

Increasing the Capacity to Treat Hepatitis C and HIV in Primary Care using the Project ECHO Model



Khushbu Khatri
Community Health Center, Inc.



Community Health Center, Inc.

Our Vision: Since 1972, Community Health Center, Inc. has been building a world-class primary health care system committed to caring for underserved and uninsured populations and focused on improving health outcomes, as well as building healthy communities.

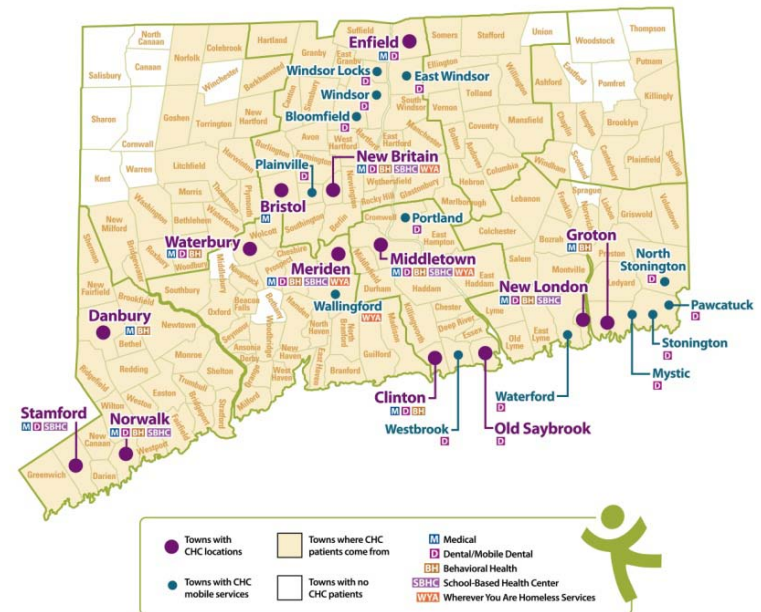
CHC Inc. Profile:

- Founding Year - 1972
- Primary Care Hubs – 13
- No. of Service Locations - 218
- Licensed SBHC locations – 24
- Organization Staff – 500
- Providers (all) - 170

Innovations:

- Meaningful Use Stage 1
- Integrated primary care disciplines
- Fully integrated EHR
- Patient portal and HIE
- Extensive school-based care system
- “Wherever You Are” Health Care
- Centering Pregnancy model
- Residency training for nurse practitioners
- New residency training for psychologists

CHC Locations in Connecticut



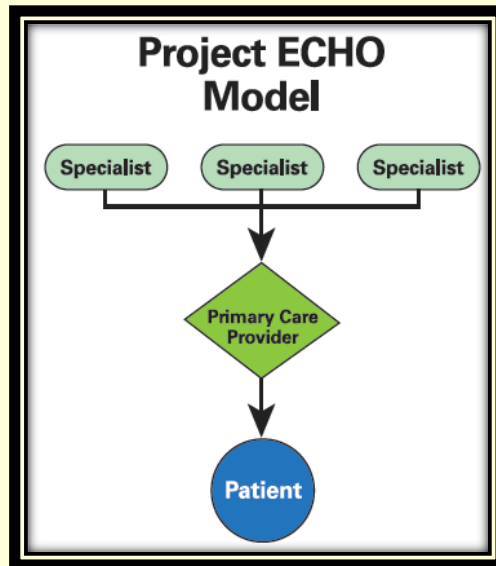
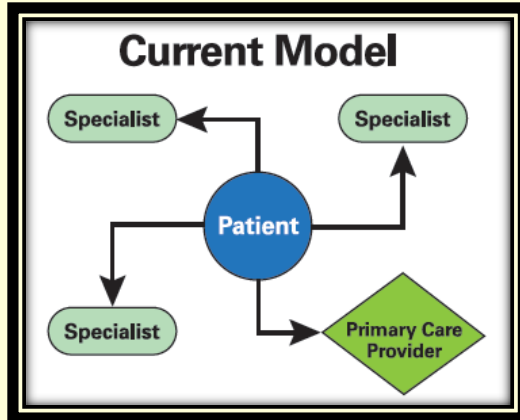
Three Foundational Pillars
Clinical Excellence
Research & Development
Training the Next Generation



The Joint Commission



Project ECHO



Access to Specialty Care

HCV Patient Characteristics at CHCI (n=872)

Mean age, years	47	Insurance type	% (n)
Gender	% (n)	Medicaid	49 (425)
Male	64 (554)	Medicaid Managed Care Fee For Service	7 (63)
Female	36 (318)	Medicare	11 (94)
Race or ethnic group	% (n)	Private Managed Care Fee For Service	3 (23)
Black or African American	12 (101)	Private Non-Managed Care	1 (7)
Caucasian	48 (419)	Uninsured	5 (46)
Hispanic	38 (328)	Unknown	25 (214)
Other	3 (24)		
Receiving HCV treatment	% (n)		
Yes	4 (35)		
No	96 (837)		

- FQHCs are ideal locations to meet the complex needs of underserved patients.
- Few PCPs have adequate training in HCV treatment
- PCPs have limited access to specialists for consultation or referral

Structural Features



- 2 hour weekly sessions, alternating HIV/Hep C
- CHC expert team:
 - 2 MD FP specialists
 - PharmD
 - Case management RN
 - Psych APRN
- Participants: primary care providers across CHCI

Technological Infrastructure



- Video conferencing system
 - Webcam/iPad/smart phone access
- First health center to replicate
- EHR
 - Referrals
 - Documentation of recommendations



ECHO Session Data

January 2012~October 2012

	To date
Unique sessions	36
HIV	15
HCV	20
Combined clinic	1

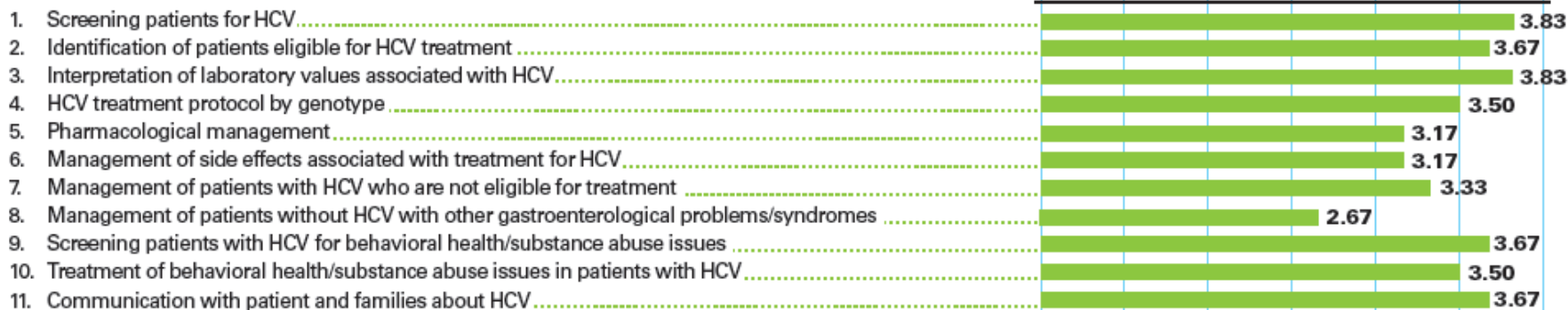
	To date
Total cases presented	150
Unique patients	96
HIV	30
HCV	66
Follow up patients	54

	To date
Average presentations per clinic	4.2
PCP Project ECHO participants	9
Didactic presentations	31
Antiviral treatments initiated	5



ECHO Participants reported an increase in their knowledge of HCV & HIV after 6 months of active participation

Please rate the following HCV clinical content areas on the level of new knowledge you have gained:



Scale: 1 = No new knowledge; 2 = Limited knowledge; 3 = Moderate degree of knowledge; 4 = High degree of knowledge. Average for all questions: 3.46

Please rate the following HIV clinical content areas on the level of new knowledge you have gained:



Scale: 1 = No new knowledge; 2 = Limited knowledge; 3 = Moderate degree of knowledge; 4 = High degree of knowledge. Average for all questions: 3.09

Project Accomplishments

- Replication at a large, multisite FQHC
- Full EHR integration
- Multipoint videoconferencing technology
- Treatment plans developed for 96 unique patients
- Improved knowledge and self efficacy for PCPs
- Peer reviewed publication: Khatri K, Haddad M, Anderson D. Project ECHO: Replicating a Novel Model to Enhance Access to Hepatitis C Care in a Community Health Center. *J Healthcare Poor Underserved, in press*

Project Challenges

- Provider time:
 - 2 hrs per clinician per week
- Specialist time
 - Multidisciplinary team of specialists 2 hrs per week plus prep time for didactic, preparation time
- Substantial lead time to initiate treatment
- Project ECHO is non-reimbursed by most health plans

Future Plans

- Project ECHO Pain Management
 - CHC, Inc.
 - El Rio Community Health Center, Tucson AZ
 - Integrated Pain Center of Arizona
- Project ECHO Suboxone/Addiction Medicine
- Project ECHO Nurse Care Coordination



Comments or Questions?

Khushbu Khatri

Research Assistant/Project ECHO Coordinator

KhatriK@chc1.com

860.347.6971 ext.3762

Daren Anderson

VP/ Chief Quality Officer

Daren@chc1.com

860.347.6971 ext.3740

The Joint Commission



The Gold Seal
of Approval™



Find us on
Facebook

