HIV Implementation Literature Review Dashboard Quick Start Manual
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• Summary statement:
  1. How to use article tab
  2. How to use determinant tab
  3. How to use hybrid tab
Summary

Our team completed a systematic review of U.S. studies that identified multilevel determinants of PrEP implementation using the updated Consolidated Framework for Implementation Research. Determinants were coded using the updated CFIR 2.0. Our database comprised over 1,900 measured determinants from 239 peer-reviewed articles. Data collection was performed during January 2021, in Ovid MEDLINE, PsycINFO, and Web of Science databases. The dashboard was developed using MS Power BI.
HIV Implementation Literature Review Dashboard

# of articles by publication year before Jan 2021

- **239** Count of Article
- **1958** Count of Determinant

### Publication Year

- **2016**: A clinical home for preexposure prophylaxis: Diverse healthcare providers perspectives on the prunew paradox
  - First author: Hoffman, H.
- **2019**: A cross-sectional survey of internal medicine resident knowledge, attitudes, behaviors, and experiences regarding pre-exposure prophylaxis for HIV infection
  - First author: Temdrup, T.
- **2019**: A cross-sectional survey of internal medicine resident knowledge, attitudes, behaviors, and experiences regarding pre-exposure prophylaxis for HIV infection
  - First author: Temdrup, T.
- **2015**: A latent class analysis of risk factors for acquiring HIV among men who have sex with men: Implications for implementing pre-exposure prophylaxis programs
  - First author: Chan, P. A.
- **2018**: A multicomponent approach to evaluating pre-exposure prophylaxis (PrEP) implementation program in five agencies in New York
  - First author: Parnis, D.
- **2018**: A multicomponent approach to evaluating pre-exposure prophylaxis (PrEP) implementation program in five agencies in New York
  - First author: Parnis, D.
- **2018**: A multicomponent approach to evaluating pre-exposure prophylaxis (PrEP) implementation program in five agencies in New York
  - First author: Parnis, D.

### Count of Article by Geographic Region

- **Midwest**: 252
- **Northeast**: 78
- **National**: 34
- **Other/Not Specified**: 14

### Count of Article by Setting

- **Bio/HIV**
- **Health dep.**
- **HIV/Infect**
- **Public**

### Count of Article by Priority Population

- **Gay, bisexual, other MSM**: 123
- **Black/African American**: 123
- **Trans**: 123
- **Hispanic/Latino**: 123
- **General/Other**: 123
- **LGBT**: 123
- **People who inject drugs**: 123
- **AIDS**: 123

### Count of Article by Risk Stratification

- **Low Risk**: 123
- **Medium Risk**: 123
- **High Risk**: 123

### Count of Article by Need for Education

- **Knowledge**: 123
- **Attitude**: 123
- **Behavior**: 123

### Count of Article by Barriers to Implementation

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Facilitators to Implementation

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Implementation Strategies

- **Education**: 123
- **Policy**: 123
- **Behavioral Change**: 123

### Count of Article by Implementation Outcomes

- **Knowledge**: 123
- **Attitude**: 123
- **Behavior**: 123

### Count of Article by Implementation Success Factors

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Implementation Challenges

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Implementation Gaps

- **Knowledge**: 123
- **Attitude**: 123
- **Behavior**: 123

### Count of Article by Implementation Needs

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Implementation Opportunities

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Implementation Strategies

- **Education**: 123
- **Policy**: 123
- **Behavioral Change**: 123

### Count of Article by Implementation Outcomes

- **Knowledge**: 123
- **Attitude**: 123
- **Behavior**: 123

### Count of Article by Implementation Success Factors

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Implementation Challenges

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Implementation Gaps

- **Knowledge**: 123
- **Attitude**: 123
- **Behavior**: 123

### Count of Article by Implementation Needs

- **Cost**: 123
- **Access**: 123
- **Effort**: 123

### Count of Article by Implementation Opportunities

- **Cost**: 123
- **Access**: 123
- **Effort**: 123
How to change tabs
Article tab

- presents data coded from the 239 articles included in the review
Know our dashboard: Article tab

- 1- Counter
- 2- Number of articles by year
- 3- Number of articles by priority population
- 4- Number of articles by setting
- 5- Number of articles by geographical location
- 6- Panel of filters
  - Eraser, will clear your filters
  - Expand, will put your selection in full screen
Example: if you filter by MSM

- You can select the filters on the left to narrow your search.
- Click on the filters to select your inclusion criteria.
- The results of the selection process can be seen in the Counter on the top-center of the dashboard.
Example: Multiple filters within a variable

When you select more than one option within the same filter, the results will show you every paper with one OR another.
Example if you filter by Geographic region
Example after applying various filters

- Articles displayed contain all fields across unique variables (setting and region)
Exploring the graphs

Another way you can filter the articles is by clicking in the graph segments.

Once you select one, all the other graphs are going to apply that same filter and cross tabulate.

You can only choose one variable at time this way.
How to export your search results

1. Place the mouse over the table of results.
2. Click on the "...".
3. Select Export Data.
4. Choose which format to export your selection.
This is how your export will appear in Excel

<table>
<thead>
<tr>
<th>Year</th>
<th>Article</th>
<th>First auth.</th>
<th>Journal</th>
<th>Setting</th>
<th>Study parl</th>
<th>Verbatim</th>
<th>Verbatim recipient</th>
<th>Study participants, if applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>A multicoll Parisi, D.</td>
<td>Journal of CBO/non- Recipients</td>
<td>men who have sex with men at high risk for HIV Inf</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>Adherenc Colson, P.</td>
<td>AIDS and I CBO/non- Recipients</td>
<td>black men who have sex with men and transgender</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>Challenge Rolle, C.</td>
<td>Journal of CBO/non- Recipients</td>
<td>young black MSM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>Pre-expos King, H. L.</td>
<td>AIDS and I CBO/non- Recipients</td>
<td>men who have sex with men</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>Applied filters:Value is Gay, bisexual, other MSMSetting is CBO/non-clinical community sitesStudy participants is Recipients</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Determinants dashboard

Includes data of all determinants coded across the articles; many articles contained numerous determinants
Know our dashboard: Determinant tab

1- Filters
2- Counter
3- Number of articles by CFIR domain x implementation continuum
4- Table of results based on your filters
Example of determinant search

- Articles displayed contain all fields across unique variables
How to export your determinants search

1. Place the mouse over the table of results.
2. Click on the "...".
3. Select Export Data.
4. Choose which format to export your selection.
This is how the exported data appears in Excel.
Hybrid tab

- An alternative visualization that allows you to explore Article and Determinants results at the same time. Filters work in a similar fashion as the other tabs.