Two Sides of the Same Coin
HIV Research and Public Health Practice in Jamaica

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Public Health Practice

• Center’s History in Jamaica pre-2013

• Community Based Participatory Research
  – Spent time meeting and getting to know the players in HIV advocacy and care
  – Meeting with the Ministry of Health
    • “What are ways in which we can help you.”
    • “What are your priorities?”
Priorities

• Motivational Interviewing

• Evidence Based Interventions targeting MSM
  – 32-33% Rate of HIV in Jamaican MSM
  – Anti-Buggery Law
  – Conservative Environment
Priorities

• Many Men Many Voices (3MV)
  – Identity building and HIV prevention
    • SWAJ
    • The Colour Pink
    • Ashe Company
    • UWI CHARES Clinic
    • Children First
    • CVC
    • JN+
Priorities

• Prevention with Positives (PWP)
  – Only type of intervention which hasn’t been tried;
  – Eight modules with include information on identity, viral load and medications, and disclosure
  – Can be done in a one-on-one counseling session or in a group setting
Simple, Right?

• Challenges:
  – Out of sight, out of mind
  – Attrition
  – Foundation of incentives
  – Workshop fatigue
Motivational Interviewing (MI)

• The “successful” and completed pilot of an evidence based intervention has been MI.

• For those who are unfamiliar with:
• **MI is a method that works on facilitating and engaging intrinsic motivation within the client in order to change behavior. MI is a goal-oriented, client-centered counseling style for eliciting behavior change by helping clients to explore and resolve ambivalence.**
Motivational Interviewing

• The evidence has shown that MI improves outcomes across the HIV continuum of care all the way through viral load suppression, particularly in vulnerable, youth populations.
Motivational Interviewing

• Implementation
  – Two day Workshop
  – Ongoing Coaching for Six Months
    • Standard Patient Protocols
    • Recorded Patient Interactions
  – Each session is scored for fidelity (0-4)
  – Final competency score is provided (3.5/4.0)
Cycle 1 and Cycle 2

- **Cycle 1**: Introduce leadership to this design and to Motivational Interviewing
  - July 2014
- **Cycle 2**: Implement a Train and Trainers workshop to build in sustainability and local capacity
  - January 2015
MI in Jamaica

• Cycle 1, 2014: Submitted a targeted R01 (RFA) to NICHD.
  – Issues with approach
  – Focused on cascade outcomes (Ministry priority)
Cycle 2, Specific Aims

• Aim 1: To test nationwide MI implementation strategies for resource-poor settings guided by the [REMOVED] framework in a mixed methods study.

• Aim 2: To explore the role of the barriers and facilitators to implementation identified in the [REMOVED] framework as these impact on the extent and quality of MI implementation in study sites.

• Aim 3: To determine the cost effectiveness of each implementation strategy by combining cascade and fidelity outcomes attained from Aim 1 with monies spent implementing each approach.
Specific Aim 1

• Aim 1: To test nationwide MI implementation strategies for resource-poor settings in a mixed methods study.
  – Primary Measure: MI Fidelity
  – Secondary Measures: Cascade Outcomes

– Testing and CBOs?
  • Innovative?

Note: SA1 2015 = SA1 and 3 2014
Specific Aim 1

• 2 by 2 Factorial Design
  – However, with 35 Ministry treatment facilities plus 3 NGO sites, each sending three care providers, can we power on fidelity?

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<thead>
<tr>
<th>Coaching</th>
<th>Boosters</th>
<th>Without Boosters</th>
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<tbody>
<tr>
<td>With Coaching</td>
<td>With Boosters</td>
<td>WO+B+C (9 Sites)</td>
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<tr>
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<td>WO+C (9 Sites)</td>
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<tr>
<td>Without Coaching</td>
<td>WO+B (8 Sites)</td>
<td>WO (9 Sites)</td>
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Specific Aim 2

• Aim 2: To explore the role of the barriers and facilitators to implementation identified in the [REMOVED] framework as these impact on the extent and quality of MI implementation in study sites.
  – Qualitative
Specific Aim 3

- Aim 3: To determine the cost effectiveness of each implementation strategy by combining cascade and fidelity outcomes attained from Aim 1 with monies spent implementing each approach.
  - Particularly important when interested in incremental cost
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