Adapting Guideline Implementation to Local Environments (AGILE)

A decision support tool to overcome local barriers to change

For more information contact
Prof. Edmond Ramly, PhD, Family Medicine and Community Health, UW-Madison – Email: ramly@wisc.edu – Twitter: @ramlyed
Overview

• **Why:** To support implementation projects by balancing standardization with the local needs of different sites.

• **Key Message:** Drawing from engineering approaches:
  • One-size-fits-all and to-each-their own are not the only two kinds of solutions for implementation.
  • Configurable solutions give menus of options and let users finish the design to meet their needs.
Why balance standardization and local needs:

• If change implementation doesn’t fit local needs:
  • Lower impact, adoption, and sustainment
  • May increase health equity gap

• Tailoring implementation strategies to fit local needs
  • Helps clinics adopt and sustain change that fits
  • But is time-consuming and expensive

Drawing on configurable solutions used in engineering:

• Provides a mechanism to reduce the time and cost required for tailoring.
• By giving menus of options of barriers linked to matching strategies
Matching local barriers with helpful strategies

**SELECT BARRIER**

**CHOOSE STRATEGIES**

Based on known barrier as in the Consolidated Framework for Implementation Research (CFIR) (Damschroder et al. 2009)

Based on known strategies as in the Expert Recommendations for Implementing Change (ERIC) (Powell et al. 2015)

Based on the published CFIR-ERIC mapping study (Waltz et al. 2019)
AGILE Platform Overall

- Live tutorial walkthrough
### Example with PrEP Implementation (from ISCI)

**BARRIERS IN THE INNER SETTING DOMAIN - CIS-GENDER WOMEN IN NON-HIV CLINICAL CARE SETTING**

<table>
<thead>
<tr>
<th>Determinant</th>
<th>CFIR construct</th>
<th>Study participants - deliverers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Difficulty of providing consistent training to rotating residents and medical students and newly hired staff</td>
<td>Access to knowledge &amp; inform.</td>
<td>Providers and staff</td>
</tr>
<tr>
<td>Lack of institutional clinical guidelines</td>
<td>Available resources</td>
<td>Providers and staff</td>
</tr>
<tr>
<td>Staffing and time constraints</td>
<td>Available resources</td>
<td>Providers and staff</td>
</tr>
<tr>
<td>Lack of time during patient visits</td>
<td>Available resources</td>
<td>PrEP prescribers</td>
</tr>
<tr>
<td>Time required for providers to communicate the importance of adherence</td>
<td>Available resources</td>
<td>HIV specialists or generalists</td>
</tr>
<tr>
<td>Time required for providers to counsel PrEP users on sexual risk reduction</td>
<td>Available resources</td>
<td>HIV specialists or generalists</td>
</tr>
<tr>
<td>Time required for providers to monitor PrEP use and adherence</td>
<td>Available resources</td>
<td>HIV specialists or generalists</td>
</tr>
<tr>
<td>Lack of belief that PrEP education is almost always or always essential in HIV prevention counseling</td>
<td>Compatibility</td>
<td>PrEP prescribers</td>
</tr>
<tr>
<td>Importance of addressing the patient’s primary reason for the visit (vs. HIV prevention)</td>
<td>Culture</td>
<td>Providers and staff</td>
</tr>
<tr>
<td>Lack of sensitivity to the emotional needs of patients seeking abortion</td>
<td>Culture</td>
<td>Providers and staff</td>
</tr>
<tr>
<td>Limited woman-centered patient education materials</td>
<td>Culture</td>
<td>Providers and staff</td>
</tr>
<tr>
<td>Competing priorities during clinical encounters</td>
<td>Relative priority</td>
<td>Providers and staff</td>
</tr>
</tbody>
</table>
AGILE Platform for PrEP Implementation

- Live tutorial walkthrough
How to get an AGILE login

• tinyurl.com/agilelogin
Funding and Partners

Patient Advisors
- WINRS
- CARDS
- Goodman Community Center

Wingra Access Clinic
- Kirsten Rindfleisch
- Mary Vasquez
- Wingra Staff

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- Patrick McBride

Trainees
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- Jane Evered
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- Aisha Khan

Scalability planning
- WREN
- WCHQ
- WiNHR
- MetaStar
- ICTR D&I Launchpad
- UW HIP
- AIDS ISCI/CFAR/EHE
- Cancer Cessation C3I

Software development
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Advice
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- Chris Crnich
- Andrew Quanbeck
- Jane Mahoney
- Byron Powell
- Maichou Lor
- AND YOU!

AGILE – Adapting Guideline Implementation to Local Environments – Edmond Ramly, PhD – Email: ramly@wisc.edu – Twitter: @ramlyed
References

