**Appendix I: Search Methods**

Search strategy for Prevention Research Synthesis (PRS) Database

* Pre-exposure Prophlaxis (PrEP) 2000 – Present
1. MEDLINE (OVID)
2. CINAHL (EBSCOhost)
3. EMBASE (OVID)
4. PsycINFO (OVID)

Notes:

* Search update is implemented annually for the previous two years to cover publication lag.
* More information on the search methods for the Prevention Research Synthesis (PRS) database can be found here <https://www.cdc.gov/hiv/dhap/prb/prs/index.html>
* Search of the **PRS Database** for this review:

({Specify HIV/AIDS/STD/HBV/HCV prevention focus} = ([PrEP] AND [Behavioral])) AND ( ( {Is it an Intervention or Non-intervention report?} NOT([Systematic review] OR [Non-systematic review] )) AND ( {Keywords} NOT ([FORLNG] OR [INTL] )) )

**MEDLINE PrEP Search (OVID)**

/ = Medical Subject Heading (MeSH) term

ti = title, ab = abstract

$ = truncation, adj = adjacency

**HIV or AIDS or STD MeSH and keywords**

1. HIV infections/
2. AIDS/
3. Sexually Transmitted Diseases/
4. HIV seropositivity/
5. HIV seronegativity/
6. AIDS serodiagnosis/
7. Hepatitis C/
8. HIV.ti,ab
9. (AIDS not hearing).ti,ab
10. Hepatitis C.ti,ab
11. HCV.ti,ab
12. Sexually transmitted disease$.ti,ab
13. Sexually transmitted infection$.ti,ab
14. (STD or STDs or STI or STIs).ti,ab
15. or/1-14

**Pre-Exposure Prophylaxis MeSH and keywords**

1. Pre-Exposure Prophylaxis/
2. Chemoprevention/
3. Pre exposure prophylaxis.ti,ab
4. Preexposure prophylaxis.ti,ab
5. PrEP.ti,ab
6. (Chemoprophylaxis or Chemo prophylaxis or chemoprevention).ti,ab
7. or/16-21
8. 15 and 22

Years = 2000 to present

**CINAHL PrEP search (EBSCOhost)**

MH = CINAHL Subject Headings

TI = title, AB = abstract

\* = truncation

**HIV or AIDS or STD indexing and keywords**

1. (MH "HIV Infections")
2. (MH "Acquired Immunodeficiency Syndrome")
3. (MH "Sexually Transmitted Diseases")
4. (MH "HIV Seropositivity")
5. (MH "HIV Seronegativity")
6. (MH "AIDS Serodiagnosis")
7. (MH "Hepatitis C")
8. TI HIV OR AB HIV
9. TI ( (AIDS not hearing) ) OR AB ( (AIDS not hearing) )
10. TI Sexually transmitted disease\* OR AB Sexually transmitted disease\*
11. TI Sexually transmitted infection\* OR AB Sexually transmitted infection\*
12. TI ( STD or STDs or STI or STIs ) OR AB ( STD or STDs or STI or STIs )
13. TI Hepatitis C OR AB Hepatitis C
14. TI HCV OR AB HCV
15. or/1-14

**Pre-Exposure Prophylaxis indexing and keywords**

1. (MH "Pre-Exposure Prophylaxis")
2. TI Pre exposure prophylaxis OR AB Pre exposure prophylaxis
3. TI Preexposure prophylaxis OR AB Preexposure prophylaxis
4. TI PrEP OR AB PrEP
5. (MH "Chemoprevention")
6. TI Chemoprophylaxis OR AB Chemoprophylaxis
7. TI Chemo prophylaxis OR AB Chemo prophylaxis
8. TI Chemoprevention OR AB Chemoprevention
9. or/16-23
10. 15 AND 24

Years = 2000 to present

**EMBASE PrEP search (OVID)**

/ = EMBASE indexing term

ti = title, ab = abstract

$ = truncation

**HIV or AIDS or STD indexing and keywords**

1. Human Immunodeficiency Virus Infection/
2. Acquired Immune Deficiency Syndrome/
3. Sexually Transmitted Diseases/
4. Serodiagnosis/
5. Hepatitis C virus/
6. HIV.ti,ab
7. (AIDS not hearing).ti,ab
8. Hepatitis C.ti,ab
9. HCV.ti,ab
10. Sexually transmitted disease$.ti,ab
11. Sexually transmitted infection$.ti,ab
12. (STD or STDs or STI or STIs).ti,ab
13. or/1-12

**Pre-Exposure Prophylaxis indexing and keywords**

1. Pre-Exposure Prophylaxis/
2. Pre exposure prophylaxis.ti,ab
3. Preexposure prophylaxis.ti,ab
4. PrEP.ti,ab
5. (Chemoprophylaxis or Chemo prophylaxis or chemoprevention).ti,ab
6. or/14-18
7. 13 and 19

Years: 2000 – present

**PsycINFO PrEP search (OVID)**

/ = PsycINFO indexing term

ti = title, ab = abstract

$ = truncation

**HIV or AIDS or STD indexing and keywords**

1. HIV/
2. AIDS/
3. AIDS Prevention/
4. Sexually Transmitted Diseases/
5. Hepatitis/
6. HIV.ti,ab
7. (AIDS not hearing).ti,ab
8. Hepatitis C.ti,ab
9. HCV.ti,ab
10. Sexually transmitted disease$.ti,ab
11. Sexually transmitted infection$.ti,ab
12. (STD or STDs or STI or STIs).ti,ab
13. or/1-12

**Pre-Exposure Prophylaxis indexing and keywords**

1. Pre exposure prophylaxis.ti,ab
2. Preexposure prophylaxis.ti,ab
3. PrEP.ti,ab
4. (Chemoprophylaxis or chemo prophylaxis or chemoprevention).ti,ab
5. or/14-17
6. 13 and 18
7. Years = 2000 to present