

Integration of HCV and buprenorphine treatment in a Bronx community clinic

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Albert Einstein College of Medicine
OF YESHIVA UNIVERSITY
Science at the heart of medicine

Montefiore
THE UNIVERSITY HOSPITAL
Division of General Internal Medicine

Setting the stage for HCV treatment

HIV program



HEALTH SERVICES
A Joint Program of
Manhattan Medical Center & Columbia Memorial Hospital

WHAT IS HEALTH SERVICES?

HEALTH SERVICES Program is a joint program sponsored by Manhattan Medical Center and Columbia Memorial Hospital. The program provides your medical care easy and worry free by offering a wide range of medical services, from general medical care to medication prescriptions and counseling.

Through the HEALTH SERVICES Program you can receive your medical care in one place.

HEALTH SERVICES is available to individuals who are HIV positive and reside in the Bronx and Upper Manhattan. These unique services are highly valued by our service experts with many years of experience.

You can receive in your own home or at our center. We provide transportation to and from our center. We also provide specialized services such as home care, case management, and social services.

Our most respected health care professionals in our neighborhood are available to provide HIV-related services including a nutritionist, social worker, and other support services.

BENEFITS OF HEALTH SERVICES

Through The HEALTH SERVICES Program, you will be able to receive a variety of services offered by both Manhattan and CDMH, including:

Medical Care	Supportive Services
<ul style="list-style-type: none"> Physical Examinations Ophthalmology Examinations Blood Tests Prescriptions HIV Treatment 	<ul style="list-style-type: none"> Syringe Exchange Nutritional Services HIV Testing and Counseling Support Groups and Educational Workshops Peer Education and Training Women's Peer Education and Training Acupuncture and Holistic Therapies
<ul style="list-style-type: none"> Hepatitis C Treatment Vaccines Counseling Referrals 	<ul style="list-style-type: none"> First Aid and Personal Care Kits Clothing Shower Facilities Safe Space



Setting the stage for HCV treatment

Establish Buprenorphine Program

HIV program

2003

2005

2007

2009

2011

2013

2015

MonetteCare
EINSTEIN
BUPRENORPHINE

If you or someone you know needs help with an addiction to heroin or pain pills, there's a new medicine that may help.

BUPRENORPHINE Is it right for you?

THE BENEFITS OF BUPRENORPHINE TREATMENT

- Buprenorphine has a low risk of being abused and is unlikely to cause an overdose.
- Buprenorphine can prevent pain, chills, nausea, and other feelings that come with addiction withdrawal.
- Buprenorphine can block the effects of addiction drugs. For example, heroin taken by a person under buprenorphine treatment will not cause a "high." The addition of naloxone in the Suboxone form of buprenorphine prevents the medicine from being abused, as it will cause withdrawal if injected.

HOW CAN YOU GET BUPRENORPHINE TREATMENT?

Buprenorphine treatment can be prescribed by physicians who have been specially trained and have received certification from Federal and State agencies. Ask your doctor if he or she can prescribe buprenorphine or refer you to someone who can.

HOW DOES BUPRENORPHINE WORK?

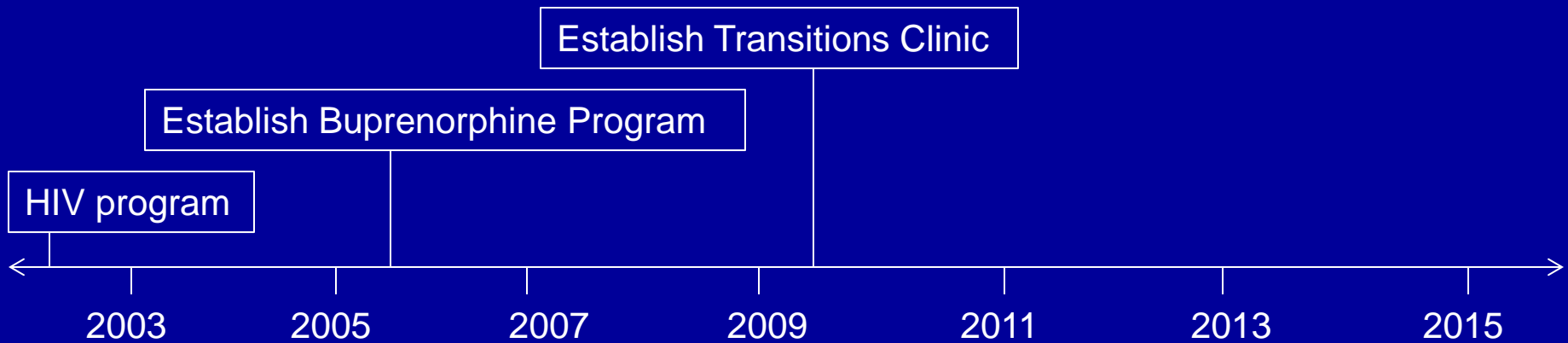
When taken by a person addicted to heroin or pain pills, buprenorphine reduces cravings and the person remain drug-free, making withdrawal easier. Buprenorphine can help a person withdraw from heroin or painkillers. It also helps to keep a person from relapsing into a heroin or painkiller addiction.

Buprenorphine is available as a tablet or film. The film is placed under the tongue. The tablet is taken as a whole. Subutex, Suboxone, and Suboxone combined with a vaccine. The film is available

WASHINGTON HEIGHTS CORNER PROJECT

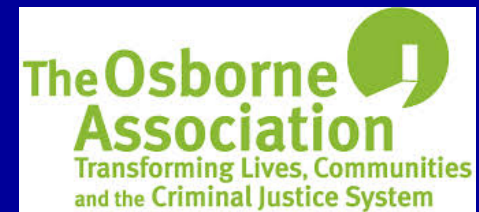
NYHRE
 NEW YORK HARM REDUCTION EDUCATORS

Setting the stage for HCV treatment

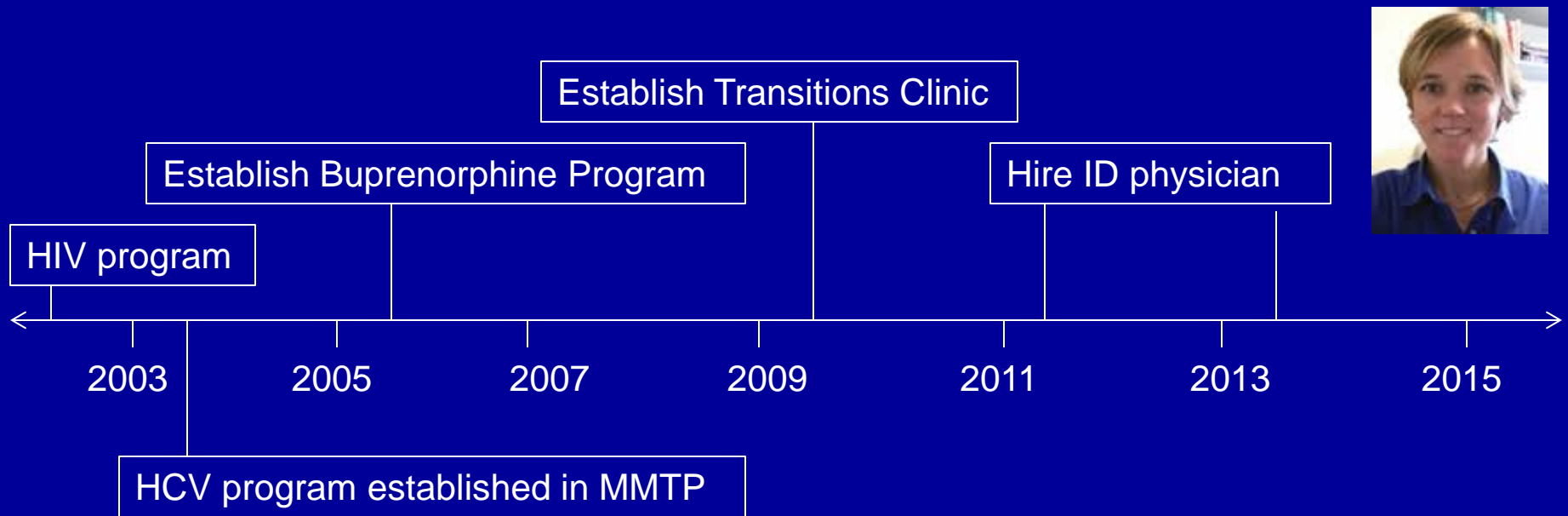


A collage of informational cards and photos:

- Montefiore Medical Center**: A card with a photo of a doctor and text describing the Bronx Transitions Clinic as a partnership between Montefiore Medical Center and the Osborne Association, serving formerly incarcerated persons.
- Comprehensive Health Care Center**: A card with text describing the center's location at CHCC, its size, and the range of services it provides, including primary care, dental, and mental health.
- The Osborne Association**: A card with a photo of two women and text describing the association's role in providing treatment, education, and employment services to formerly incarcerated persons.
- Montefiore Medical Center**: A card with text describing the center as the university hospital for Albert Einstein College of Medicine, serving over 20 ambulatory care sites and a network of seven federally-qualified health centers.
- Comprehensive Health Care Center**: A card with text describing the center's location at CHCC, its size, and the range of services it provides, including primary care, dental, and mental health.
- The Osborne Association**: A card with text describing the association's role in providing treatment, education, and employment services to formerly incarcerated persons.



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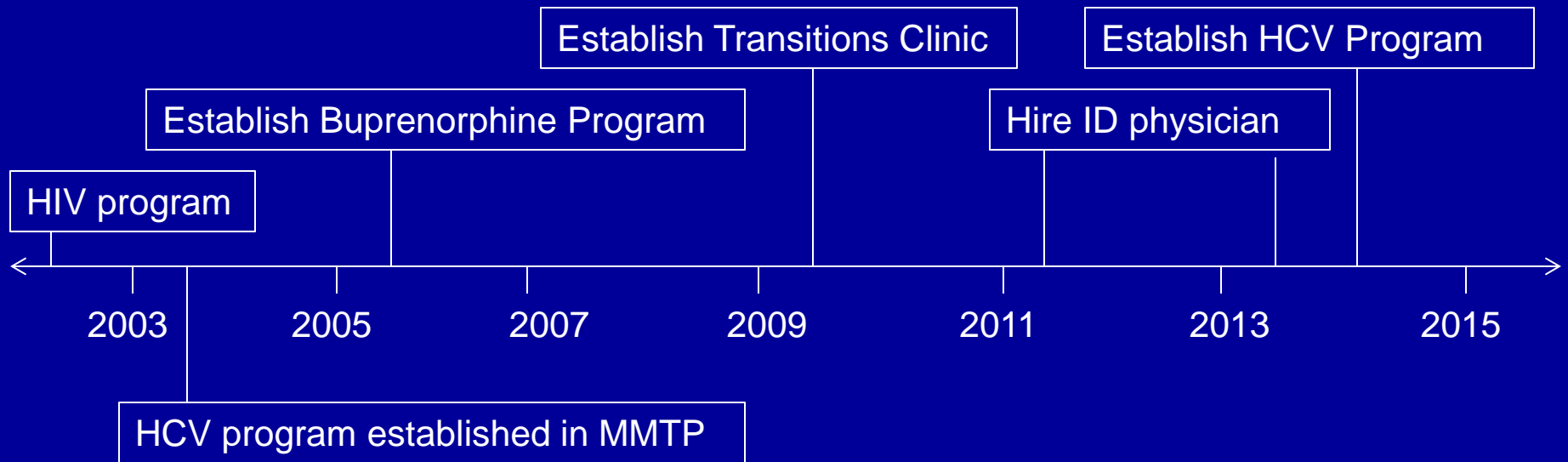


Integrating Services for Injection Drug Users Infected with Hepatitis C Virus with Methadone Maintenance Treatment: Challenges and Opportunities

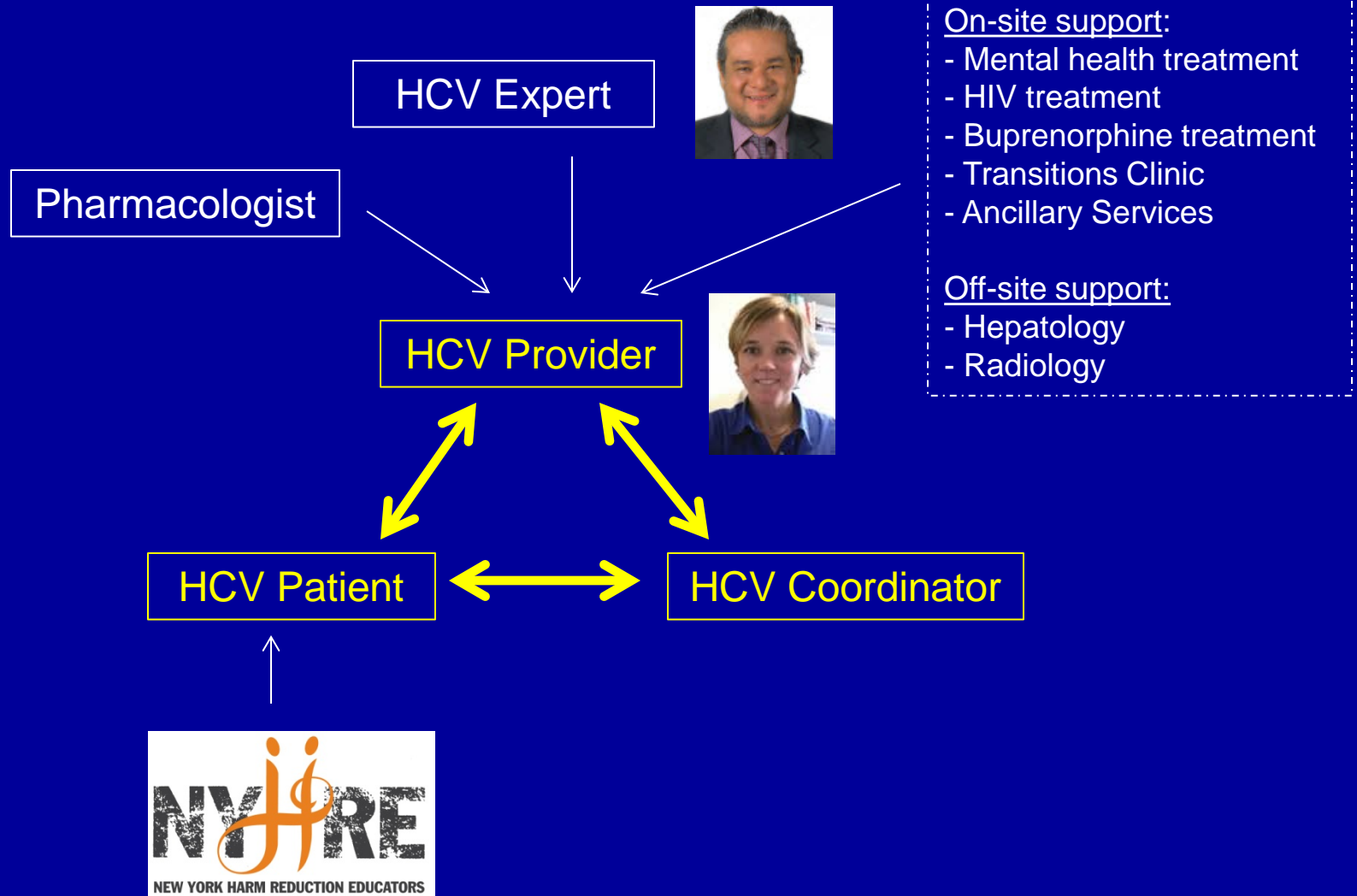
Alain H. Litwin,^{1,2} Irene Soloway,¹ and Marc N. Gourevitch^{1,2}

¹Division of Substance Abuse, Department of Psychiatry and Behavioral Sciences, and ²Department of Medicine, Montefiore Medical Center and Albert Einstein College of Medicine, Bronx, New York

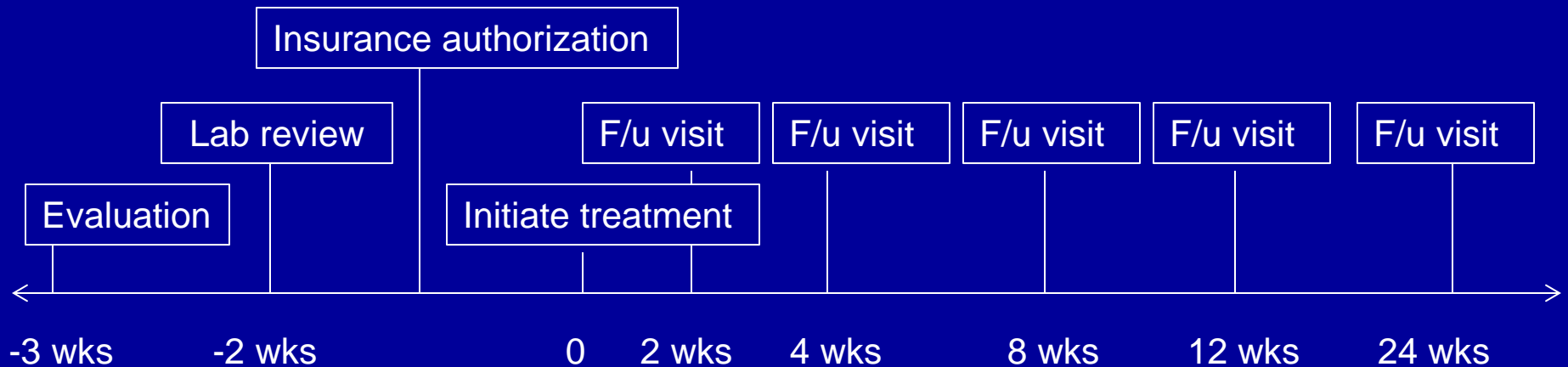
Setting the stage for HCV treatment



HCV Treatment Program Components

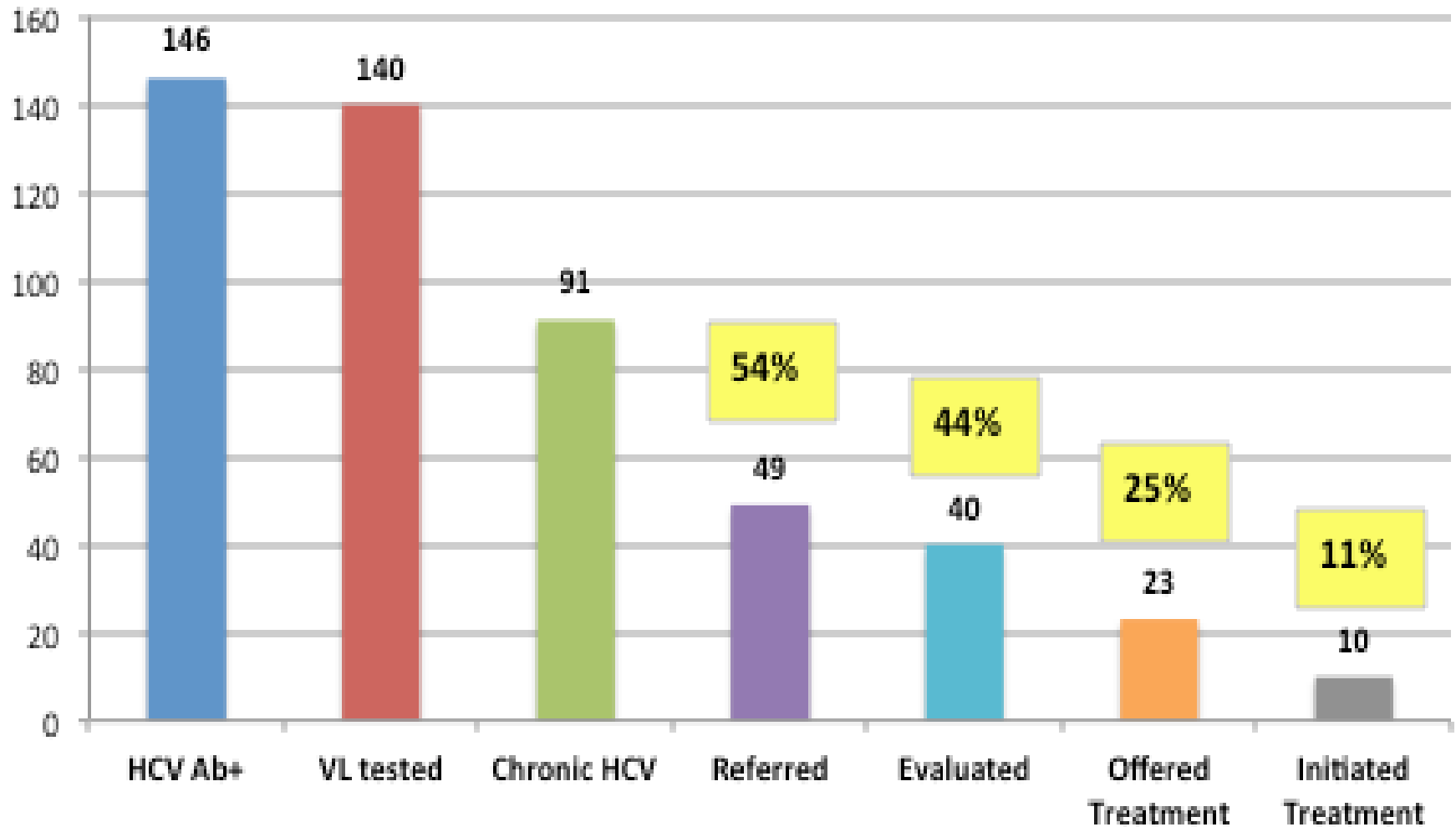


Patients' HCV Treatment Experience

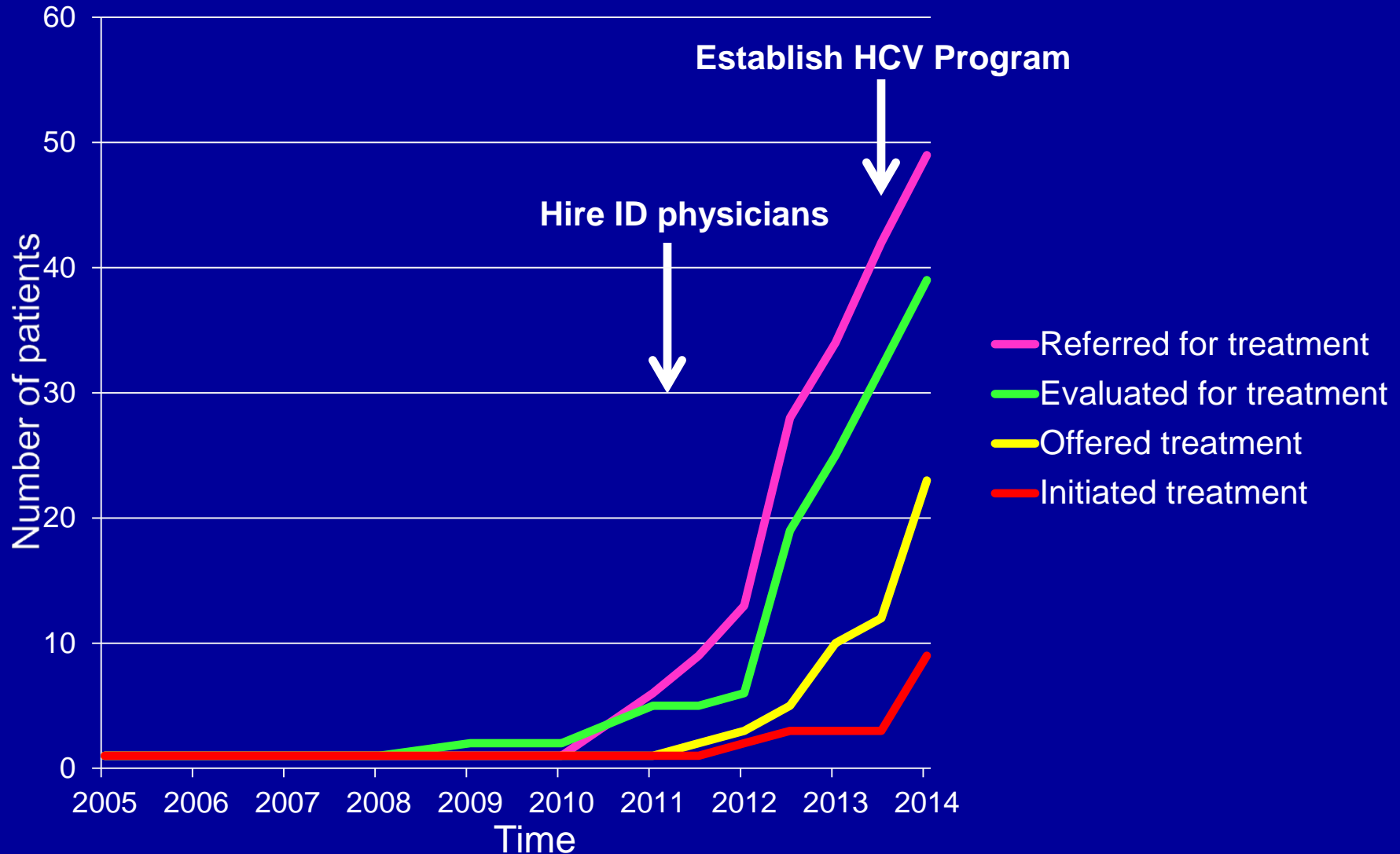


- All patients' visits are with the HCV provider & HCV Coordinator
- Reminder calls from HCV Coordinator prior to all appointments
- Weekly supportive calls from HCV Coordinator

HCV cascade among patients receiving buprenorphine treatment between 2011-2014



HCV treatment over time among buprenorphine-treated patients



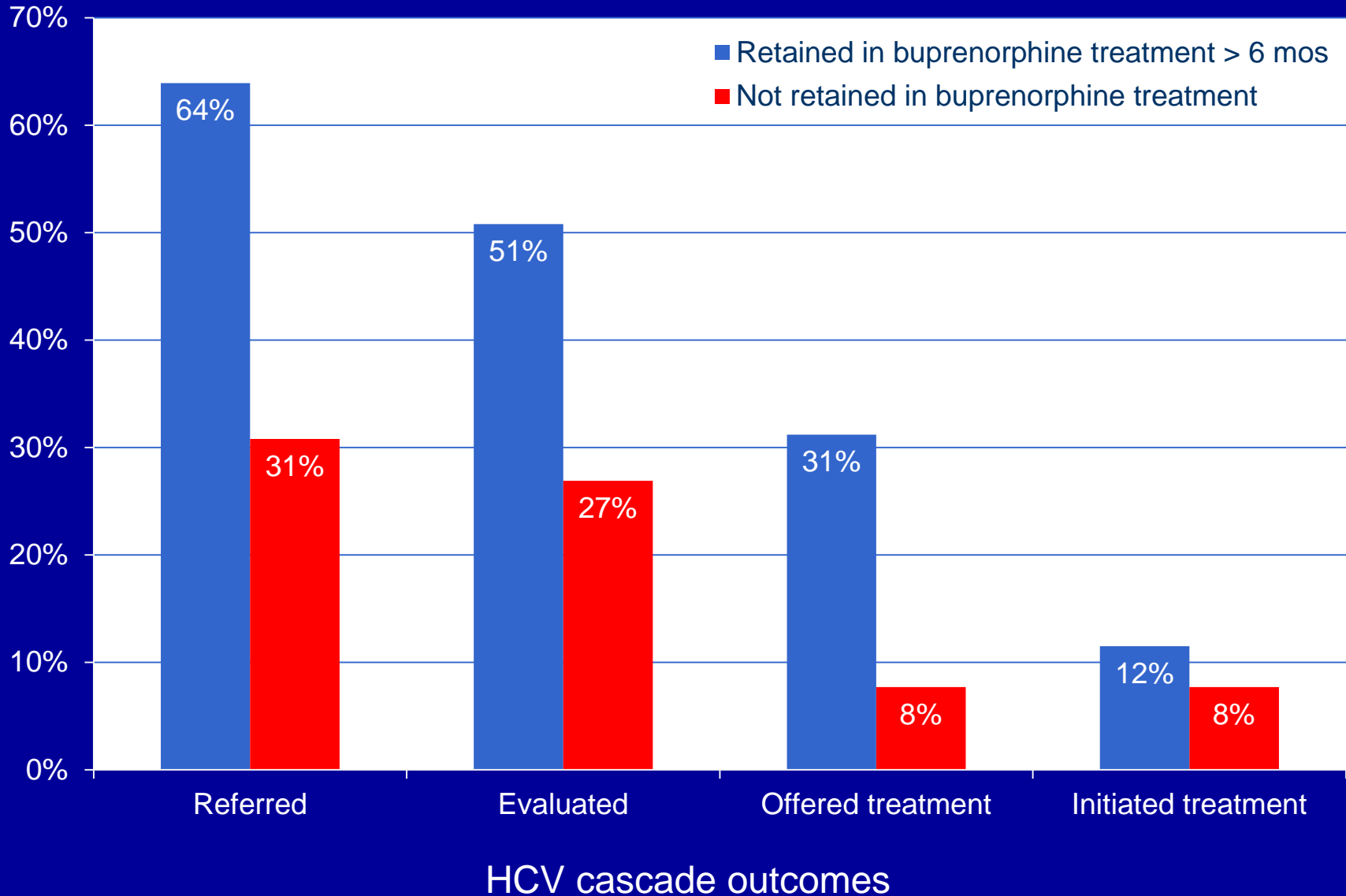
Note: 1 patient with unknown date of evaluation and initiation of treatment

Characteristics of 91 buprenorphine-treated patients with chronic HCV infection

Characteristic	N (%)
Male	73 (80.2)
Age (median years, IQR)	52 (42, 61)
Race/Ethnicity: Hispanic	70 (76.9)
Black	15 (16.5)
Other	6 (6.6)
HIV+	19 (24.4)
Psychiatric Disorder	57 (62.6)
Substance use: Alcohol	49 (53.8)
Cocaine*	42 (51.2)
Benzodiazepines*	21 (25.6)
HCV Genotype 1	56 (81.2)
Cirrhosis	11 (12.1)

*9 missing urine toxicology data

HCV outcomes by buprenorphine treatment retention, 2011-2014



Key features of integrating HCV and buprenorphine treatment

- Great fit with setting, programs, providers
 - HIV, buprenorphine, recently-incarcerated
 - Cadre of patients who can benefit from all programs
 - Cadre of providers who are invested in improving health of marginalized populations
 - Retention in other program is associated with HCV treatment
- Partnerships
 - With other providers and programs
 - With community-based organizations
- Evaluate and refine the program
- Takes time

Next steps

- Formally evaluate and refine HCV program
- Develop and test interventions to improve patients' interest in HCV treatment
- Expand HCV treatment in 8 Bronx community clinics

Acknowledgements

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 - NYHRE
- Patients