Appendix: Co-location Review Search Methods

Prevention Research Synthesis (PRS) Database

A cumulative database comprised of four automated searches in the following databases:

- Risk Reduction (RR) Search [1988 – 2015]
    1. MEDLINE (OVID)
    2. EMBASE (OVID)
    3. PsycINFO (OVID)
    4. Sociological Abstracts (ProQuest)
- Linkage to, Retention in, and Re-engagement to HIV Care (LRC) Search [1996 – 2015]
    1. MEDLINE (OVID)
    2. CINAHL (EBSCOhost)
    3. EMBASE (OVID)
    4. PsycINFO (OVID)
- Medication Adherence (MA) Search [1996 – 2015]
    1. MEDLINE (OVID)
    2. CINAHL (EBSCOhost)
    3. EMBASE (OVID)
    4. PsycINFO (OVID)
- Overview of Reviews Project (ORP) Search [1988 – 2015]
    1. MEDLINE (OVID)
    2. Cab Global Health (OVID)
    3. CINAHL (EBSCOhost)
    4. EMBASE (OVID)
    5. PsycINFO (OVID)
    6. Sociological Abstracts (ProQuest)

Notes:

- Each search update is implemented annually for the previous two years to cover publication lag.
- The four searches as implemented in MEDLINE (OVID) are provided in this appendix and the searches translated to the other databases are available from the corresponding author.
- The manual search for citations includes a hand search of journals with a high yield of subject specific citations, contacts in the field and reference list checks. Any 2016 publications in the database come from these manual searches.
- More information on the search methods for the Prevention Research Synthesis (PRS) database can be found here http://www.cdc.gov/hiv/dhap/prb/prs/

RISK REDUCTION (RR) SEARCH STRATEGY – MEDLINE (OVID)

Key:
$ = truncation   * = focus
ab = abstract   ti = title
/ut = utilization subheading   /pc = prevention
and control subheading

HIV/AIDS/STDs MeSH

1. *HIV infections/pc
2. *Acquired Immunodeficiency Syndrome/pc
3. *Sexually Transmitted Diseases/pc
4. *Sexually Transmitted Diseases, bacterial/
5. *Sexually Transmitted Diseases, viral/
6. AIDS Serodiagnosis/ut
7. *HIV Seropositivity/

8. or/1-7

PREVENTION/INTERVENTION/EVALUATION/Education MeSH AND KEYWORDS

9. Primary Prevention/
10. Preventive Health Services/
11. Health Promotion/
12. Program Evaluation/
13. Randomized Controlled Trials/
14. Evaluation Studies/
15. Contact Tracing/
16. Case management/
17. Needle-Exchange Programs/
18. Intervention Studies/
19. Follow-Up Studies/
20. Longitudinal Studies/
21. Multicenter Studies/
22. Random Allocation/
23. control group.ti,ab
24. control trial.ti,ab
25. controlled trial.ti,ab
26. (rct or rcts).ti,ab
27. case management.ti,ab
28. contact tracing.ti,ab
29. (counseling or counselling).ti,ab
30. (detox or detoxification).ti,ab

31. (drug$ adj4 treatment$).ti,ab
32. education$.ti,ab
33. (effect or effects or effective or effectiveness).ti,ab
34. efficacy.ti,ab
35. evaluation$.ti,ab
36. impact$.ti,ab
37. intervention$.ti,ab
38. needle exchang$.ti,ab
39. network$.ti,ab
40. outreach$.ti,ab
41. partner notification.ti,ab
42. (partner$ adj4 contact$ adj4 referral$).ti,ab
43. (notif$ adj4 partner$).ti,ab
44. prevention$.ti,ab
45. program$.ti,ab
46. random$.ti,ab
47. rehab$.ti,ab
48. skill$.ti,ab
49. syringe exchang$.ti,ab
50. methadone.ti,ab
51. test$.ti,ab
52. training.ti,ab
53. trial$.ti,ab

54. or/9-53

BEHAVIOR/OUTCOMES MeSH AND KEYWORDS

55. Behavior/
56. Behavior Therapy/
57. Health Behavior/
58. Risk Reduction Behavior/
59. Risk-Taking/
60. Contraception Behavior/
61. Coitus/
62. Sexual Abstinence/
63. Sexual Behavior/
64. Sexual Partners/
65. Safe Sex/
66. Unsafe sex/
67. Heroin Dependence/pc
68. Needle Sharing/
69. Condoms/ut
70. Condoms, female/ut
71. Contraceptive devices, male/ut
72. Contraceptive devices, female/ut
73. Substance abuse, intravenous/pc

74.	Substance-related disorders/pc	Clinical Trial, Controlled Clinical Trial,
75.	Cocaine-related disorders/pc	Corrected and Republished Article,
76.	Health services/ut	Evaluation Studies, Journal Article, Meta-
77.	heroin.ti,ab	Analysis, Multicenter Study, Practice
78.	cocaine.ti,ab	Guideline, Published Erratum, Randomized
79.	opiate$.ti,ab	Controlled Trial, Retraction of Publication,
80.	opium.ti,ab	Review, Review Literature, Systematic
81.	paraphernalia.ti,ab	Reviews, Technical Report, Validation
82.	(treatment$ adj2 entry).ti,ab	Studies
83.	(treatment$ adj2 enter$).ti,ab	
84.	(abstin$ or abstain$).ti,ab	
85.	drug$.ti,ab	
86.	substance.ti,ab	
87.	(idu or idus or ivdu or ivdus).ti,ab	
88.	((behavior$ or behaviour$ or activit$ or access$ or utiliz$ or use$ or using$ or test$ or risk$ or outcome$) adj4 (reduc$ or declin$ or chang$ or effect$ or increas$ or decreas$ or impact$ or modif$ or lower$ or maintain$ or maintenance)).ti,ab	
89.	bleach$.ti,ab	
90.	clean$.ti,ab	
91.	condom$.ti,ab	
92.	contracept$.ti,ab	
93.	crack$.ti,ab	
94.	disclos$.ti,ab	
95.	incidence.ti,ab	
96.	inject$.ti,ab	
97.	intention$.ti,ab	
98.	intercourse.ti,ab	
99.	needle$.ti,ab	
100.	infect$ adj4 (new$ or rate$ or declin$ or reduc$ or prevent$ or lower$ or decreas$).ti,ab	
101.	partner$.ti,ab	
102.	seroconver$.ti,ab	
103.	sex$.ti,ab	
104.	syring$.ti,ab	
105.	test$.ti,ab	
106.	or/55-105	
107.	8 and 54 and 106	

No Language Limit
Year limits (1988 – 2015)

Publication limits:

Linkage to, Retention in, and Re-engagement in HIV Care (LRC) Search Strategy MEDLINE (OVID)

Key:
$ = truncation
ab = abstract   ti = title

Subheadings
/co = complications sh   /dt = drug therapy
/di = diagnosis sh   /nu = nursing sh
/pc = prevention and control   /px = psychology
/th = therapy   /tm =transmission

HIV/HIV POSITIVE PERSON MESH AND KEYWORDS

1. HIV infections/co, dt, di, nu, pc, px, th, tm
2. HIV infect$.ti,ab
3. (HIV adj4 diagnos$).ti,ab
4. HIV positiv$.ti,ab
5. (HIV adj4 care).ti,ab
6. (HIV adj4 treatment$).ti,ab
7. living with HIV.ti,ab
8. or/1-7

LINKING AND RETENTION IN CARE MESH AND KEYWORDS

9. (access$ adj4 care).ti,ab
10. (access$ adj4 barrier$).ti,ab
11. (access$ adj4 (treatment or service$)).ti,ab
12. (barrier$ adj4 care).ti,ab
13. case management.ti,ab
14. case manager$.ti,ab
15. (decreas$ adj4 barrier$).ti,ab
16. (engag$ adj4 (care or service$)).ti,ab
17. (enroll$ adj4 care).ti,ab
18. ((enter$ or entry) adj4 care).ti,ab
19. ((enter$ or entry) adj4 service$).ti,ab
20. (improv$ adj4 access$).ti,ab
21. (improv$ adj4 retention).ti,ab
22. ((kept or keep$ or return$) adj4 appointment$).ti,ab
23. (link$ adj4 (retain$ or retent$)).ti,ab
24. (link$ adj4 care).ti,ab
25. (link$ adj4 case).ti,ab
26. (link$ adj4 treatment).ti,ab
27. (link$ adj4 service$).ti,ab
28. (outreach adj4 (care or link$ or program$)).ti,ab
29. ((provision or provid$) adj4 (care or service$)).ti,ab
30. (reduc$ adj4 barrier$).ti,ab
31. ((re engag$ or reengag$) adj4 (care or treatment or service$)).ti,ab
32. ((re enter$ or reenter$) adj4 (care or treatment or service$)).ti,ab
33. ((refer or refers or referred or referral$) adj4 (care or medical or treatment or clinic or service$)).ti,ab
34. ((retain$ or retent$) adj4 care).ti,ab
35. (seek$ adj4 (care or treatment$)).ti,ab
36. (utiliz$ adj4 (treatment or care or service$)).ti,ab
37. ((medical) adj4 (care or treatment or service$)).ti,ab
38. (gap$ adj2 care).ti,ab
39. (visit adj2 (constan$ or consist$)).ti,ab
40. (appointment$ adj2 adher$).ti,ab
41. ((follow-up or follow up) adj2 discontin$).ti,ab
42. ((miss$ or schedul$) adj2 (visit$ or appointment$)).ti,ab
43. ($contin$ adj2 care).ti,ab
44. or/9-43

45. 8 and 44

No Language Limit
Year limits (1996 – 2015)

Publication limits:
Clinical Trial, Controlled Clinical Trial, Corrected and Republished Article, Evaluation Studies, Journal Article, Meta-Analysis, Multicenter Study, Published Erratum, Randomized Controlled Trial, Retraction of Publication, Review, Review Literature, Technical Report, Validation Studies

Medication Adherence (MA) Search Strategy
MEDLINE (OVID)

Key:
/ = Index Term
$ = truncation
ab = abstract   ti = title
adj2 = within 2 words
adj4 = within 4 words

HIV/AIDS MeSH and Keywords
1. HIV Infections/
2. AIDS/
3. HIV Seropositivity/
4. (living adj4 (hiv or aids)).ti,ab
5. HIV positiv$.ti,ab
6. HIV infected.ti,ab

7. or/1-6

Intervention MeSH and Keywords
8. Intervention Studies/
9. Case management/
10. Directly Observed Therapy/
11. intervention$.ti,ab
12. (therapy or therapies).ti,ab
13. (treatment or treatments).ti,ab
14. medication event monitor$.ti,ab
15. mems.ti,ab
16. modified directly observed.ti,ab
17. mdot.ti,ab
18. directly administered.ti,ab
19. daart.ti,ab
20. directly observed therapy.ti,ab
21. dot.ti,ab

22. or/8-21

HAART MeSH and Keywords

23. Anti-HIV agents/
24. Anti-Retroviral Agents/
25. Antiviral Agents/
26. Antiretroviral Therapy, Highly Active/
27. haart.ti,ab
28. arv.ti,ab
29. art.ti,ab
30. antiretroviral$.ti,ab
31. anti retroviral$.ti,ab

32. antiviral$.ti,ab
33. anti viral$.ti,ab
34. (medication or medications).ti,ab

35. or/23-34

Adherence MeSH and Keywords
36. Patient Compliance/
37. Medication Adherence/
38. adher$.ti,ab
39. nonadher$.ti,ab
40. non adher$.ti,ab
41. complian$.ti,ab
42. non complian$.ti,ab
43. noncomplian$.ti,ab
44. viral load.ti,ab
45. (cd4 adj2 (count or counts)).ti,ab

46. or/36-45

47. 7 and 22 and 35 and 46

No Language Limit
Year limits (1996 – 2015)

Publication limits:
Clinical Trial, Controlled Clinical Trial, Corrected and Republished Article, Evaluation Studies, Journal Article, Meta-Analysis, Multicenter Study, Practice Guideline, Published Erratum, Randomized Controlled Trial, Retraction of Publication, Review, Review Literature, Systematic Reviews, Technical Report, Validation Studies

Overview of Reviews (ORP) Search Strategy
MEDLINE (OVID)
Key:
* = focus MeSH term
adj = adjacency search
ti = title   ab = abstract
pt = publication type   / = MeSH ter
$ = truncation

HIV/AIDS /STD MeSH AND KEYWORDS
1. *HIV infections/
2. *AIDS/
3. *Sexually transmitted diseases/
4. *HIV Seropositivity/
5. *AIDS Serodiagnosis/
6. HIV infect$.ti,ab
7. HIV positiv$.ti,ab
8. HIV care.ti,ab
9. (HIV adj4 incidence).ti,ab
10. (HIV adj4 prevent$).ti,ab
11. (HIV adj4 risk$).ti,ab
12. (HIV adj4 prevalen$).ti,ab
13. (HIV adj4 new$ infect$).ti,ab
14. (HIV adj4 new$ diagnos$).ti,ab
15. (HIV adj4 transm$).ti,ab
16. Sexually transmitted disease$.ti,ab
17. Sexually transmitted infection$.ti,ab
18. (STD or STDs or STI or STIs).ti,ab
19. (living adj4 HIV).ti,ab
20. (living adj4 (AIDS not hearing)).ti,ab

21. or/1-20

SYSTEMATIC REVIEW MeSH AND KEYWORDS

22. Review/ OR Review.pt (Same Search)
23. Meta Analysis/ OR Meta-Analysis.pt

24. 22 OR 23

25. (MEDLINE or MEDLARS or EMBASE or PubMed or Cochrane).ab
26. (PsychINFO or PsycINFO).ab
27. (Sociofile or Sociological Abstracts).ab
28. CINAHL.ab
29. ((hand adj2 search$) or (manual$ adj2 search$)).ab
30. ((electronic or bibliographic or computer$ or online or automat$) adj3 database$).ab

31. or/25-30

32. 24 and 31

33. (meta-anal$ or meta anal$ or metaanal$).ti,ab
34. (systematic$ adj4 review$).ti,ab
35. (systematic$ adj4 overview$).ti,ab
36. (systematic$ adj4 synthes$).ti,ab
37. literature review.ti,ab
38. (literature$ adj4 overview$).ti,ab
39. (literature$ adj4 synthes$).ti,ab
40. (quantitativ$ adj4 review$).ti,ab
41. (quantitativ$ adj4 overview$).ti,ab
42. (quantitativ$ adj4 synthes$).ti,ab
43. (qualitative$ adj4 review$).ti,ab
44. (qualitative$ adj4 overview$).ti,ab
45. (qualitative$ adj4 synthes$).ti,ab
46. (methodolog$ adj4 review$).ti,ab
47. (methodolog$ adj4 overview$).ti,ab
48. (methodolog$ adj4 synthes$).ti,ab
49. (review$ adj4 article$).ti,ab
50. (review$ adj4 (study or studies)).ti,ab
51. (review$ adj4 evidence).ti,ab
52. (review$ adj4 updat$).ti,ab
53. (review$ adj4 (analy$ or anali$)).ti,ab
54. (research adj4 review$).ti,ab
55. (research adj4 overview$).ti,ab
56. (research adj4 synthes$).ti,ab

57. or/33-56

58. 32 or 57

59. 21 and 58

No Language Limit
Year limits (1988 – 2015)
Publication limits:
   Clinical Trial, Controlled Clinical Trial, Corrected and Republished Article, Evaluation Studies, Journal Article, Meta-Analysis, Multicenter Study, Practice Guideline, Published Erratum, Randomized Controlled Trial, Retraction of Publication, Review, Review Literature, Systematic Reviews, Technical Report, Validation Studies

Co-Location Query in the PRS Database

Last Run: April 2016

Keyword search in the title, abstract, and keywords of all citations in the database. Terms have been truncated to capture variations in the use of a prefix and suffix on the terms.

[one-stop shopping] OR [one-stop-shopping] OR [one stop shopping] OR [co-locat] OR [colocat] OR [coordinate service] OR [coordinates service] OR [coordinated service] OR [coordinating service] OR [service coordinat] OR [services coordinat] OR [coordinate care] OR [coordinates care] OR [coordinated care] OR [coordinating care] OR [care coordinat] OR [service integrat] OR [services integrat] OR [integrate treatment] OR [integrates treatment] OR [integrated treatment] OR [integrating treatment] OR [treatment integrat] OR [treatments integrat] OR [integrate service] OR [integrates service] OR [integrated service] OR [integrating service] OR [integrate program] OR [integrated program] OR [care integrat] OR [integrate care] OR [integrates care] OR [integrated care] OR [integrating care] OR [integrate HIV] OR [integrates HIV] OR [integrated HIV] OR [integrating HIV] OR [systems of health care delivery] OR [models of health services delivery] OR [systems of service delivery] OR [integrated service delivery] OR [delivery of health care] OR [delivery of health service] OR [multidisciplinary] OR [multi-disciplinary] OR [on-site] OR [onsite] OR [centraliz] OR [centralis] OR [comprehensive service] OR [comprehensive care] OR [service delivery] OR [integrate ART] OR [integrated ART] OR [integrates ART] OR [integration ART] OR [integrating ART] [ART integrate] OR [ART integrated] OR [ART integrates] OR [ART integration] OR [ART integrating]