



Leveraging a Data to Care Approach to Cure Hepatitis C within RWHAP

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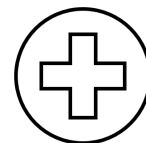
Collaborators



Yale School of Medicine



Seven Health
Department Jurisdictions



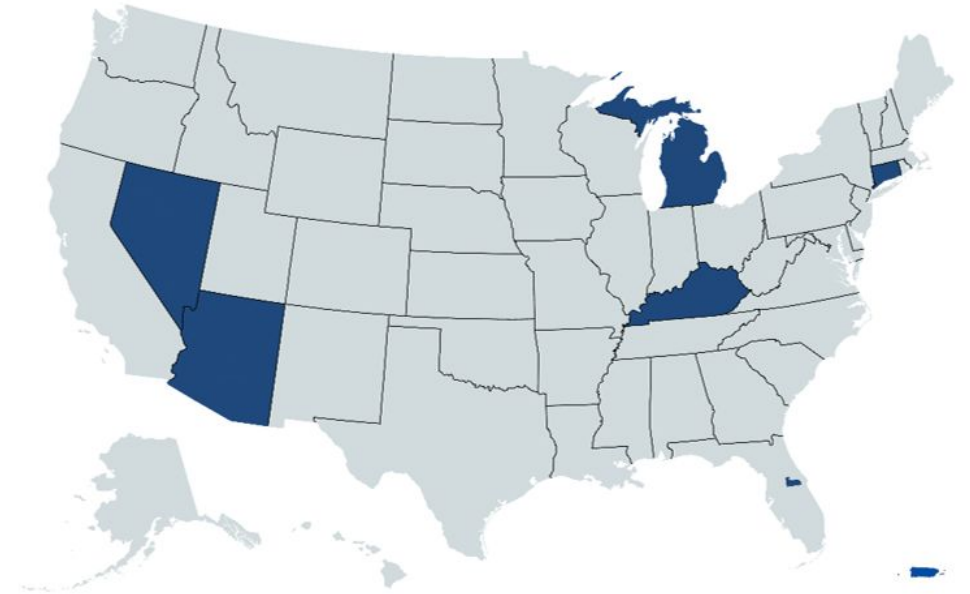
Ryan White HIV/AIDS Program
Clinics

Project Overview

- Two-year HRSA HAB initiative with third year no cost extension

Goals

- Create sustainable methodologies for jurisdictions to create their own HCV clearance cascades for HIV/HCV co-infected persons
- Improve existing collaboration between jurisdictional HCV surveillance programs and RWHAP care providers
- To link people with HCV within the RWHAP to care, by leveraging existing public health surveillance and clinical data systems



Two Main Project Components

Health Departments

Jurisdictional clearance
cascades



HIV Clinics

Outreach and Linkage to
Care






Jurisdictional Viral Clearance Cascade



Importance for Jurisdictional HCV Clearance Cascade

- Clearance cascade is a tool to help jurisdictions visualize diagnosis and treatment milestones
 - Identify gaps in care
 - Monitor micro-elimination efforts
 - Key step in 2025 National Hepatitis Strategy
- 

Jurisdictional Clearance Cascades for HIV/HCV Co-infected Persons Using Surveillance Data: Core Steps

1

Improve HCV surveillance data completeness and quality

2

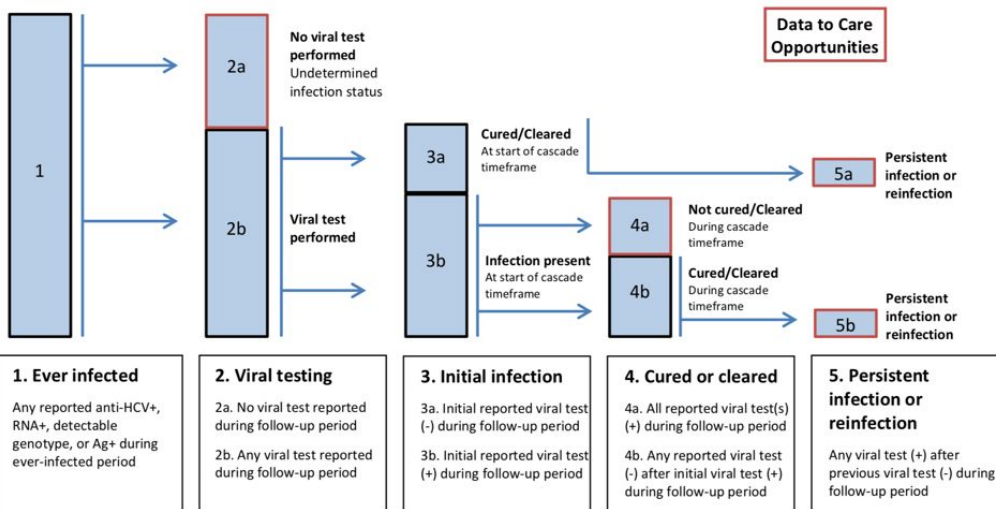
Match HIV and HCV surveillance data to develop HIV/HCV co-infected lists

3

Develop clearance cascades for defined cohort

Clearance Cascade Example

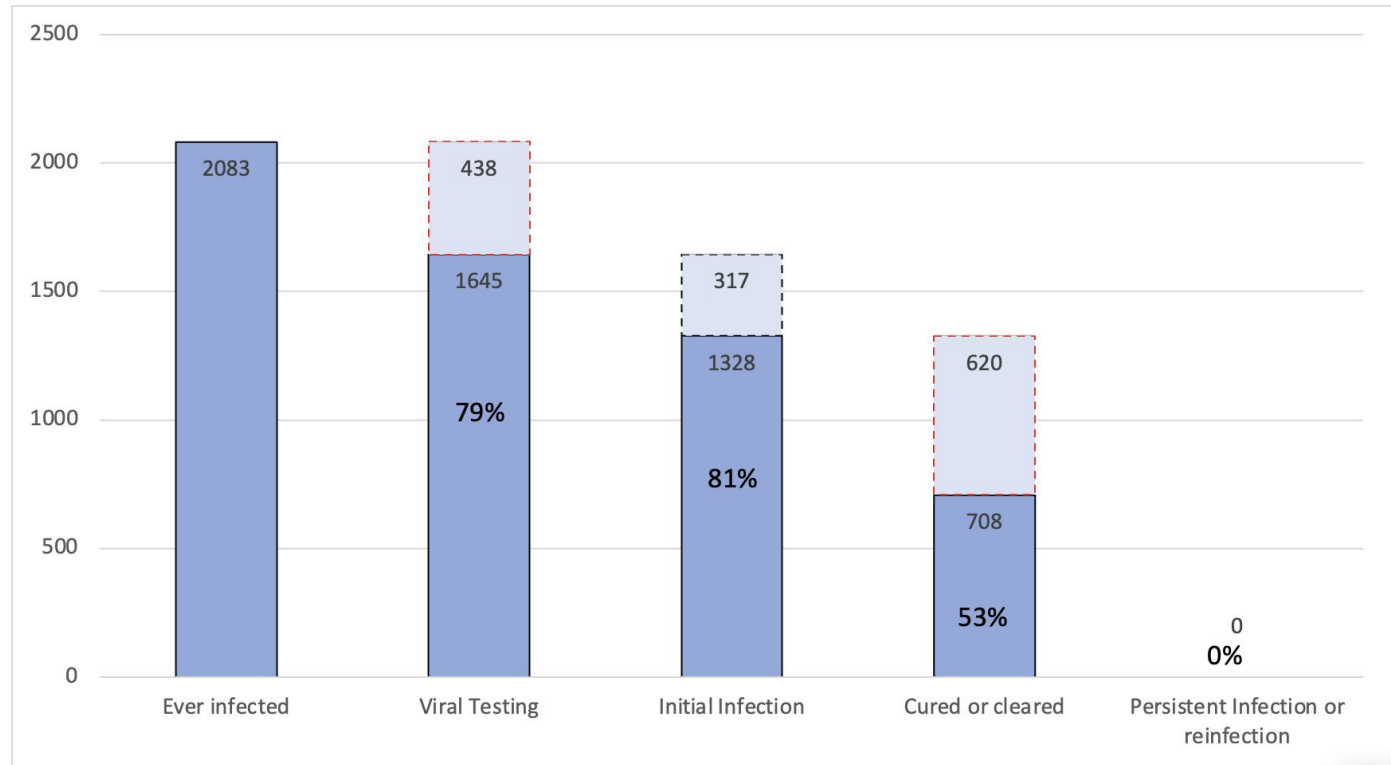
The figure below details the CDC's HCV clearance cascade and steps



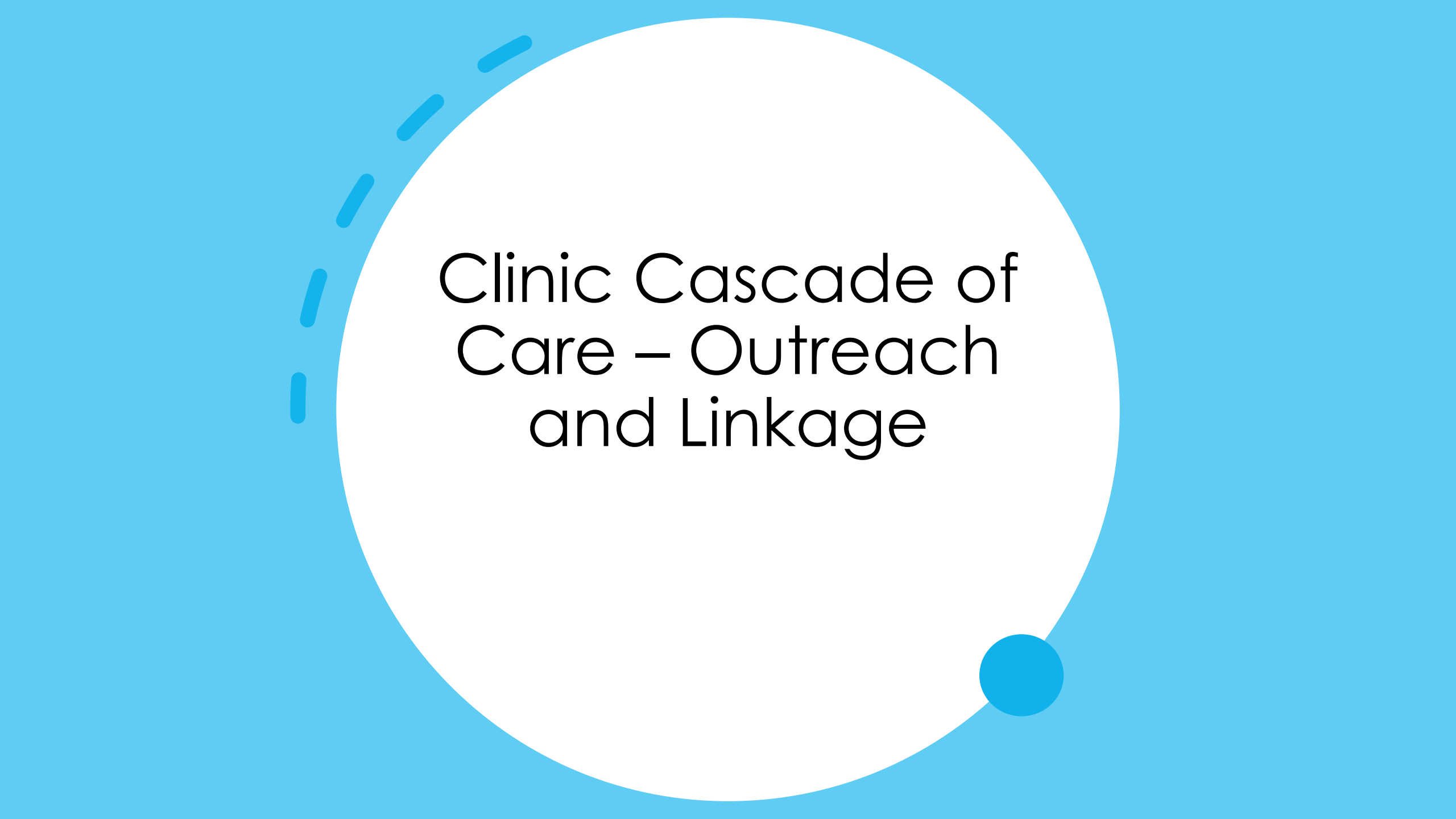
Abbreviations: anti-HCV+, antibody positive; Ag+, antigen positive; RNA+, ribonucleic acid positive

Note: Viral testing includes any HCV RNA, HCV genotype, or HCV core antigen test. (+) is defined as detectable HCV RNA or antigen; (-) is defined as undetectable HCV RNA or antigen.

HCV Clearance Cascade for HIV/HCV Coinfection Connecticut (Cohort as of 12/31/2019 and status as of 12/31/2021)



Noted gaps in viral testing (79% of ever infected tested) and clearance (53% of initial infection)



Clinic Cascade of Care – Outreach and Linkage

Outreach and Linkage: Key Steps to Approach to Data to Care

1

Develop partnerships with clinics

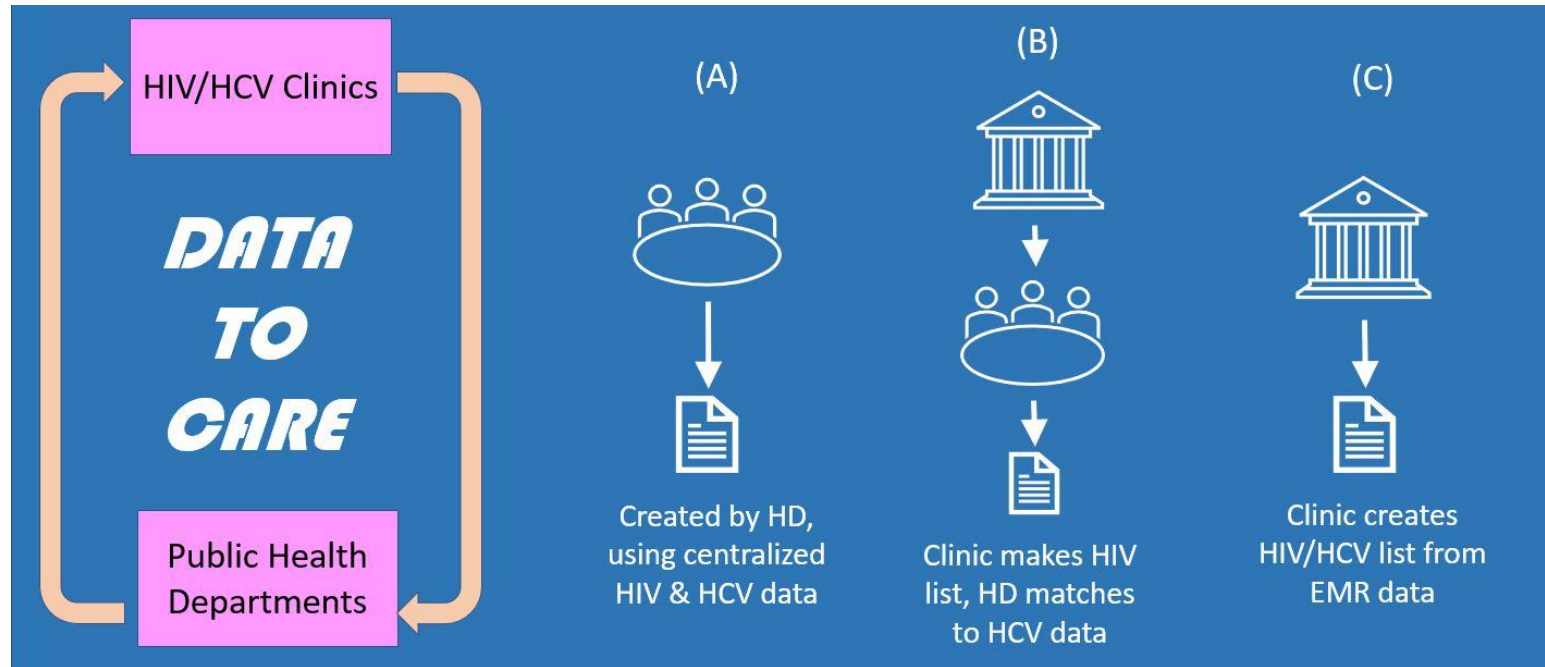
2

Create clinic HIV/HCV co-infected lists

3

Conduct case conferencing, outreach and linkage activities

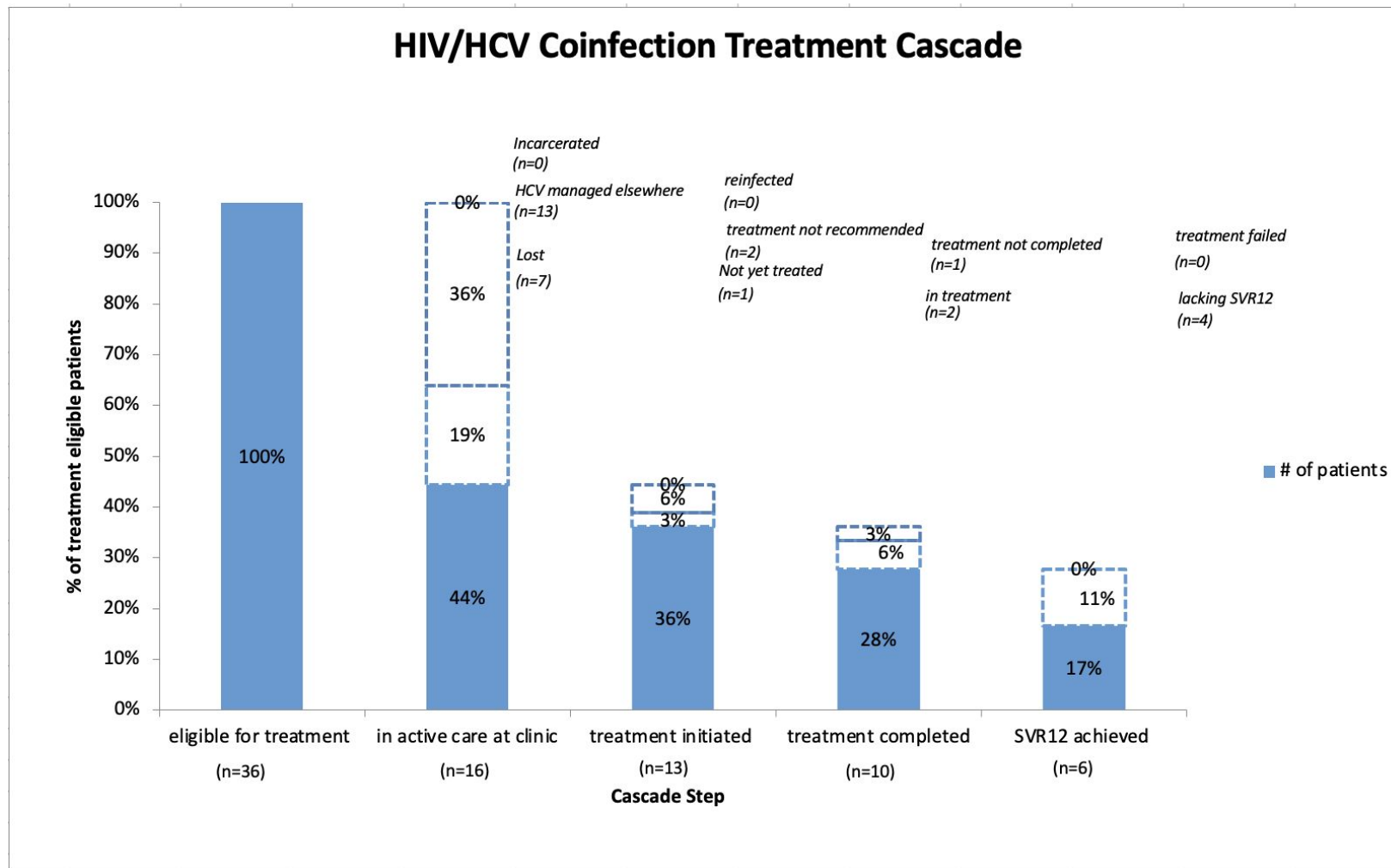
Case Conference Methodology



Create HIV/HCV
Co-infected List:
Different Models

Health Department Champion Meets with Clinic Champion
Review HCV Treatment Status
Create Clinic-Specific HCV Care Cascade
Assess Barriers and implement Linkage Plan

Example of Clinic-based Care Cascade using Case Conferencing Tool – Charter Oak (as of 12/31/2021)



Highlights of our past research

Research

**PUBLIC
HEALTH
REPORTS**

Implementing a Surveillance-Based Approach to Create a Statewide Viral Clearance Cascade for Hepatitis C Among People With HIV and HCV Coinfection in Connecticut

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Public Health Reports
1–10

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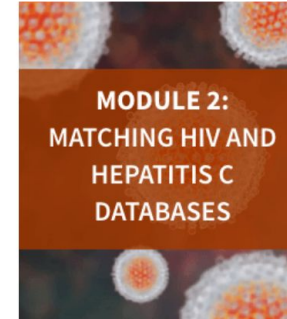
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Resources

- Mini eLearning videos and written companion (*TargetHIV website*)
- HIV/HCV co-infection clearance cascade data tool (*TargetHIV website*)
- Clinic-based cascade of care data tool (*TargetHIV website*)
- Implementation Manual (*TargetHIV website*)
- TargetHIV website
<https://targethiv.org/spns-hcv-dtc>
- [Patient educational app Connecticut AETC \(aetccct.org\)](https://aetccct.org)





Thank You!

Contact Us

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