

PCSI In Action Not Inaction: Update from the PCSI Demonstration Projects

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CHPP for HD Grantee Orientation Meeting
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No conflicts of interest



Overview of Discussion

- ❑ What is PCSI and why is it important
- ❑ Overview of the PCSI demonstration projects
- ❑ Progress made and lessons observed
- ❑ Tools and by products

WHAT IS PCSI AND WHY IS IT IMPORTANT?

What is PCSI?

Program Collaboration and Service Integration (PCSI)

- A structural intervention to improve synergies between prevention programs and to provide more holistic integrated services to clients

Why is PCSI Important?

The Changing Health System Landscape

- ❑ Funders are demanding rigorous evidence that investments in interventions improve health outcomes
- ❑ Public health programs are being asked to maximize efficiencies based on most cost-effective, highest impact and feasible approaches
- ❑ Public health programs are being asked to develop a business case for investment
- ❑ Declining public health infrastructure
- ❑ Competing priorities

OVERVIEW OF THE PCSI DEMONSTRATION PROJECTS

PCSI Goals

- ❑ To create system-level/structural changes that
 - Increase collaboration across HD programs
 - Streamline activities and decrease the duplication of efforts across HD programs
 - Increase the delivery of integrated services
- ❑ By creating
 - Forums for collaboration
 - Mechanisms that facilitate data sharing
 - Resources, tools and strategies that facilitate the integrated service deliver

PCSI Structures

- ❑ PCSI Team
 - Champions at high level HD
 - Staff: coordinator and data analyst
- ❑ PCSI Committees and Workgroups
 - Steering Committee
 - Data Advisory Committee
 - Training/Outreach Workgroup
 - Community Advisory Committee
- ❑ PCSI Partners/Stakeholders
 - Internal
 - External

NYC Internal Partners

- Bureau of Maternal, Infant and Reproductive Health
- District Public Health Offices
- Division of Health Planning/HCAI
- Division of Informatics and Information Technology (DIIT)
- Bureau of Correctional Health
- Bureau of Drug and Alcohol Prevention, Care and Treatment
- Bureau of Epidemiology Services
- Primary Care Information Project



NYC External Partners

- Federally Qualified Health Centers (FQHCs)
- Syringe Exchange Programs (SEPs)
- Community Task Forces and Coalitions
- NYS Department of Health (NYS AIDS Institute)
- Mayor's Office of Immigrant Affairs
- NYC Department of Homeless Services
- Harm Reduction Coalition (HRC)



PCSI Activities

- ❑ PCSI program collaborations
 - Leveraging others and other resources
- ❑ PCSI registry matching
 - Co-infections
 - Temporal relationships to identify risk groups
 - Geocoding of syndemics
- ❑ Environmental scan of guidelines, practices, policies and laws

PCSI Activities

- PCSI health care assessments
 - STD, TB and HCV screening and HBV vaccination in HIV care settings
 - HIV and HCV screening and HBV vaccination in STD clinics
 - HIV and HCV screening and HBV vaccination in TB clinics
 - HIV, STD, TB and HCV screening and HBV vaccination in primary care clinics, drug treatment, LGBT health centers, HIV prevention programs, prenatal, correctional settings
- Design interventions to increase collaboration and service integration
 - Billing for services
 - IT solutions
 - Legislative changes

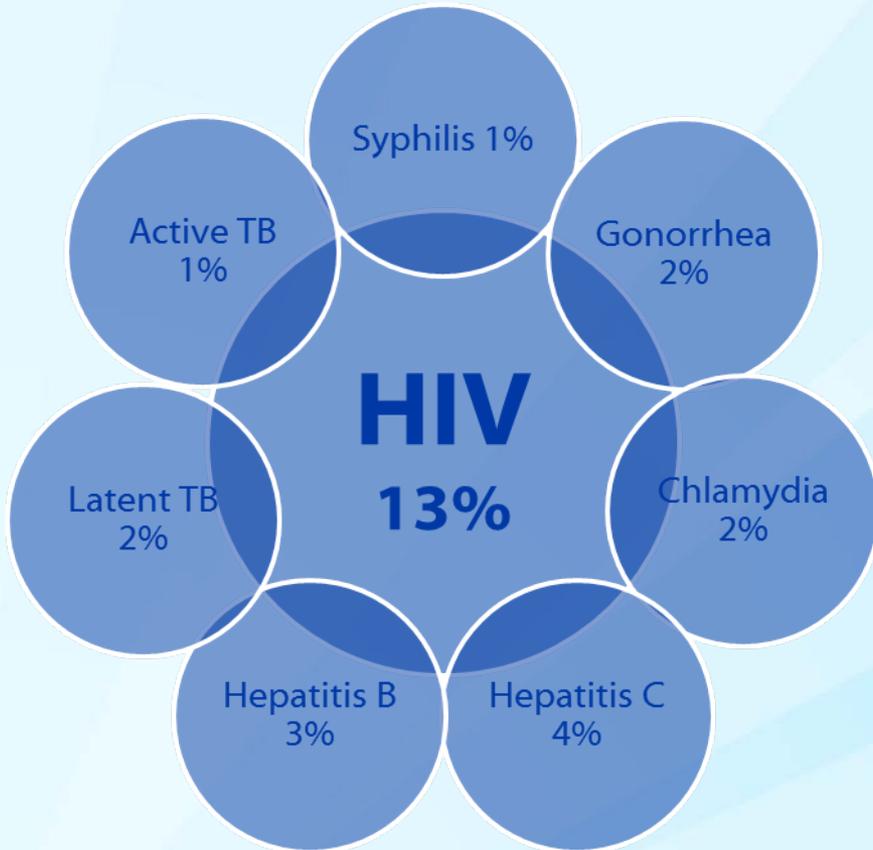
PCSI Activities

□ PCSI Evaluation

- Mixed methods model
 - Qualitative and quantitative data collection
 - Participatory evaluation model
- Logic model
- Evaluation matrix
- Sample service integration indicators
- Collaboration assessment rubric

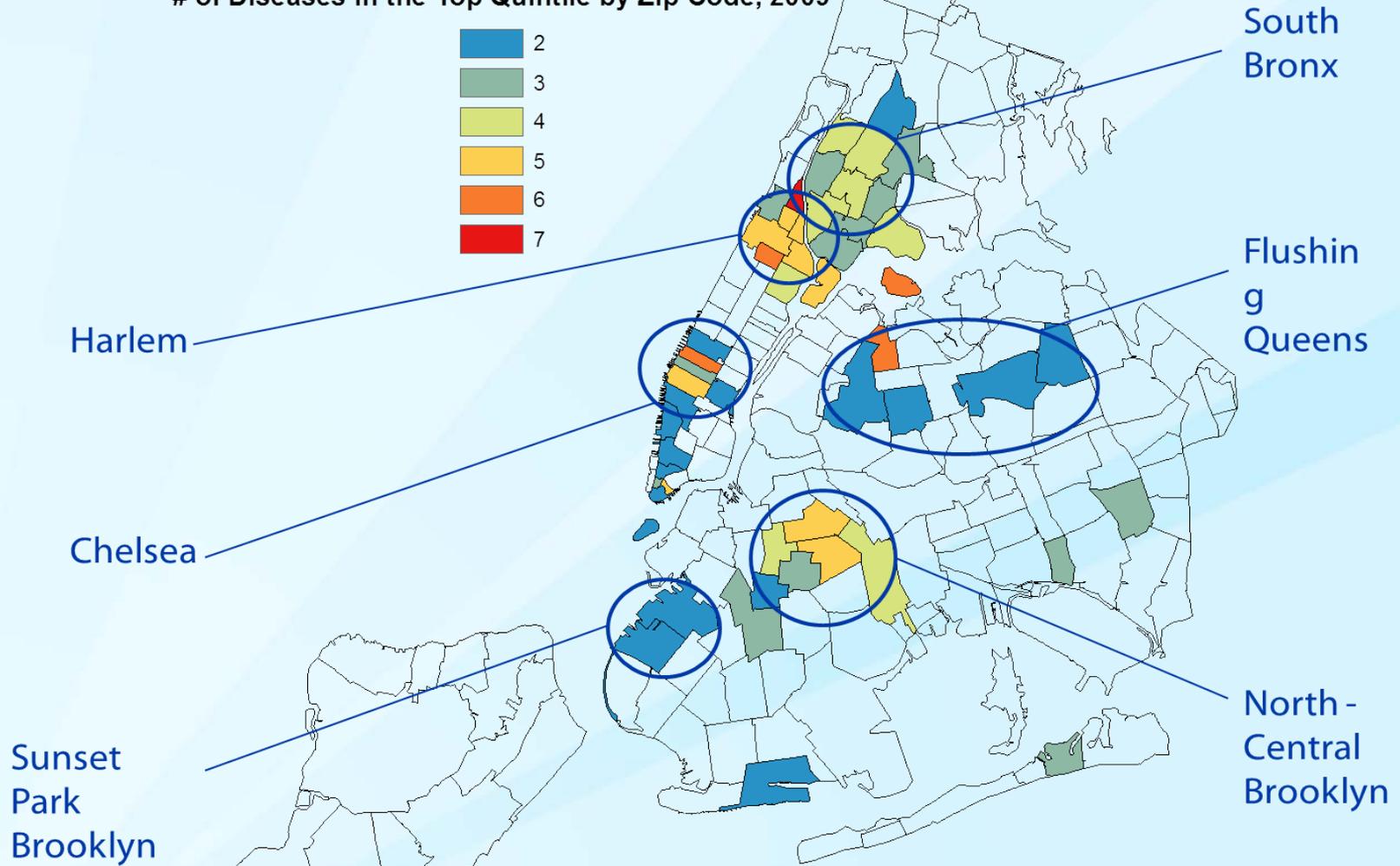
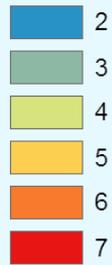
PROGRESS MADE AND LESSONS OBSERVED

Visualizing Syndemics



- Based on registry matches, the extent of patient-based overlap between diseases of interest can be directly assessed
- Identifying populations at risk for multiple diseases is critical for integrating preventive services at the point of care

of Diseases in the Top Quintile by Zip Code, 2009



0 2.5 5 10 Miles
NYC DOHMH PCSI Initiative

2

16

Source: 2009 NYC DOHMH surveillance data

Lessons Observed

- ❑ More effective structure may be when champion is at a high level and PCSI coordinators are not embedded in one of the PCIS programs
- ❑ Data sharing can happen if leadership
 - Many have migrated all data into one HD system
 - IT is a big challenge
- ❑ Temporal relationship of infections are important in addition to identifying syndemics

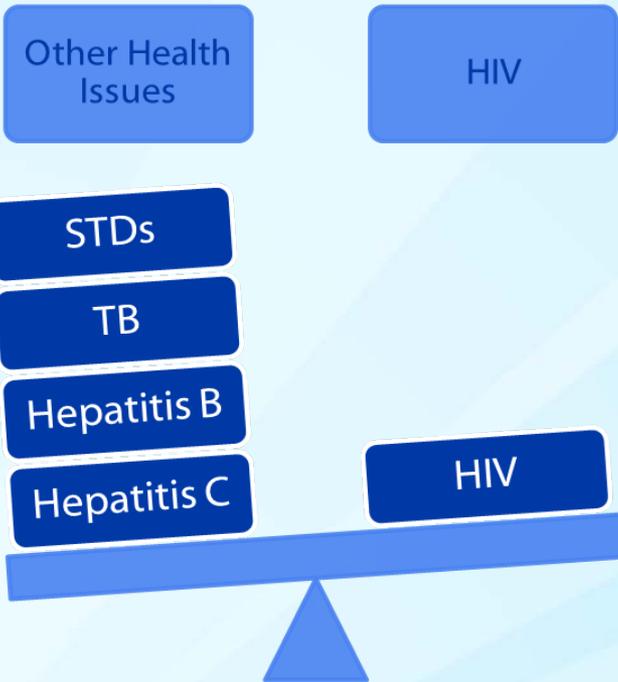
Lessons Observed

- ❑ Extra-genital screening for GC/CT in gay or other MSM is uncommon
- ❑ Population- based health services assessments and safety net gap analyses are uncommon in HD
- ❑ Service integration will not scale up if only federal grants are used
 - Billing third party payers is a PCSI goal
 - Use federal grants for most vulnerable populations by reprioritizing low impact screening activities

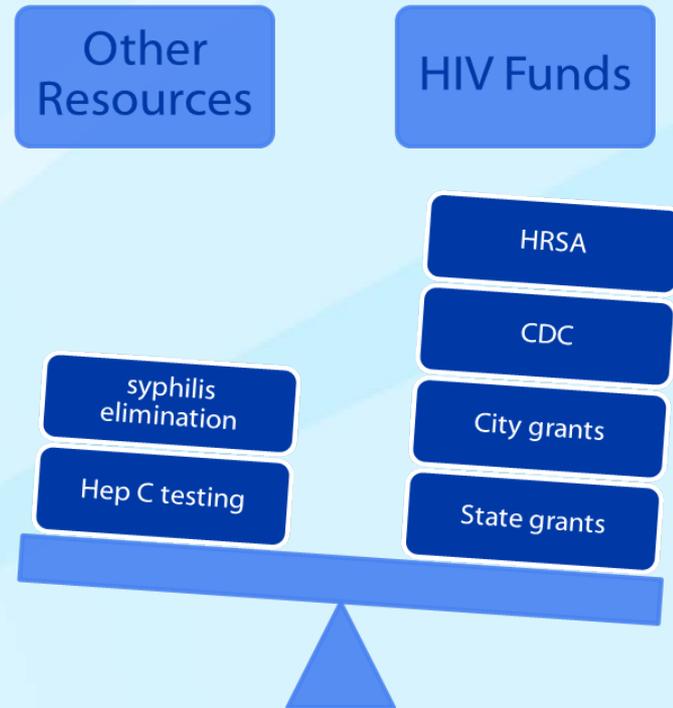
“This PCSI grant is significantly changing the way our HD operates for the better and we initially were not intending to apply because \$350,000 did seem worth the effort”

NYC Status: CBO Service Integration

Client Needs



Funding



NYC DOHMH PCSI Initiative

TOOLS AND BY PRODUCTS

PCSI Tools and By Products

- ❑ PCSI Assessment and Planning Tool
- ❑ Data matching algorithms and geocoding toolkit
- ❑ Integrated screening recommendations by populations for providers
- ❑ Summary of PCSI billing codes for providers
- ❑ Evaluation Planning Tools



**Take Action – Stop the Spread
STI VACCINATION GUIDELINES
For sexually active patients**

Most of the recommendations in this document are derived from the 2010 CDC Sexually Transmitted Disease Treatment Guidelines unless otherwise noted.
Abbreviations used: MSM=men who have sex with men; WSW=woman who have sex with women; PLWHA = persons living with HIV and AIDS; CT=Chlamydia trachomatis; GC=Neisseria gonorrhoea; HPV=Human Papillomavirus; BV=Bacterial Vaginosis; RA = Receptive Anal Intercourse.

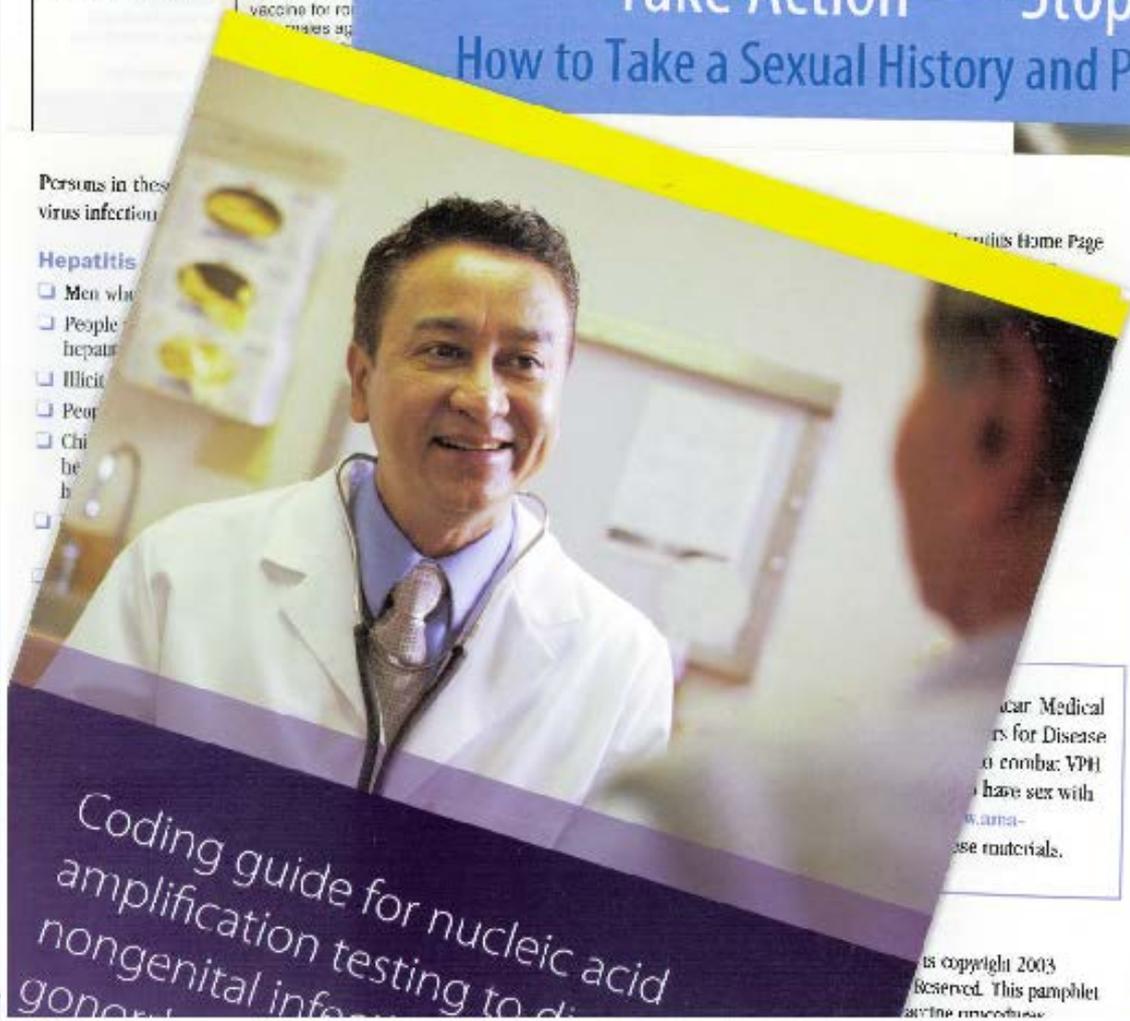
**Take Action — Stop the Spread
How to Take a Sexual History and Provide Brief Counseling**

	WOMEN
HPV VACCINE	Quadrivalent vaccine for women ages 9-26

Persons in these virus infection

Hepatitis

- Men who have sex with men
- People with hepatitis B
- Illicit drug use
- People with HIV
- Children of hepatitis B carriers
-
-



Coding guide for nucleic acid amplification testing to detect nongenital infections

American Medical Association
Physicians dedicated to the health of America



Coding Guidelines for Vaccine-Preventable Hepatitis (VPH)

High-risk populations, including men who have sex with men

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Thank you!

Questions?

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