

BE FASTER Community of Practice for Increasing Rapid ART in Houston: A Qualitative, Longitudinal Study

Shital M Patel, MD, MSc

Director, Houston AETC Assistant Professor, Infectious Diseases Baylor College of Medicine

Meheret Adera, BA

Project Intern, Houston AETC MPH Candidate, Rollins School of Public Health Emory University

Adherence 2023 · June 11-13 · Puerto Rico



Conflict of Interest Disclosure

- Speakers have no conflicts of interests
- Funding sources:
 - This program was supported in part by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) as part of an award totaling \$3,132,205, with 0% financed with non-governmental sources.
 - The research component was funded in part through an Administrative Supplement to the Texas Developmental Center for AIDS Research (D-CFAR), an NIH funded program P30AI161943.



Baylor ^{College of} Medicine



Texas Developmental Center for AIDS Research TX D-CFAR

Background



- Houston ranks #9 in rate of new HIV diagnoses in the US
- In Houston, 75% of PWH* receive care at 1 of 5 Ryan White Part A agencies
- Ending the HIV Epidemic in Houston will require a coordinated effort among these agencies

#ADHERENCE2023

Background



- We evaluated the acceptability and feasibility of the Baylor College of Medicine ECHO Facilitating Antiretroviral StART Earlier (BE FASTER) program
 - BE FASTER used the ECHO* model to establish a community of practice to initiate Rapid ART

APID START HOUS

Our Community of Practice



- Baylor College of Medicine-Houston AETC (Hub)
- EHE RW Part A Clinics (Spokes)
 - AIDS Healthcare Foundation

#ADHERENCE2023

- Avenue 360
- Legacy Community Health
- St. Hope Foundation
- Harris Health System/Thomas Street Health Center



BE FASTER Program Monthly 1 hour virtual Zoom sessions

- 15 min didactic by *Hub team*
- 45 min case presentation by a spoke clinic with discussion

Session Topics*

Cognitive Support	Mental Health
Transgender Care	Transportation
Reproductive Health	Patient Readiness
Journey Mapping	Medication Access
Monkeypox	Eligibility
Telehealth	Billing

*12 sessions; 71 unique participants; Average attendance: 24 participants/session



Methods

- BE FASTER: January 2022 January 2023
- Semi-structured interviews:
 - 2 healthcare professionals from the Rapid StART team at each clinic
 - baseline, 3-months, and 9-months
- Data analyzed using rapid qualitative methods

Analyses Revealed 5 Themes

- Variability in Rapid ART protocols
- Participants had little to no prior interactions with other agencies
- Case presentations were most useful
- Intake processes were streamlined, but long-term retention remained a challenge
- Participants reported an improved sense of community



Variability in Rapid ART protocols

"...Our providers give them a 30-day access with a threemonth refill"

"The patient normally is given 14-day supply..."



Participants had little to no prior interactions with other agencies

"... I'm not sure who I would call... they're not people that I know, or that I feel comfortable asking any questions..."

#ADHERENCE2023

Case presentations were most useful

"So I do always love the case presentations for sure ... we all just hypothesize and provide solutions..."

#ADHERENCE2023

Intake processes were streamlined, but longterm retention remained a challenge "Of course, we have patients who are homeless. It's very hard to get them to comply with taking medicine and coming in because they don't have a stable living situation or transportation."



Participants reported an improved sense of community

"It's an excellent program to educate people, and to connect...they make you feel maybe a little bit more comfortable reaching out."



Conclusion

- Participants found the BE FASTER Program valuable and reported a positive impact on their cross-agency interactions
- ECHO can be an effective tool in creating cross organizational networks for Rapid ART programs
- This model can be useful in other *Ending the HIV Epidemic* initiatives

Acknowledgements

#ADHERENCE2023



Shital M. Patel MD, MSc Director, Houston AETC TX CFAR Assistant Professor, Infectious Diseases <u>shitalp@bcm.edu</u>



Melanie Goebel, MD Associate Director, Houston AETC Assistant Professor, Infectious Diseases

Kathryn Fergus Program Manager, Houston AETC



Meheret Adera, BA Project Intern, Houston AETC Emory MPH student



Naomi Sequeira, BS Project Intern, Houston AETC BCM Medical Student



Monisha Arya, MD, MPH Director of Marketing, Houston AETC TX CFAR Assistant Professor, Infectious Diseases



Bich Dang, MD Faculty, Houston AETC TX CFAR Assistant Professor, Infectious Diseases



Avishek Ghosh-Hajra, MD, MHA/MBA Lead Coordinator, Business Operations and Project ECHO Program Manager, Houston AETC

Caleb Brown, MPH, Former Project Coordinator Shiva Sharma, MD, Former Research Coordinator Houston AETC

Special Thank You to all of our partners!

- All the health professionals at the 5 Ryan White Agencies in Houston/Harris County
- Harris County Public Health/Ryan White Grant Administration



THANK YOU!