risk exposures (e.g., MSM: receptive anal intercourse; anyone: condomless sex with HIV-positive partner)
  – PEP provided to 202 patients at 8 clinics from 4/2014-12/31/2014
SBH Clients Receiving PEP Services
March 2013 - July 2014 (N=303)
PrEP in NYC

Public Health Detailing: PrEP & PEP
- Targeting ~500 practices diagnosing HIV (focus: MSM of color)
- Detailing kit contents:
  - For providers: clinical guidelines pocket cards, FAQs, billing codes, invitation to subsequent workshops/trainings
  - For patients: educational materials, waiting room self-assessment
- Anticipated launch in late October 2014

PrEP Implementation Workshops
- Targeting clinic administrators, medical directors
- One-day workshop providing education and technical assistance
- Create a community of providers to share best practices and solutions
- Scheduled in October and December
The One Stop Model &
The Role of Ryan White
The Basic Model

SERVICE CHECK

BIOMEDICAL EVALUATION AND INTERVENTION

NAVIGATION

Support and Optimize

Screen and Start

Link and Retain
One Stop HIV Continuum Targets

- **Screen**: 100% Estimated HIV-infected
- **Link and Retain**: 86% of infected diagnosed
  - 73% of infected linked to care
  - 55% of infected retained in care
  - 51% of infected presumed ever started on ART
- **Start**: 41% of infected suppressed viral load (≤200 copies/mL) in 2012

Engagement in HIV care
Role of Ryan White

• Early Intervention Services (EIS) funding
  – HIV testing and targeted counseling
  – Referral services
  – Linkage to care
  – Health education and literacy training
    (linkage coordinators/navigators)
## Activities for effective diagnosis, linkage, and engagement in care

<table>
<thead>
<tr>
<th></th>
<th>HIV Testing</th>
<th>Service Check and Referrals</th>
<th>Initial Labs</th>
<th>Clinical CD4/VL testing</th>
<th>Navigation, Linkage and Re-engagement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Community-based organizations</strong></td>
<td>• RW – EIS CDC</td>
<td>• RW-EIS</td>
<td></td>
<td></td>
<td>• RW-EIS</td>
</tr>
<tr>
<td><strong>Hospital / clinical settings and STD clinics</strong></td>
<td>• Medicaid Private insurance CDC</td>
<td>• RW-EIS</td>
<td>• Medicaid ADAP ADAP-Plus</td>
<td>• Medicaid ADAP ADAP-Plus</td>
<td>• RW-EIS</td>
</tr>
</tbody>
</table>
HIV Care Continuum Dashboards (CCD)

- Facility-specific data provided to key members of the organization (CEO, CMO, Clinic Medical Director) regarding timely linkage to care of newly diagnosed patient and viral load suppression among patients in care for that particular facility
- December 2012: first release of CCD to 21 sites; biannually since
- 2014 releases: increase in number of sites receiving CCDs
  - June: 35 sites
  - December: 46 sites (67% PLWHA in NYC)
HIV Care Continuum Dashboards (CCD)

HIV Care Continuum Dashboard (CCD), 2013

CDD Site* Performance Rank Plot: Viral Load Suppression Among Patients in Care†

2013 CCD Site Mean: 76%
Goal: 85%*n

*CCD sites (N=46) with 2150 patients “in care” in 2013 based on NYC HIV Registry data
†In care based on the Health Resources and Services Administration definition of retention:
2 labs (CD4 or viral load) at least 90 days apart within 12 months
*Local New York City goal
The Extended NYC Continuum of Care

Engagement in HIV care:

- Estimated HIV-infected: 100%
- Ever HIV-diagnosed: 86% of infected
- Ever linked to HIV care: 73% of infected, 85% of diagnosed
- Retained in HIV care in 2012: 55% of infected, 74% of linked to care
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Continuum of HIV Prevention & Care (Theoretical)

% persons at epidemiologic risk

- On PrEP
- Discussed PrEP with Doctor
- Sexual history taken
- Linked to clinical prevention
- High behavioral risk
- At epidemiologic risk
- Estimated HIV-infected
- Ever linked to HIV care
- Retained in HIV care
- Presumed ever started on ART
- Suppressed viral load

HIV-negative

HIV-positive
Thank You

Questions and Discussion