

Development of a Technology-Based Retention in Care Intervention

Theresa E. Senn, PhD and Michael P. Carey, PhD
The Miriam Hospital and Brown Univ.

Marguerite A. Urban, MD and Patricia Cury-Doniger, FNPC
Univ. of Rochester and Monroe County Department of Public Health

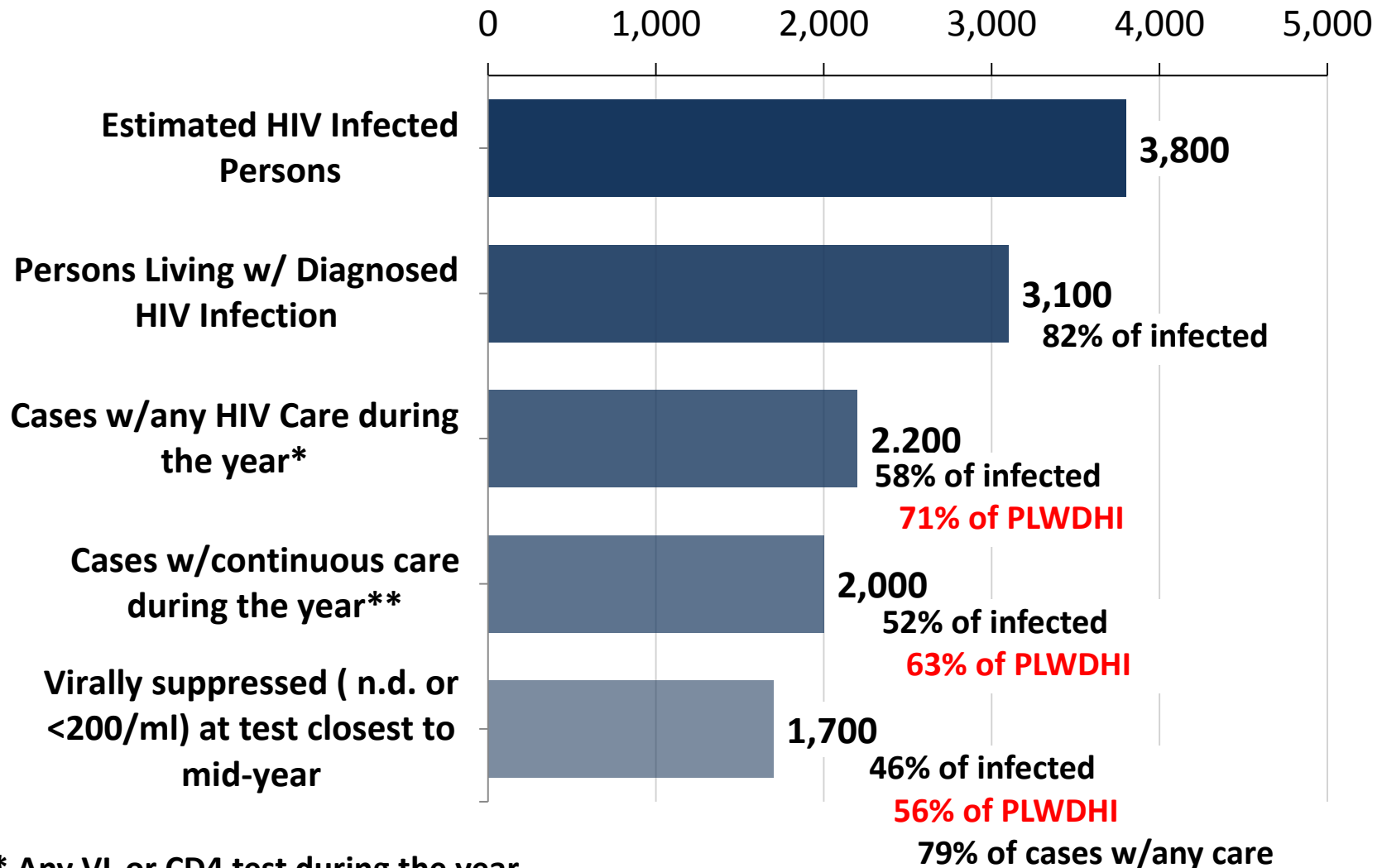
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Background

- Black MSM are disproportionately infected with HIV
- Retention in care is a critical challenge
- Technology-based interventions may have appeal, and be especially useful for retention

Cascade of HIV Care Rochester Ryan White Region, 2011

From the NY State
Department of Health



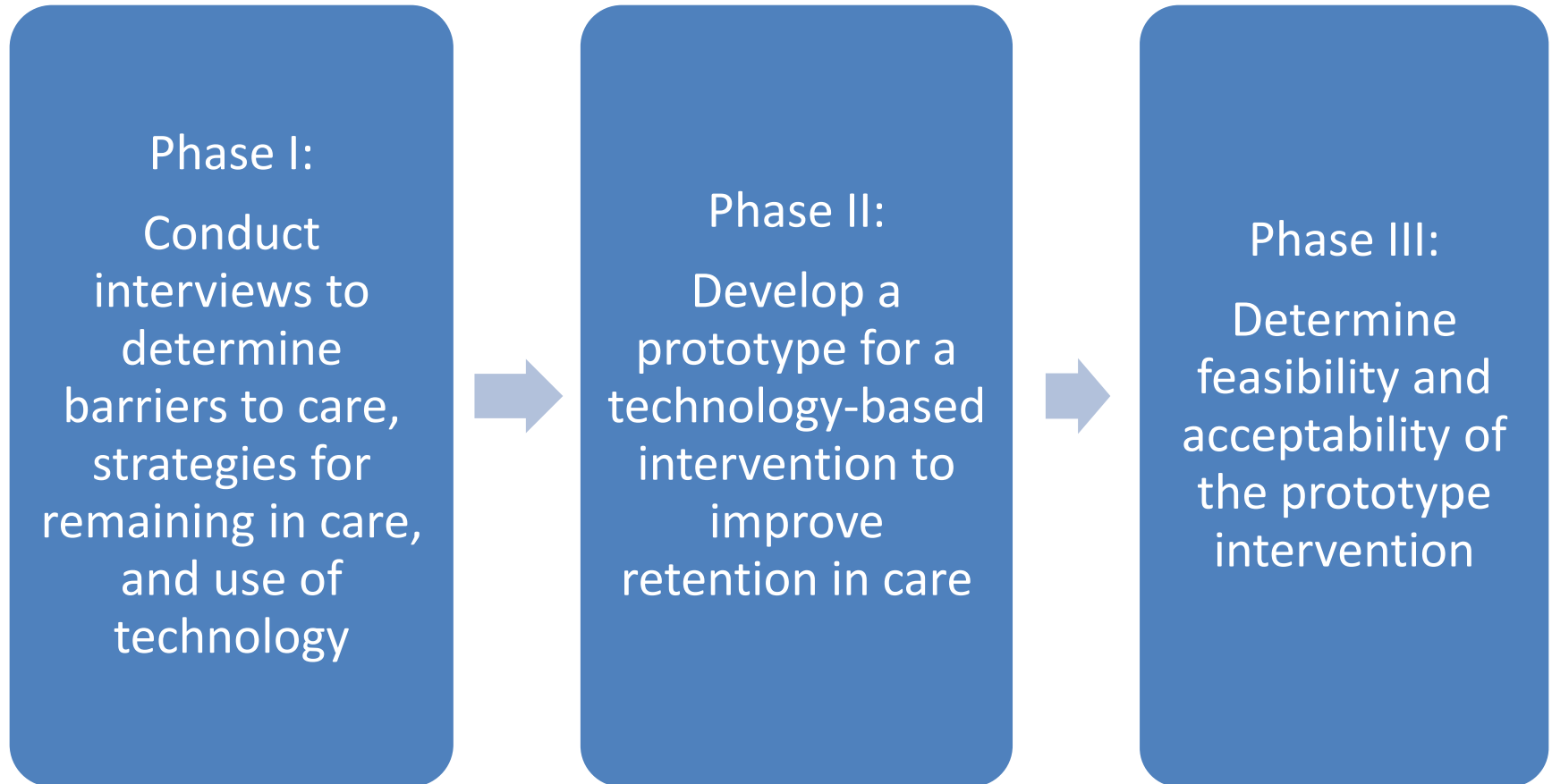
* Any VL or CD4 test during the year

** At least 2 tests, at least 3 months apart

Univ. of Rochester/Strong Memorial Hospital AIDS Center

- Largest HIV/AIDS medical provider in Rochester
- ~ 1100 patients enrolled at the AIDS Center
- Medical home
- AIDS Center has experienced some challenges in retaining Black MSM in care

Project Aims



Strengthen collaborations among Univ. of Rochester and Brown CFARs, local HIV medical service providers, and Health Department

Collaborations

- Long-standing collaboration between Miriam Hospital, Univ. of Rochester, and Monroe County Health Department
- Establish new collaborations with Univ. of Rochester CFAR, the AIDS Center, and other HIV/AIDS medical care providers

Interviews: Eligibility

- Eligibility criteria include:
 - ≥ 18 years
 - Ever had sex with a man
 - Black race
 - Receiving care from the UR AIDS Center
- Recruit individuals who are:
 - Newly diagnosed
 - In care for ≥ 1 year and missed ≥ 2 appointments
 - Have been in care for ≥ 1 year and have attended all scheduled appointments in past year

Interviews: Procedures

- CFAR RN assists with initial recruitment
- RA screens for eligibility
- Participants complete a technology use survey
- Participants complete an in-depth interview about medical care

Progress to Date

- Administrative
 - IRB approvals
 - IAA between Univ. of Rochester and Miriam Hospital
 - Certificate of Confidentiality
- Protocol
 - Developed technology questionnaire and semi-structured interview guide
 - Coordinated with AIDS Center to establish protocol for recruitment
 - Hired and trained study staff
 - Identified a local company with experience developing technology-based health interventions
- Interviews
 - Began conducting interviews and technology use surveys

Challenges

- Coordinating among institutions and centers
- Complying with rules and oversight of all involved parties
- Ensuring the intervention complies with ethical regulations and HIPAA

Future Directions

- Test technology-based intervention in a RCT
- Build on collaborations with the Health Dept. and with medical providers to develop an intervention that addresses more points along the continuum of care

Thank you!

- National Institutes of Health
- Collaborators: Dr. Michael Carey, Dr. Marguerite Urban, Ms. Patricia Coury-Doniger
- University of Rochester CFAR
- Brown University CFAR
- Strong Memorial Hospital AIDS Center