S1 Appendix. Full systematic review database search strings

S1 Table A. Search strings for Ovid Medline (in-process & other non-indexed citations and Ovid MEDLINE)

|  |  |
| --- | --- |
| **#** | **Search string** |
| 1 | HIV/ |
| 2 | HIV-1/ |
| 3 | HIV-2/ |
| 4 | HIV Infections/ |
| 5 | (HIV or HIV infect\* or HIV patient or HIV 1 or HIV 2 or HIV 1 infect\* or HIV 2 infect\* or human immunodeficiency virus or human immunodeficiency virus 1 or human immunodeficiency virus 1 infect\* or human immunodeficiency virus 2 or human immunodeficiency virus 2 infect\* or human immunodeficiency virus infect\*).ab,ti. |
| 6 | Acquired Immunodeficiency Syndrome/ |
| 7 | (Acquired immune deficiency syndrome or acquired immunodeficiency syndrome or AIDS).ab,ti. |
| 8 | 1 or 2 or 3 or 4 or 5 or 6 or 7 |
| 9 | "Referral and Consultation"/ |
| 10 | Health Services Accessibility/ |
| 11 | "Quality of Health Care"/ |
| 12 | Quality Indicators, Health Care/ |
| 13 | "Standard of Care"/ |
| 14 | (care adj3 (link\* or enrol\* or consult\* or access\* or engag\* or connect\* or enter or enters or entered or entering or entry or entrance or initiat\* or integrat\* or attend\* or quality or diagnosis)).ab,ti. |
| 15 | "Continuity of Patient Care"/ |
| 16 | (care adj3 (continuum or cascade\*)).ab,ti. |
| 17 | "treatment cascade\*".ab,ti. |
| 18 | 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 |
| 19 | exp Europe/ |
| 20 | exp Asia, Central/ or exp Asia, Northern/ |
| 21 | (Europe\* or "Central Asia" or "Northern Asia" or Albania\* or Armenia\* or Andorra\* or Austria\* or Azerbaijan\* or Belarus\* or Belgium\* or Belgian\* or Bosnia\* or Bulgaria\* or Croatia\* or Cyprus\* or Cypriot\* or Czech\* or Denmark\* or Danish\* or Estonia\* or Finland\* or Finnish\* or France\* or French\* or Georgia\* or German\* or Greece\* or Greek\* or Hungar\* or Iceland\* or Ireland\* or Irish\* or Israel\* or Italy\* or Italian\* or Kazakhstan\* or Kyrgyzstan\* or Latvia\* or Lithuania\* or Malta\* or Maltese\* or Monaco\* or Montenegro\* or Netherlands\* or Holland\* or Dutch\* or Norway\* or Norwegian\* or Poland\* or Polish\* or Portugal\* or Portuguese\* or Moldova\* or Romania\* or Russia\* or "San Marino\*" or Serbia\* or Slovakia\* or Spain\* or Spanish\* or Catalonia\* or Sweden\* or Swedish\* or Swiss\* or Switzerland\* or Tajikistan\* or Macedonia\* or Turkey\* or Turkish\* or Turkmenistan\* or Ukraine\* or UK\* or "United Kingdom\*" or GB\* or Britain\* or British\* or England\* or Scotland\* or Scottish\* or Wales\* or Welsh\* or London\* or Uzbekistan\*).ab,kw,ti. |
| 22 | 19 or 20 or 21 |
| 23 | 8 and 18 and 22 |
| 24 | limit 23 to (english language and yr="2006 -Current") |

 S1 Table B. Search strings for Embase

|  |  |
| --- | --- |
| **[#](http://ovidsp.tx.ovid.com.libproxy.ucl.ac.uk/sp-3.18.0b/ovidweb.cgi?&S=GOANFPDBEDDDJDMENCJKPHDCFEILAA00&Sort+Sets=descending)** | **Search string** |
| 1 | Human immunodeficiency virus/ |
| 2 | Human immunodeficiency virus 1/ |
| 3 | Human immunodeficiency virus 2/ |
| 4 | Human immunodeficiency virus infection/ |
| 5 | Human immunodeficiency virus 1 infection/ |
| 6 | Human immunodeficiency virus 2 infection/ |
| 7 | Human immunodeficiency virus infected patient/ |
| 8 | (HIV or HIV infect\* or HIV patient or HIV 1 or HIV 2 or HIV 1 infect\* or HIV 2 infect\* or human immunodeficiency virus or human immunodeficiency virus 1 or human immunodeficiency virus 1 infect\* or human immunodeficiency virus 2 or human immunodeficiency virus 2 infect\* or human immunodeficiency virus infect\*).ti,ab. |
| 9 | 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 |
| 10 | acquired immune deficiency syndrome/ |
| 11 | AIDS patient/ |
| 12 | (Acquired immune deficiency syndrome or acquired immunodeficiency syndrome or AIDS).ti,ab. |
| 13 | 10 or 11 or 12 |
| 14 | 9 or 13 |
| 15 | patient referral/ |
| 16 | health care access/ |
| 17 | health care quality/ |
| 18 | patient assessment/ |
| 19 | (care adj3 (link\* or enrol\* or consult\* or access\* or engag\* or connect\* or enter or enters or entered or entering or entry or entrance or initiat\* or integrat\* or attend\* or quality or diagnosis)).ti,ab. |
| 20 | patient care/ |
| 21 | (care adj3 (continuum or cascade\*)).ti,ab. |
| 22 | "treatment cascade\*".ti,ab. |
| 23 | 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 |
| 24 | exp Europe/ |
| 25 | exp Asia/ |
| 26 | (Europe\* or "Central Asia" or "Northern Asia" or Albania\* or Armenia\* or Andorra\* or Austria\* or Azerbaijan\* or Belarus\* or Belgium\* or Belgian\* or Bosnia\* or Bulgaria\* or Croatia\* or Cyprus\* or Cypriot\* or Czech\* or Denmark\* or Danish\* or Estonia\* or Finland\* or Finnish\* or France\* or French\* or Georgia\* or German\* or Greece\* or Greek\* or Hungar\* or Iceland\* or Ireland\* or Irish\* or Israel\* or Italy\* or Italian\* or Kazakhstan\* or Kyrgyzstan\* or Latvia\* or Lithuania\* or Malta\* or Maltese\* or Monaco\* or Montenegro\* or Netherlands\* or Holland\* or Dutch\* or Norway\* or Norwegian\* or Poland\* or Polish\* or Portugal\* or Portuguese\* or Moldova\* or Romania\* or Russia\* or "San Marino\*" or Serbia\* or Slovakia\* or Spain\* or Spanish\* or Catalonia\* or Sweden\* or Swedish\* or Swiss\* or Switzerland\* or Tajikistan\* or Macedonia\* or Turkey\* or Turkish\* or Turkmenistan\* or Ukraine\* or UK\* or "United Kingdom\*" or GB\* or Britain\* or British\* or England\* or Scotland\* or Scottish\* or Wales\* or Welsh\* or London\* or Uzbekistan\*).ti,ab,kw. |
| 27 | 24 or 25 or 26 |
| 28 | 14 and 23 and 27 |
| 29 | limit 28 to (english language and yr="2006 -Current") |

S1 Table C. Search string for PubMed

|  |  |
| --- | --- |
| **#** | **Search string** |
| 1 | HIV[MeSH Terms] OR HIV infections[MeSH Terms] |
| 2 | HIV[Title/Abstract] OR HIV infect\*[Title/Abstract] OR HIV patient[Title/Abstract] OR HIV 1[Title/Abstract] OR HIV 2[Title/Abstract] OR HIV 1 infect\*[Title/Abstract] OR HIV 2 infect\*[Title/Abstract] OR human immunodeficiency virus[Title/Abstract] OR human immunodeficiency virus 1[Title/Abstract] OR human immunodeficiency virus 1 infect\*[Title/Abstract] OR human immunodeficiency virus 2[Title/Abstract] OR human immunodeficiency virus 2 infect\*[Title/Abstract] OR human immunodeficiency virus infect\*[Title/Abstract] |
| 3 | Acquired Immunodeficiency Syndrome[MeSH Terms] |
| 4 | Acquired immune deficiency syndrome[Title/Abstract] OR acquired immunodeficiency syndrome[Title/Abstract] OR AIDS[Title/Abstract] |
| 5 | (#1 or #2 or #3 or #4) |
| 6 | "Continuity of Patient Care"[Mesh:NoExp] OR "Quality of Health Care"[Mesh:NoExp] OR "Quality Indicators, Health Care"[Mesh] OR "Standard of Care"[Mesh:NoExp] OR "Referral and Consultation"[Mesh:NoExp] OR "Health Services Accessibility"[Mesh:NoExp] |
| 7 | treatment cascade\*[Title/Abstract] OR continuum\* of care[Title/Abstract] OR care continuum\*[Title/Abstract] OR care cascade\*[Title/Abstract] OR cascade\* of care[Title/Abstract] |
| 8 | care[Title/Abstract]) AND (link\*[Title/Abstract] OR enrol\*[Title/Abstract] OR consult\*[Title/Abstract] OR access\*[Title/Abstract] OR engag\*[Title/Abstract] OR connect\*[Title/Abstract] OR enter[Title/Abstract] OR enters[Title/Abstract] OR entered[Title/Abstract] OR entering[Title/Abstract] OR entry[Title/Abstract] OR entrance[Title/Abstract] OR initiat\*[Title/Abstract] OR integrat\*[Title/Abstract] OR attend\*[Title/Abstract] OR quality[Title/Abstract] OR diagnosis[Title/Abstract]) |
| 9 | (#6 or #7 or #8) |
| 10 | Europe[MeSH Terms] |
| 11 | asia, central[MeSH Terms] OR asia, northern[MeSH Terms] |
| 12 | Europe\*[Title/Abstract] OR "Central Asia"[Title/Abstract] OR "Northern Asia"[Title/Abstract] OR Albania\*[Title/Abstract] OR Armenia\*[Title/Abstract] OR Andorra\*[Title/Abstract] OR Austria\*[Title/Abstract] OR Azerbaijan\*[Title/Abstract] OR Belarus\*[Title/Abstract] OR Belgium\*[Title/Abstract] OR Belgian\*[Title/Abstract] OR Bosnia\*[Title/Abstract] OR Bulgaria\*[Title/Abstract] OR Croatia\*[Title/Abstract] OR Cyprus\*[Title/Abstract] OR Cypriot\*[Title/Abstract] OR Czech\*[Title/Abstract] OR Denmark\*[Title/Abstract] OR Danish\*[Title/Abstract] OR Estonia\*[Title/Abstract] OR Finland\*[Title/Abstract] OR Finnish\*[Title/Abstract] OR France\*[Title/Abstract] OR French\*[Title/Abstract] OR Georgia\*[Title/Abstract] OR German\*[Title/Abstract] OR Greece\*[Title/Abstract] OR Greek\*[Title/Abstract] OR Hungar\*[Title/Abstract] OR Iceland\*[Title/Abstract] OR Ireland\*[Title/Abstract] OR Irish\*[Title/Abstract] OR Israel\*[Title/Abstract] OR Italy\*[Title/Abstract] OR Italian\*[Title/Abstract] OR Kazakhstan\*[Title/Abstract] OR Kyrgyzstan\*[Title/Abstract] OR Latvia\*[Title/Abstract] OR Lithuania\*[Title/Abstract] OR Malta\*[Title/Abstract] OR Maltese\*[Title/Abstract] OR Monaco\*[Title/Abstract] OR Montenegro\*[Title/Abstract] OR Netherlands\*[Title/Abstract] OR Holland\*[Title/Abstract] OR Dutch\*[Title/Abstract] OR Norway\*[Title/Abstract] OR Norwegian\*[Title/Abstract] OR Poland\*[Title/Abstract] OR Polish\*[Title/Abstract] OR Portugal\*[Title/Abstract] OR Portuguese\*[Title/Abstract] OR Moldova\*[Title/Abstract] OR Romania\*[Title/Abstract] OR Russia\*[Title/Abstract] OR "San Marino\*"[Title/Abstract] OR Serbia\*[Title/Abstract] OR Slovakia\*[Title/Abstract] OR Spain\*[Title/Abstract] OR Spanish\*[Title/Abstract] OR Catalonia\*[Title/Abstract] OR Sweden\*[Title/Abstract] OR Swedish\*[Title/Abstract] OR Swiss\*[Title/Abstract] OR Switzerland\*[Title/Abstract] OR Tajikistan\*[Title/Abstract] OR Macedonia\*[Title/Abstract] OR Turkey\*[Title/Abstract] OR Turkish\*[Title/Abstract] OR Turkmenistan\*[Title/Abstract] OR Ukraine\*[Title/Abstract] OR UK[Title/Abstract] OR "United Kingdom\*"[Title/Abstract] OR GB[Title/Abstract] OR Britain\*[Title/Abstract] OR British\*[Title/Abstract] OR England\*[Title/Abstract] OR Scotland\*[Title/Abstract] OR Scottish\*[Title/Abstract] OR Wales\*[Title/Abstract] OR Welsh\*[Title/Abstract] OR London\*[Title/Abstract] OR Uzbekistan\*[Title/Abstract] |
| 13 | (#10 or #11 or #12) |
| 14 | (#5 AND #9 AND #13) |
| 15 | Publication date from 2006/01/01; English |

S1 Table D. Search strings for Web of Science

|  |  |
| --- | --- |
| **#** | **Search string** |
| 1 | (TS=("HIV" OR "HIV infect\*" OR "HIV patient" OR "HIV 1" OR "HIV 2" OR "HIV 1 infect\*" OR "HIV 2 infect\*" OR "human immunodeficiency virus" OR "human immunodeficiency virus 1" OR "human immunodeficiency virus 1 infect\*" OR "human immunodeficiency virus 2" OR "human immunodeficiency virus 2 infect\*" OR "human immunodeficiency virus infect\*")) *AND***LANGUAGE:** (English) Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |
| 2 | (TS=("Acquired immune deficiency syndrome" OR "acquired immunodeficiency syndrome" OR "AIDS")) *AND***LANGUAGE:** (English) Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |
| 3 | #2 OR #1 Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |
| 4 | (TS=(care near/3 (link\* or enrol\* or consult\* or access\* or engag\* or connect\* or enter or enters or entered or entering or entry or entrance or initiat\* or integrat\* or attend\* or quality or diagnosis))) *AND***LANGUAGE:** (English) Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |
| 5 | (TS=(care near/3 (continuum or cascade\*))) *AND***LANGUAGE:** (English) Indexes=SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |
| 6 | (TS="treatment cascade\*") *AND***LANGUAGE:** (English) Indexes=SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |
| 7 | #6 OR #5 OR #4 Indexes=SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |
| 8 | (TS=("Europe\*" or "Central Asia" or "Northern Asia" or "Albania\*" or "Armenia\*" or "Andorra\*" or "Austria\*" or "Azerbaijan\*" or "Belarus\*" or "Belgium\*" or "Belgian\*" or "Bosnia\*" or "Bulgaria\*" or "Croatia\*" or "Cyprus\*" or "Cypriot\*" or "Czech\*" or "Denmark\*" or "Danish\*" or "Estonia\*" or "Finland\*" or "Finnish\*" or "France\*" or "French\*" or "Georgia\*" or "German\*" or "Greece\*" or "Greek\*" or "Hungar\*" or "Iceland\*" or "Ireland\*" or "Irish\*" or "Israel\*" or "Italy\*" or "Italian\*" or "Kazakhstan\*" or "Kyrgyzstan\*" or "Latvia\*" or "Lithuania\*" or "Malta\*" or "Maltese\*" or "Monaco\*" or "Montenegro\*" or "Netherlands\*" or "Holland\*" or "Dutch\*" or "Norway\*" or "Norwegian\*" or "Poland\*" or "Polish\*" or "Portugal\*" or "Portuguese\*" or "Moldova\*" or "Romania\*" or "Russia\*" or "San Marino\*" or "Serbia\*" or "Slovakia\*" or "Spain\*" or "Spanish\*" or "Catalonia\*" or "Sweden\*" or "Swedish\*" or "Swiss\*" or "Switzerland\*" or "Tajikistan\*" or "Macedonia\*" or "Turkey\*" or "Turkish\*" or "Turkmenistan\*" or "Ukraine\*" or "UK" or "United Kingdom\*" or "GB" or "Britain\*" or "British\*" or "England\*" or "Scotland\*" or "Scottish\*" or "Wales\*" or "Welsh\*" or "London\*" or "Uzbekistan\*")) *AND***LANGUAGE:** (English) Indexes=SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |
| 9 | #8 AND #7 AND #3 Indexes=SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, ESCI, CCR-EXPANDED, IC Timespan=2006-2017 |

S1 Table E. Search terms for the Cochrane Library

|  |  |
| --- | --- |
| **#** | **Search string** |
| 1 | MeSH descriptor: [HIV] explode all trees |
| 2 | MeSH descriptor: [Acquired Immunodeficiency Syndrome] explode all trees |
| 3 | "HIV" or "HIV infect\*" or "HIV patient" or "HIV 1" or "HIV 2" or "HIV 1 infect\*" or "HIV 2 infect\*" or "human immunodeficiency virus" or "human immunodeficiency virus 1" or "human immunodeficiency virus 1 infect\*" or "human immunodeficiency virus 2" or "human immunodeficiency virus 2 infect\*" or "human immunodeficiency virus infect\*":ti,ab,kw (Word variations have been searched) |
| 4 | "Acquired immune deficiency syndrome" or "acquired immunodeficiency syndrome" or "AIDS":ti,ab,kw (Word variations have been searched) |
| 5 | MeSH descriptor: [Continuity of Patient Care] this term only |
| 6 | MeSH descriptor: [Quality of Health Care] this term only |
| 7 | MeSH descriptor: [Quality Indicators, Health Care] explode all trees |
| 8 | MeSH descriptor: [Standard of Care] this term only |
| 9 | MeSH descriptor: [Referral and Consultation] this term ony |
| 10 | MeSH descriptor: [Health Services Accessibility] explode all trees |
| 11 | “treatment cascade\*" or "continuum\* of care" or "care continuum\*" or "care cascade\*" or "cascade\* of care":ti,ab,kw (Word variations have been searched) |
| 12 | care and (link\* or enrol\* or consult\* or access\* or engag\* or connect\* or enter or enters or entered or entering or entry or entrance or initiat\* or integrat\* or attend\* or quality or diagnosis):ti,ab,kw (Word variations have been searched) |
| 13 | MeSH descriptor: [Europe] explode all trees |
| 14 | MeSH descriptor: [Asia, Northern] explode all trees |
| 15 | MeSH descriptor: [Asia, Central] explode all trees |
| 16 | Europe\* or "Central Asia" or "Northern Asia" or Albania\* or Armenia\* or Andorra\* or Austria\* or Azerbaijan\* or Belarus\* or Belgium\* or Belgian\* or Bosnia\* or Bulgaria\* or Croatia\* or Cyprus\* or Cypriot\* or Czech\* or Denmark\* or Danish\* or Estonia\* or Finland\* or Finnish\* or France\* or French\* or Georgia\* or German\* or Greece\* or Greek\* or Hungar\* or Iceland\* or Ireland\* or Irish\* or Israel\* or Italy\* or Italian\* or Kazakhstan\* or Kyrgyzstan\* or Latvia\* or Lithuania\* or Malta\* or Maltese\* or Monaco\* or Montenegro\* or Netherlands\* or Holland\* or Dutch\* or Norway\* or Norwegian\* or Poland\* or Polish\* or Portugal\* or Portuguese\* or Moldova\* or Romania\* or Russia\* or "San Marino\*" or Serbia\* or Slovakia\* or Spain\* or Spanish\* or Catalonia\* or Sweden\* or Swedish\* or Swiss\* or Switzerland\* or Tajikistan\* or Macedonia\* or Turkey\* or Turkish\* or Turkmenistan\* or Ukraine\* or UK or "United Kingdom\*" or GB or Britain\* or British\* or England\* or Scotland\* or Scottish\* or Wales\* or Welsh\* or London\* or Uzbekistan\*:ti,ab,kw (Word variations have been searched) |
| 17 | #1 or #2 or #3 or #4 |
| 18 | #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 |
| 19 | #13 or #14 or #15 or #16 |
| 20 | #17 and #18 and #19 Publication Year from 2006 to 2017 |

S1 Table F. Search strings for PsycINFO

|  |  |
| --- | --- |
| **#** | **Search string** |
| 1 | HIV/ |
| 2 | (HIV or HIV infect\* or HIV patient or HIV 1 or HIV 2 or HIV 1 infect\* or HIV 2 infect\* or human immunodeficiency virus or human immunodeficiency virus 1 or human immunodeficiency virus 1 infect\* or human immunodeficiency virus 2 or human immunodeficiency virus 2 infect\* or human immunodeficiency virus infect\*).ab,ti. |
| 3 | AIDS/ |
| 4 | (Acquired immune deficiency syndrome or acquired immunodeficiency syndrome or AIDS).ab,ti. |
| 5 | 1 or 2 or 3 or 4 |
| 6 | "Quality of Care"/ |
| 7 | "continuum of care"/ |
| 8 | (care adj3 (link\* or enrol\* or consult\* or access\* or engag\* or connect\* or enter or enters or entered or entering or entry or entrance or initiat\* or integrat\* or attend\* or quality or diagnosis)).ab,ti. |
| 9 | (care adj3 (continuum or cascade\*)).ab,ti. |
| 10 | "treatment cascade\*".ab,ti. |
| 11 | 6 or 7 or 8 or 9 or 10 |
| 12 | (Europe\* or "Central Asia" or "Northern Asia" or Albania\* or Armenia\* or Andorra\* or Austria\* or Azerbaijan\* or Belarus\* or Belgium\* or Belgian\* or Bosnia\* or Bulgaria\* or Croatia\* or Cyprus\* or Cypriot\* or Czech\* or Denmark\* or Danish\* or Estonia\* or Finland\* or Finnish\* or France\* or French\* or Georgia\* or German\* or Greece\* or Greek\* or Hungar\* or Iceland\* or Ireland\* or Irish\* or Israel\* or Italy\* or Italian\* or Kazakhstan\* or Kyrgyzstan\* or Latvia\* or Lithuania\* or Malta\* or Maltese\* or Monaco\* or Montenegro\* or Netherlands\* or Holland\* or Dutch\* or Norway\* or Norwegian\* or Poland\* or Polish\* or Portugal\* or Portuguese\* or Moldova\* or Romania\* or Russia\* or "San Marino\*" or Serbia\* or Slovakia\* or Spain\* or Spanish\* or Catalonia\* or Sweden\* or Swedish\* or Swiss\* or Switzerland\* or Tajikistan\* or Macedonia\* or Turkey\* or Turkish\* or Turkmenistan\* or Ukraine\* or UK\* or "United Kingdom\*" or GB\* or Britain\* or British\* or England\* or Scotland\* or Scottish\* or Wales\* or Welsh\* or London\* or Uzbekistan\*).ab,ti. |
| 13 | 5 and 11 and 12 |
| 14 | limit 13 to (english language and yr="2006 -Current") |