

HIV Epidemic Control in a Time of Constrained Resources for PEPFAR

SAB Report Out

Fred Sawe, Mitchell Warren, Maureen Goodenow



© AP Photo



PEPFAR

U.S. President's Emergency Plan for AIDS Relief

*Supported by Bill & Melinda Gates Foundation and
National Institutes of Health's Office of AIDS Research.*

Meeting Description

- **ACTION ITEM RECOMMENDED BY SAB DURING OCT, 2015 MEETING**
- **VENUE**
 - *February 8-9, 2016, Department of State, Washington, DC USA*
- **CONTEXT & OBJECTIVES**
 - Co-sponsors
 - U.S. Global AIDS Coordinator and Health Diplomacy
 - Bill and Melinda Gates Foundation
 - NIH Health Office of AIDS Research
 - Opportunity for thought-leaders to brainstorm about PEPFAR in the context of new WHO normative guidelines, UNAIDS 90/90/90, and both current and future prevention modalities in an environment of constrained resources
 - Overarching objective
 - To engage global HIV stakeholders for an exchange of information using both breakout and large group discussion formats



Description

- **ATTENDEES**
 - 109 participants
 - Ministries of Health and Finance
 - Civil Society Organizations
 - Clinical Trials Networks
 - UNAIDS
 - Bill & Melinda Gates Foundation
 - Combination Prevention/TasP Trials Study Teams
 - NIH
 - PEPFAR Deputy Principals
- **OUTPUT**
 - Conference summary
 - Time dependent action items
 - Report back to SAB



Conference Leaders

CO-CHAIRS: Mitchel Warren and Myron Cohen

BREAKOUT SESSIONS:

1. Implementation of Current HIV Prevention Tools

FACILITATORS: Mark Harrington & Yogan Pilay

2. Future HIV Prevention Tools in the Pipeline

FACILITATORS: Mary Marovich & Fred Sawe

3. PEPFAR and Secondary Data Analyses

FACILITATORS: Donna Spiegelman & Basia Zada

4. Ongoing & Future Population-Based Studies

FACILITATORS: Meg Doherty & Shenaaz El-Halabi

5. Finance & Affordability

FACILITATORS: Brian Williams & Harsha Thirumurthy



Themes and Reflections



PEPFAR: Finance and Affordability

- **FLAT BUDGETS ARE THE NEW INCREASE**
- **FIND EFFICIENCY GAINS --- STOP WHAT DOESN'T WORK**
- **COLLABORATIONS TO BRING IN MORE RESOURCES AND/OR HELP REDUCE EXPENSES**
- **HOST COUNTRY GOVERNMENTS NEED TO BE ACTIVE PARTICIPANTS AND HEAVILY INVOLVED IN THE ALLOCATION OF COSTS**
 - Example: Donors pay for commodities & other external costs, while countries pay for infrastructure, personnel, service delivery and internal costs

PEPFAR: Finance and Affordability

- WORK WITH COUNTRIES TO EXPLORE **POLICY CHANGES THAT CAN REDUCE COSTS**
 - Example: Reduce taxes on imported supplies or ability to task transfer/share
- **NGOs HAVE A KEY ROLE BUT GOOD MANAGEMENT & COORDINATION ARE ESSENTIAL TO ENSURE THE MONEY IS SPENT CORRECTLY**
- **CONSIDER PERFORMANCE BASED FINANCING AS ONE OPTION**



PEPFAR and Secondary Data Analysis

- **DATA SHOULD BE OPEN ACCESS.**
 - NEED FOR CAPACITY BUILDING FOR DATA ANALYSIS AND DATA USE
- **DEVELOP & IMPLEMENT MECHANISMS TO ASSIST DONORS AND IN-COUNTRY DECISION MAKERS TO IDENTIFY KEY QUESTIONS FOR WHICH EVIDENCE-BASED DECISION-MAKING IS NEEDED**
- **LEVERAGE AVAILABLE DATA RIGHT NOW TO PROVIDE EMPIRICAL EVIDENCE CONCERNING KEY PROGRAMMATIC QUESTIONS**
- **INCREASE OPPORTUNITIES TO LINK INTERVENTION DATA TO COSTS TO INCREASE COST-EFFECTIVENESS ANALYSES**

PEPFAR: Implementation of Current HIV Prevention Tools

- **UNAIDS MANTRA: “KNOW YOUR EPIDEMIC; KNOW YOUR RESPONSE”**
 - KNOW HOW TO ENGAGE WITH THE PEOPLE PEPFAR SEEKS TO SERVE.
REQUIRES A FUNDAMENTAL RE-BOOT OF PREVENTION AND TREATMENT LITERACY EFFORTS WITH A WIDE RANGE OF COMMUNITIES AND STAKEHOLDERS
- **‘WHO IS INFECTING WHOM’?** INCREASE UNDERSTANDING OF TRANSMISSION WITHIN LOCAL POPULATIONS [BY **POPULATION-BASED SURVEYS & PHYLOGENETIC ANALYSIS**] TO IDENTIFY DIFFERENT GROUPS & TO PROVIDE DIFFERENTIATED PREVENTION PACKAGES
- **IMPROVE INTEGRATION OF HIV SERVICES** WITH OTHER KEY HEALTH AREAS; I.E. TB
- **PREP** SHOULD BE **SELF-SELECTED, SIMPLIFIED** AND INCLUDED AS **PART OF A COMPREHENSIVE COMBINATION PREVENTION PACKAGE**

PEPFAR: Implementation of Current HIV Prevention Tools

- **GOVERNMENT ENTITIES NEED TO WORK ACROSS SECTORS & WITH ALL STAKEHOLDERS TO PREVENT STOVEPIPES/SILOS**
- **DEVELOP ORGANIZING FRAMEWORKS FOR NATIONAL HIV-PREVENTION STRATEGIES THAT ARE WELL COORDINATED WITH CARE & TREATMENT**
 - ENGAGEMENT AND DEMAND FROM COMMUNITIES IS INSTRUMENTAL TO SUCCESS OF STRATEGIES & WILL REQUIRE AN INCREASE IN EDUCATION ON CURRENT HIV PREVENTION, CARE AND TREATMENT GUIDELINES (PARTICULARLY PREP AND TEST AND START)



Future HIV Prevention Tools in the Pipeline

- **PEPFAR SHOULD MAKE A RULE: A MARK OF SUCCESS OF EVERY PROGRAM IS THAT IT STARTS WITH COMMUNITY ENGAGEMENT**
- **KNOW YOUR AUDIENCE, YOUR MARKET, YOUR USER, WITH A FOCUS ON USER-CENTERED DESIGN AND “BEGINNING WITH THE END IN MIND.” SCIENTIFIC DEVELOPMENT MUST UNDERSTAND EARLY AND THROUGHOUT THE PROCESS WHAT POTENTIAL USERS WILL WANT TO USE AND HOW THEY WILL USE IT. COMMUNITY ENGAGEMENT MUST BE PRIORITIZED, INTEGRATED AND SUSTAINED IN THE PRODUCT DEVELOPMENT PROCESS**
- **PEPFAR CAN HELP ADVOCATE USER AND HEALTH SYSTEM PERSPECTIVES MUCH EARLIER IN THE PROCESS AMONG STAKEHOLDERS**



Future HIV Prevention Tools in the Pipeline [cont'd]

- **PEPFAR SHOULD BE MORE INVOLVED IN THE EARLY DEVELOPMENT OF THE TOOLS NEEDED FOR PREVENTION AND TREATMENT ACTIVITIES**
- **KEY PIPELINE PRODUCTS AVAILABLE**
 - **NEXT 1-2 YEARS:** MICROBICIDES, WIDE SPREAD ORAL TESTING, WIDE SPREAD VIRAL LOAD
 - **NEXT 5-10 YEARS:** LONG ACTING MICROBICIDES, LONG ACTING ANTIRETROVIRALS, POTENTIALLY VACCINES

Ongoing & Future Population-Based Studies

- **DEFINE WHAT IS MEANT BY “COMBINATION PREVENTION” IN THE TRIALS**
 - DEFINE THE PREVENTION INTERVENTIONS
 - MAP THEIR GEOGRAPHIC SERVICES DELIVERY COVERAGE
 - DEFINE WHAT WILL BE LEARNED
 - HOW WILL THE RESULTS AT THE END OF STUDIES INFLUENCE POLICIES/PROGRAMS
- **IN THE WAKE OF GUIDELINE CHANGES:**
 - **WHAT ABOUT ORAL PrEP IN THE CURRENT PEPFAR COMBO-PREVENTION TRIALS?**
- **LARGE TRIALS PROVIDE OPPORTUNITIES**
 - **TO LEARN HOW TO DELIVER UNIVERSAL TEST & START SERVICES**
 - **BETTER UNDERSTAND HOW TO DELIVER THE LAST 90**
 - HOW TO SCALE VIRAL LOAD TESTING
 - HOW TO DELIVER DIFFERENTIATED CARE

Ongoing & Future Population-Based Studies [cont'd]

- **CREATE A PREVENTION CARE CASCADE: TRACKING WHAT WORKS TO KEEP A PERSON NEGATIVE**
- **IMPLEMENTATION SCIENCE RESEARCH REQUIRES:**
 - RIGOROUS METHODS
 - AN AGENDA WITH INPUT FROM END-USERS
 - ASSESSMENTS OF FEASIBILITY/ACCEPTABILITY
 - INCLUDING COMMUNITY FEEDBACK IN THE PRIORITIZATION PROCESS
- **MECHANISMS TO PROVIDE 'LESSONS LEARNED' IN REAL TIME ARE CRITICAL TO JUSTIFY INVESTMENT AND INFORM PEPFAR PROGRAMS IN COUNTRY**
- **DATA GENERATED MUST BE HIGH QUALITY, TRUE, DISTRIBUTED & AVAILABLE TO ALL STAKEHOLDERS**



Ambassador Birx

30-90 Day Action Items & Status

1. LAUNCH A TASK FORCE TO GENERATE KEY QUESTIONS THAT NEED TO BE ANSWERED THROUGH ANALYSES OF EXISTING DATA

- PRIORITIZE KEY QUESTIONS, AND LINK QUESTIONS WITH THE RELEVANT DATA PLATFORM OPTIONS AVAILABLE.
- USE AN ALLOCATIVE EFFICIENCY AND/OR COST-EFFECTIVENESS ANALYTIC FRAMEWORK TO INFORM STRATEGIC DECISION MAKING.

2. SUPPORT CAPACITY FOR COUNTRY-HOSTED DATA CURATION AND ANALYSES LINKED TO COUNTRY-SPECIFIC ALLOCATIVE EFFICIENCY AND/OR COST-EFFECTIVENESS ANALYSES

3. CONSIDER COUNTRY-SPECIFIC APPROACHES TO EXPAND HIV SELF-TESTING AND HIV VIRAL LOAD MONITORING.

- *COMPLETED DURING PEPFAR COUNTRY OPERATIONAL PLAN DC MANAGEMENT MEETINGS MARCH 2016*



Ambassador Birx

30-90 Day Action Items & Status [cont'd]

4. DEVELOP AND POST A CLEAR DATA DICTIONARY OF ALL THE PREVENTION ACTIVITIES WITHIN THE ONGOING PEPFAR-FUNDED COMBINATION PREVENTION TRIALS – ENSURE HARMONIZATION OF DEFINITIONS

- TRACK ART COVERAGE IN THE INTERVENTIONS IN REAL TIME.
- EVALUATE THE ABILITY OF THE CURRENT PEPFAR FUNDED COMBINATION PREVENTION TRIALS TO ANSWER THE KEY POLICY AND IMPLEMENTATION QUESTIONS FOR TEST & START AND DIFFERENTIAL SERVICE DELIVERY MODELS.
- ENSURE THERE IS A COSTING COMPONENT TO THE CURRENT PEPFAR COMBINATION PREVENTION TRIALS.

5. PEPFAR TO POST ALL THE IMPLEMENTATION SCIENCE AND RESEARCH ACTIVITIES ON THE AVAC TRIALS WEBSITE



Ambassador Birx 30-90 Day Action Items & Status cont'd

6. PEPFAR TO POST THE RESULTS OF ALL THE IMPLEMENTATION SCIENCE AND RESEARCH ACTIVITIES ON ITS WEBSITE
7. **HARNESS THE KNOWLEDGE OF THE AGYW FROM DREAMS INTERVENTION COMMUNITIES**
 - AT THE NEXT DREAMS MEETING, PROVIDE FORUM FOR PRIORITY POPULATIONS, SUCH AS AGYW AND MEN TO INFORM PROGRAM LEADERSHIP ABOUT HOW DREAMS IMPLEMENTATION IS GOING SO FAR AND WHAT IMPROVEMENTS SHOULD BE MADE
8. **ANALYZE CURRENT HOST GOVERNMENT ADMINISTRATIVE ABILITY TO FUND COMMUNITY-BASED ORGANIZATIONS IN PEPFAR COUNTRIES; DISSEMINATE THE FORMATION THROUGH CREATION AND POSTING OF A DASHBOARD (DREAMS)**

