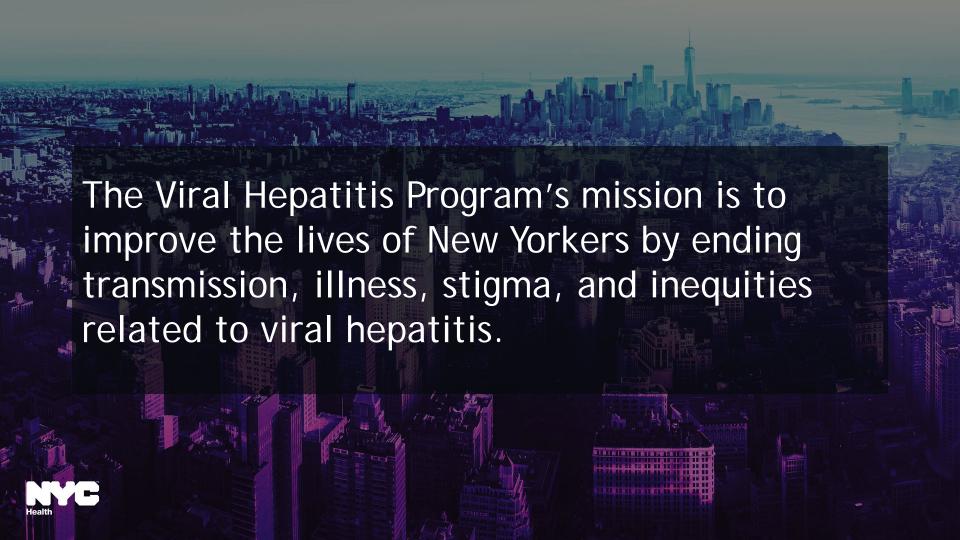


Viral Hepatitis Updates: Programs, Policy, and Accomplishments in New York City

Tristan D. McPherson, MD (he/him)

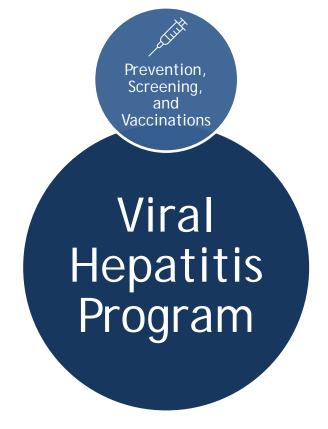
Medical Director, Viral Hepatitis Program
Bureau of Hepatitis, HIV, and Sexually Transmitted Infections

Envisioning a New York City without transmission or illness related to viral hepatitis, HIV, and sexually transmitted infections

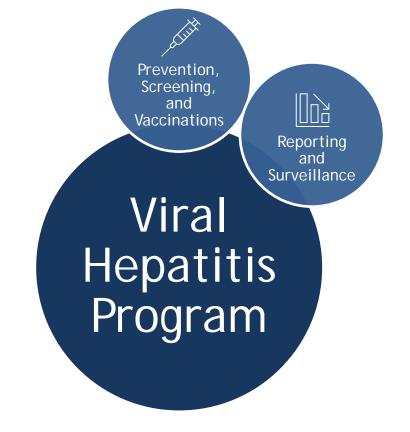




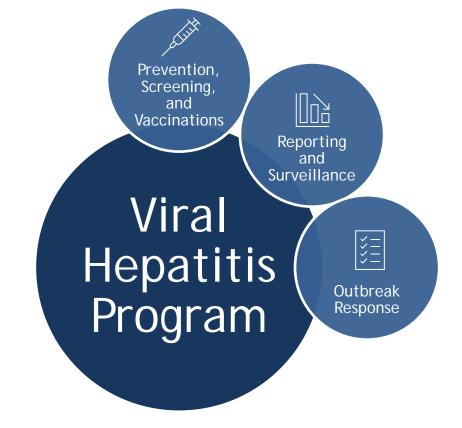




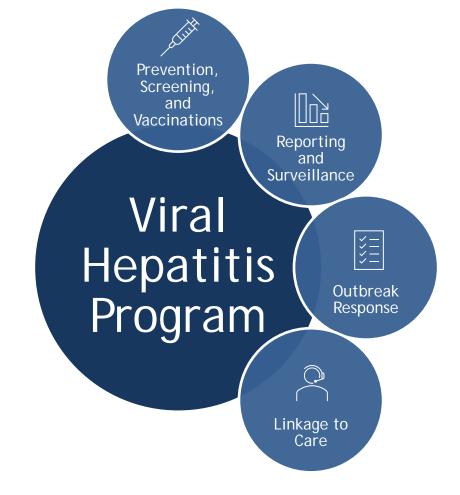




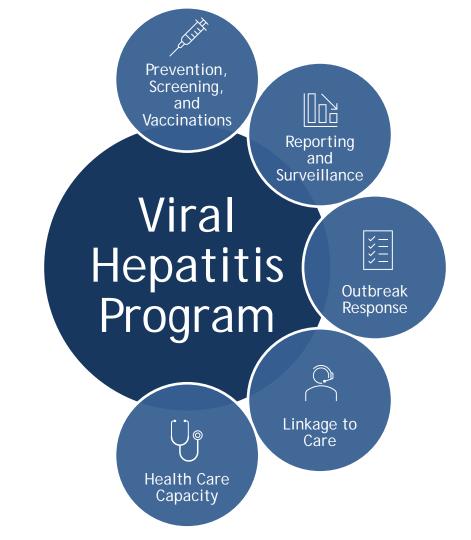




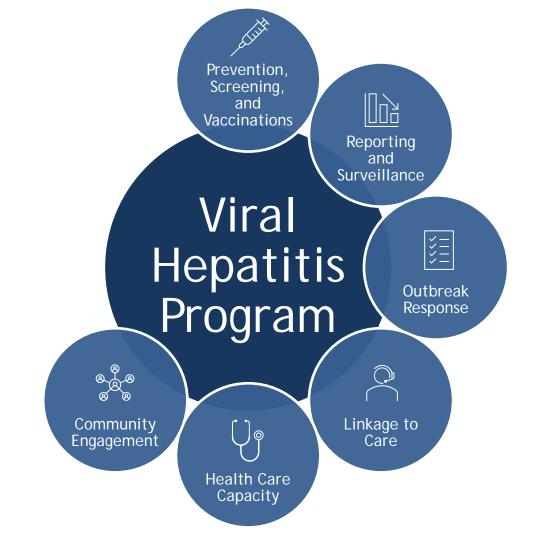




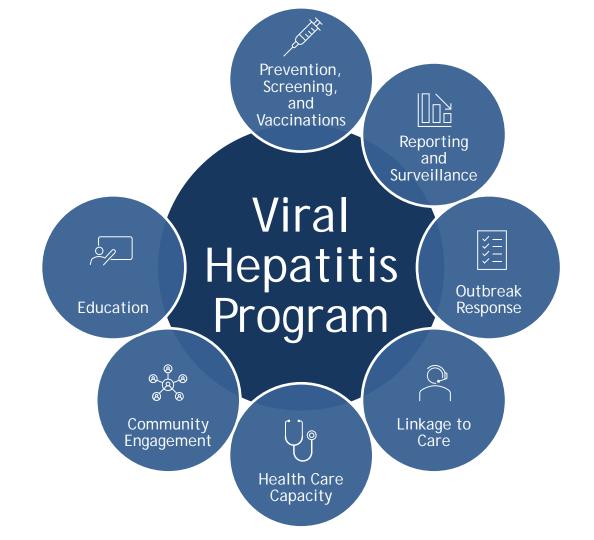


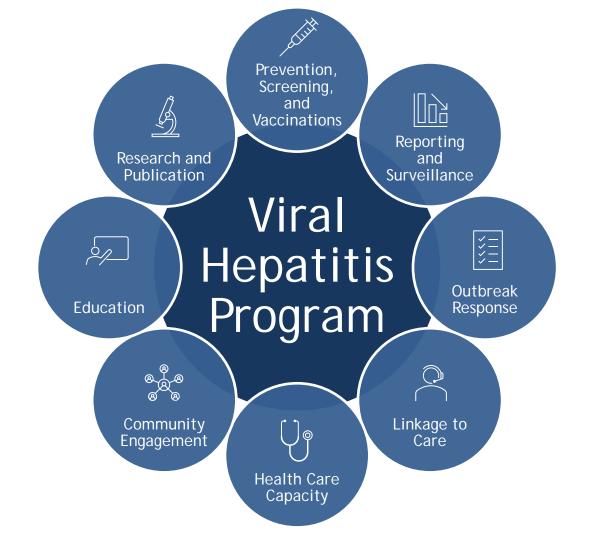




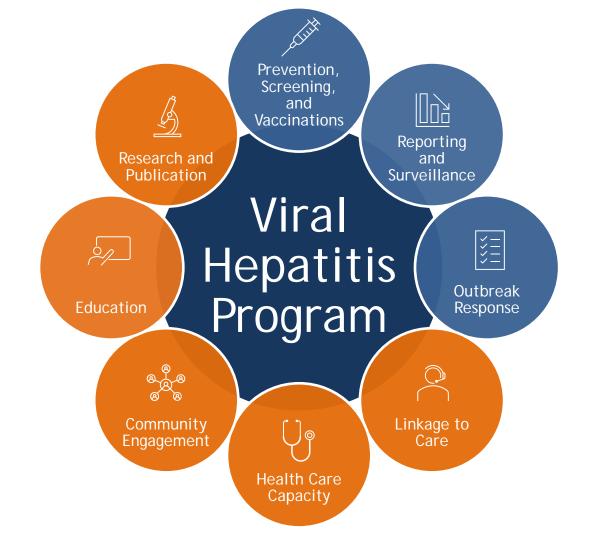
















NYC Health Department Community Navigation Programs





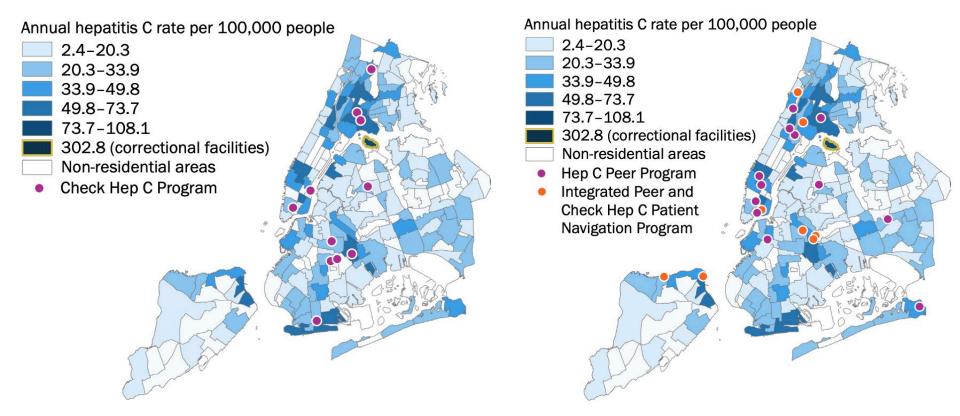
Check Hep C Patient Navigation Program Screening, linkage to care, and clinical care coordination



Hep C Peer Navigation at Syringe Exchange ProgramsOutreach, prevention, and navigation to testing and care

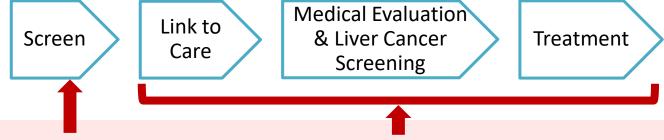


Check Hep C/Peer Programs Located in Areas of High Prevalence of Hepatitis C, 2021



Steps in Successful Navigation





Health Promotion

Assessment & Care Plan

Linkage to Care

Contact Screening, Vaccinations (if needed)

Outreach & Enrollment Care Coordination Services

- Accompaniment and reminders
- Referrals to supportive services
- Alcohol counseling
- Case conference
- Treatment readiness and adherence support
- Medication and pharmacy coordination

Discharge/transition planning

- Hep C reinfection prevention
- Liver health education and monitoring



Program Outcomes (July 2014–June 2021)





Program Outcomes (July 2014–June 2021)





\$44k - \$100k per org per year 53 Navigators Trained

	Service	Enrolled and Educated	Linked to Care	Treated
	Number of Patients	4,858	89%	59%



\$21k - \$40k per org per year 117
Peers
Trained

Service	Enrolled and Educated	Hepatitis C- Positive Linked to Care	Treated
Number of Patients	11,516	78%	45%



Key Client Characteristics (July 2014–June 2021)







Characteristic	Percentage
Enrolled in Medicaid	52%
Black, non-Latino/a	33%
Latino/a	31%
Mental health condition reported	22%
History of incarceration	15%
History of drug use	15%
Unstably housed	17%
HIV infection	9%

Characteristic*	Percentage
Latino/a	51%
Enrolled in Medicaid	49%
History of drug use	38%
History of incarceration	31%
Unstably housed	29%
Mental health issue reported	25%
Black, non-Latino/a	19%
HIV infection	9%

^{*}Based on available data from 2,547 participants who tested positive for hepatitis C



Research Highlight



Clinical Infectious Diseases

INVITED ARTICLE

Infectious Diseases Society of America





VIRAL HEPATITIS: Camilla S. Graham, Section Editor

From Care to Cure: Demonstrating a Model of Clinical Patient Navigation for Hepatitis C Care and Treatment in High-Need Patients

Mary M. Ford, Nirah Johnson, Payal Desai, Eric Rude, and Fabienne Laraque

Bureau of Communicable Disease, New York City Department of Health and Mental Hygiene, Long Island City, New York





Viral Hepatitis Tele-navigation Informed by Multiple Sources





Surveillance-based Outreach



HIV/Hepatitis C Surveillance Match



Enhanced Surveillance Investigations



Perinatal Hepatitis C



Tested at Correctional Facilities



Tested at
Urgent Care
Facilities



Tested at
Substance Use
Facilities



Viral Hepatitis Tele-navigation Informed by Multiple Sources





Surveillance-based Outreach



Referral-based Outreach



HIV/Hepatitis C Surveillance Match



Enhanced Surveillance Investigations



Perinatal Hepatitis C



Perinatal Hepatitis B Prevention Program



Public Health Clinics



Tested at Correctional Facilities



Tested at
Urgent Care
Facilities



Tested at
Substance Use
Facilities



Correctional Health Services



Routine Linkage to Care



Tele-navigation Activities





Tele-navigation Outcomes and Patient Characteristics (February 2017–October 2022)



Hepatitis C	Outreached	Interviewed	Linked to Care*
Number of Patients	2941	930 (32%)	691 (23%)

^{*}Newly interviewed patients are still awaiting linkage to care



Research Highlight



Journal of Immigrant and Minority Health (2021) 23:1179–1186 https://doi.org/10.1007/s10903-021-01240-5

ORIGINAL PAPER



Telephone Patient Navigation Increases Follow-Up Hepatitis B Care in the Postpartum Period for Immigrants Living in New York City

Jessie Schwartz¹ · Angelica Bocour¹ · Liz Tang¹ · Farma Pene¹ · Nirah Johnson¹ · Julie Lazaroff² · Miranda S. Moore¹ · Ann Winters¹













2,882 participants in clinical education sessions July 2020-June 2021







2,882 participants in clinical education sessions July 2020-June 2021



58 Navigators trained and employed at health centers, hospitals, and community organizations

122 peer navigators employed at syringe services programs







2,882 participants in clinical education sessions July 2020-June 2021



58 Navigators trained and employed at health centers, hospitals, and community organizations

122 peer navigators employed at syringe services programs





Support Group

30 community-based organizations supported peer/patient navigation training

572 people reached since partnership in 2018

182 care managers, health educators and staff reached through online training in 2021





NYCHealthTraining





NYCHealthTraining







NYCHealthTraining









NYCHealthTraining











NYCHealthTraining











Healthcare Provider Training and Workforce Development



NYCHealthTraining

HIV Training and Technical Assistance Program



60 Trainings Conducted









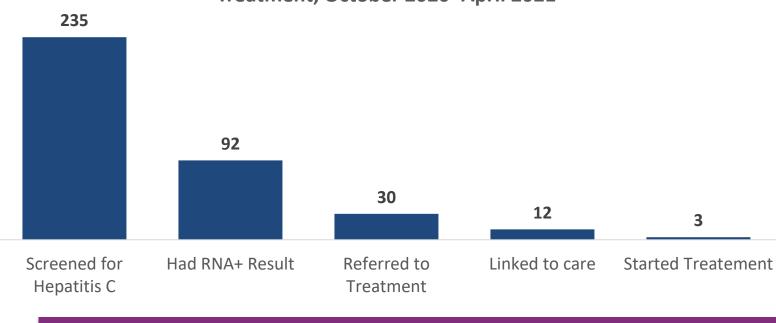




2021 Outcomes: Pilot Projects for Rehabilitation Centers and Opioid Treatment Programs



ACI Inpatient/Outpatient Hepatitis C Testing, Referral, Linkage and Treatment, October 2020–April 2021



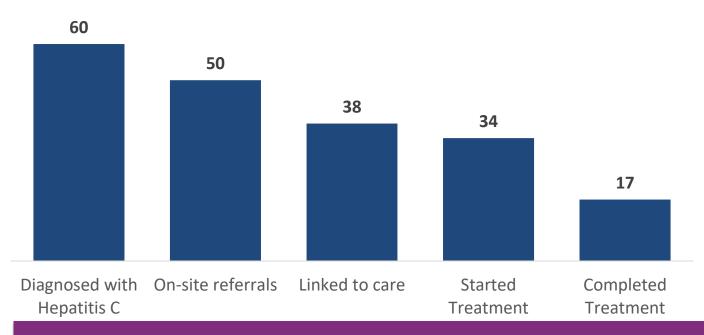


Linkage to care occurred via telemedicine

2021 Outcomes: Pilot Projects for Rehabilitation Centers and Opioid Treatment Programs



START Hepatitis C Patient Referrals, Linkage to Care and Treatment, July 2020–April 2021





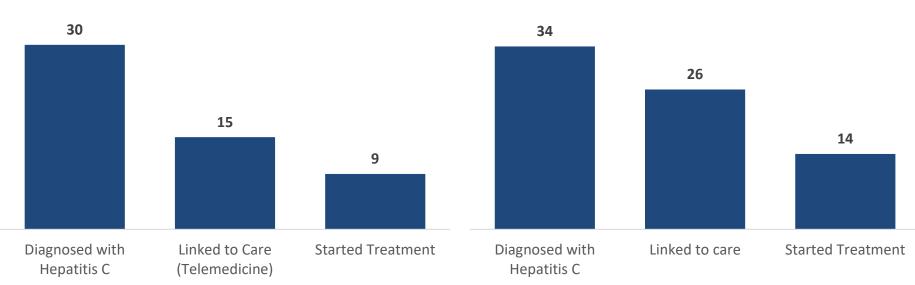
Linkage to care occurred on-site

2021 Outcomes: Hep C Treatment Via Telemedicine At 2 Syringe Services Programs











Community Engagement







Viral Hepatitis Team

- Adeeba Khan
- Ajya Sah
- Alexis Brenes
- Alma Chaves
- Bryant Tufino Flores
- Christina Hwang
- Cynthia Ortigoza
- Diana Diaz Muñoz
- Farma Pene
- Gloria Glenn
- Holly Anger
- Jackilyn Rivera
- Kavita Misra

- Kelly Huang
- Kevin Madera
- Leandra Ureña
- Liz Tang
- Marie Bresnahan
- Nadine Kela-Murphy
- Rahel Yosief
- Sarah Ahmed
- Shamar Smalls
- Tristan McPherson
- Umaima Khatun
- Versalle Shelton





Through our partnerships and work, viral hepatitis elimination by 2030 is possible!

"Envisioning a New York City without transmission or illness related to viral hepatitis"



References

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- Schwartz J, Bocour A, Tang L, Pene F, Johnson N, Lazaroff J, Moore MS, Winters A. Telephone Patient Navigation Increases Follow-Up Hepatitis B Care in the Postpartum Period for Immigrants Living in New York City. J Immigr Minor Health. 2021 Dec;23(6):1179-1186.
- Ford MM, Johnson N, Desai P, Rude E, Laraque F. From care to cure: Demonstrating a model of clinical patient navigation for hepatitis C care and treatment in high-need patients. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2017;64(5):685-691.
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- Kela-Murphy N, Moore MS, Verma CM, Bresnahan MP, Harrison E, Schwartz J, Winters A. The Hepatitis C Clinical Exchange Network: A Local Health Department Partnership With Acute Care Hospitals to Promote Screening and Treatment of Hepatitis C Virus Infection. J Public Health Manag Pract. 2022 Mar-Apr 01;28(2):E413-E420.
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- Images courtesy of: Pablo Fernandez Vallejo, Ida Desi Mariana, hans draiman, IconMark, Adrien Coquet, N.Style, Rakhmat Setiawan, Nikita Kozin, Agus Rijwan Jaelani, Berkah Icon, DPIcons, Loritas Medina, Rashida Luqman Kheriwala, Untashable of the Noun Project and AP Photo/Eric Risberg, File



List of Funded Organizations



Community Organizations:

- 1. African Services Committee
- 2. After Hours Project
- 3. AIDS Center of Queens County
- 4. The Alliance LESHRC
- 5. Boom! Health
- 6. Community Health Action of Staten Island
- 7. Family Services Network of NY
- 8. Housing Works
- 9. Korean Community Services
- 10. New York Harm Reduction Educators
- 11. Positive Health Project
- 12. Praxis Housing Initiatives
- 13. Safe Horizon Streetwork Project
- 14. St. Ann's Corner of Harm Reduction
- 15. VOCAL-NY
- 16. Washington Heights CORNER Project



- 1. Bedford Stuyvesant Family Health Center
- 2. Boom! Health
- 3. BronxCare Health System
- 4. Brownsville Multiservice Family Health Center
- 5. Care for the Homeless (retired)
- 6. Charles B Wang Community Health Center
- 7. Community Healthcare Network
- 8. H+H Bellevue Hospital
- 9. H+H Coney Island Hospital
- 10. H+H Elmhurst Hospital
- 11. H+H Kings County Hospital
- 12. Harlem United (retired)
- 13. Kingsbrook Jewish Medical Center
- 14. Montefiore Comprehensive Health Care Center
- 15. Seventh Avenue Family Health Center at NYU Langone
- 16. Wyckoff Heights Medical Center (retired)



Research Highlight



Practice Full Report



The Hepatitis C Clinical Exchange Network: A Local Health Department Partnership With Acute Care Hospitals to Promote Screening and Treatment of Hepatitis C Virus Infection

Nadine Kela-Murphy, MPH; Miranda S. Moore, MPH; Charu M. Verma, MPH; Marie P. Bresnahan, MPH; Emily Harrison, MD; Jessie Schwartz, MPH; Ann Winters, MD







Test, Evaluate, Monitor From www.HCVGuidance.org on May 09, 2022

HCV Testing and Linkage to Care

One-Time Hepatitis C Testing

Recommendations for One-Time Hepatitis C Testing	
RECOMMENDED	RATING 1
One-time, routine, opt out HCV testing is recommended for all individuals aged 18 years or older.	I, B
One-time HCV testing should be performed for all persons less than 18 years old with activities, exposures, or conditions or circumstances associated with an increased risk of HCV infection (see below).	I, B
Prenatal HCV testing as part of routine prenatal care is recommended with each pregnancy.	I, B
Periodic repeat HCV testing should be offered to all persons with activities, exposures, or conditions or circumstances associated with an increased risk of HCV exposure (see below).	Ila, C
Annual HCV testing is recommended for all persons who inject drugs, for HIV-infected men who have unprotected sex with men, and men who have sex with men taking pre-exposure prophylaxis (PrEP).	IIa, C