

Determinants

Implementation Strategies

Mechanisms

Implementation Outcomes

Implementation Determinants

Outer setting

- Harmonizing partnerships and data ↓
- Strong partnerships ↑
- Intensity of client needs ↓
- Funding and funder priorities ↑/↓

Inner setting

- Staffing and administration burden ↓
- Flexible program models ↑

Characteristics of providers

- Passion and dedication of staff ↑

Process

- Recruiting and retaining clients ↓

System & Implementer-Focused Strategies

For Health Intervention

- Provider training on when to prescribe PrEP
- EHR prompts to counsel on PrEP when HIV test is negative
- Modifying clinic workflows to incorporate PrEP

For Adjunctive Interventions

Motivational Interviewing (MI)

- Provider training on MI
- CME credits
- MI practice facilitation with feedback

Patient Navigation

- Involving leadership
- Integration of CHWs via case conferencing
- New funding for CHWs
- Hiring and training of CHWs

For Health Intervention

- Provider training increases capability and motivation to provide PrEP.
- EHR prompts behavior (reminders).
- Changing clinic workflows increases opportunity

For Adjunctive Intervention

Motivational Interviewing

- Training increases capability and motivation; CME credit targets motivation; practice facilitation targets capability

Patient Navigation

- Involving leadership and new funding targets opportunity; case conferencing and training targets capability

System & Implementer-Focused Effects of Strategies

For Health Intervention

- Adoption of PrEP
- Implementation of PrEP
- Sustainment of PrEP

For Adjunctive Interventions

- Motivational Interviewing
 - Adoption of MI
 - Implementation of MI with fidelity
- Patient navigation
 - Adoption of patient navigation
 - Implementation of patient navigation with fidelity

Innovation Determinants

Client needs and resources (outer setting)

- Incarceration ↓
- Insufficient insurance ↑
- Expensive/unreliable transportation ↓
- Immigration status ↓
- Family and other social support ↑
- Stigmas (e.g., HIV, substance use, incarceration, SOGI) ↓
- Competing life activities ↑
- Mental illness, substance use ↓
- Resilience ↑

Characteristics of providers

- Sensitivity to SOGI and other stigmas ↑
- Good provider-patient relationship ↑

Recipient-Focused Interventions

Adjunctive Interventions

Motivational Interviewing (MI)

After a negative HIV test, provider conducts PrEP education and counseling using MI to increase uptake of PrEP

Patient Navigation

After uptake, CHW sets appointments, sends reminders, and assists recipient with navigation to support services needed to overcome barriers to adherence

Health Intervention

HIV pre-exposure prophylaxis

Adjunctive Interventions

Motivational Interviewing

- Increases motivation to use PrEP

Patient Navigation

- Removes barriers and facilitates retention in care (i.e., targets opportunity, capability, motivation) to ensure adherence

Health Intervention Mechanism

- Prevents virus replication

Recipient-Level Outcomes

For Adjunctive Interventions

- Motivational Interviewing
 - Uptake of PrEP
- Patient navigation
 - Recipient visits
 - Self-reported adherence
 - Pharmacological assay of drug levels

For Health Intervention

- Remains HIV negative