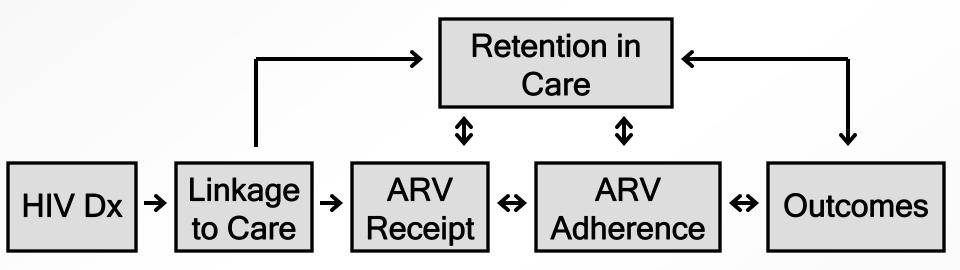
Barriers & Facilitators to Engagement in HIV Care: A Conceptual Framework

Michael J. Mugavero, MD, MHSc
University of Alabama at Birmingham
2008 National HIV Summit on HIV Diagnosis,
Prevention & Access to Care





Blueprint for HIV Treatment Success



Contextual factors

- Rural vs. Urban
- Neighborhood
- Dependent care



System factors

- MH services
- SA services
- SW / CM

Clinic factors

- Clinic distance
- Appt availability
- Waiting time

Provider factors

- Trust
- Experience
- Concordance

Predisposing factors

- Age
- Race/ethnicity
- Sex
- Poverty
- Mental illness
- Substance abuse
- Stigma

Enabling factors

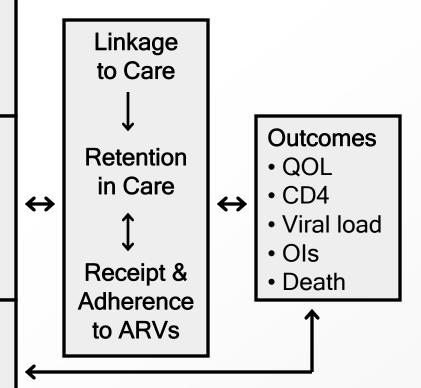
- Health insurance
- Transportation
- Housing

 \leftrightarrow

- Social support
- Self efficacy

Perceived Need

- Symptoms
- Health beliefs



Environment

Pt. characteristics

Health behavior

Outcomes

"No Show" Phenomenon

Characteristic	"Show" Group (n=362)	"No Show" Group (n=160)	OR (95%CI)
Age (years)	39.3 <u>+</u> 9.6	37.1 <u>+</u> 9.5	0.84 (0.68-1.04)
White male	125 (34.5)	32 (20.0)	1.0 (Reference)
Minority male	154 (42.5)	76 (47.5)	1.75 (1.05-2.91)
White female	31 (8.6)	20 (12.5)	2.72 (1.30-5.68)
Minority female	52 (14.4)	32 (20.0)	2.39 (1.27-4.52)
Private insurance	127 (35.1)	26 (16.2)	1.0 (Reference)
Public insurance	77 (21.3)	34 (21.3)	1.91 (1.03-3.54)
Uninsured	158 (43.6)	100 (62.5)	2.62 (1.56-4.39)
Days from call to appointment	25.6 <u>+</u> 13.8	30.2 <u>+</u> 13.4	1.32 (1.14-1.53)

Data presented as mean <u>+</u> SD or n (column %) Age OR per 10 years, Days from call OR per 10 days

Mugavero et al. Clin Infect Dis 2007;45:127-130

Project CONNECT

Client-

Oriented

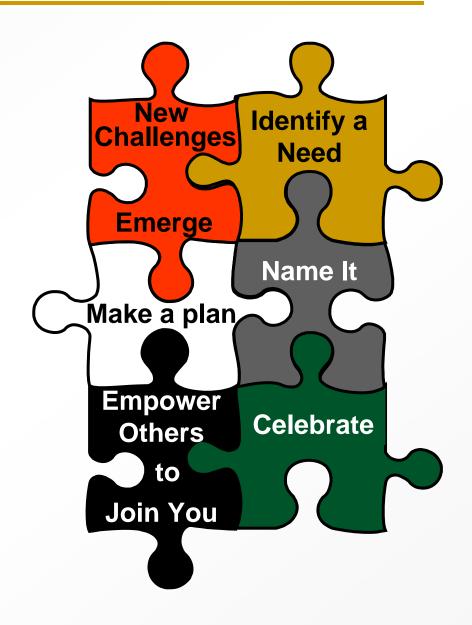
New Patient

Navigation to

Encourage

Connection to

Treatment



Project CONNECT

- Program launched January 1, 2007
- New patients have orientation visit within <u>5</u>
 days of their initial call to the clinic
- Semi-structured interview, psychosocial questionnaire & baseline labs
- Uninsured patients meet with clinic SW
- Expedited referral for SA / MH services

Project CONNECT

- Preliminary program evaluation: 2007
 - > 81% of pts attended 1° HIV provider visit (296 / 364)
 - \triangleright Drop in "no show" from 31% \rightarrow 19% (P<0.01)
- Cost: \$200 per client, \$1,628 per additional client linked to care beyond SOC

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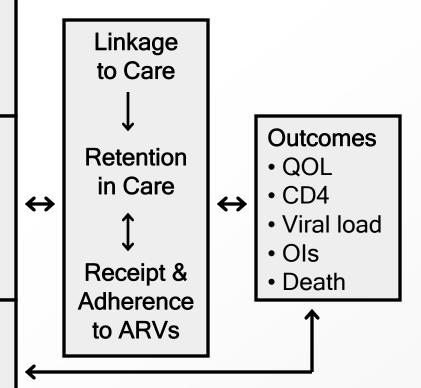
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