**Appendix 1: Literature Search Strategy for HIV Patient Navigation**

Online searches performed in all databases: June 2, 2016; August 10, 2017; February 8, 2018; October 15, 2018, August 27, 2019, October 13, 2020.

Supplementary searches performed: October 4, 2017; December 11, 2017; November 6, 2018; August 27, 2019, October 19, 2020.

* Online sources searched – Scopus, Google Scholar, PubMed pre-publication citations
* Journals searched – AIDS and Behavior, AIDS Care, AIDS Patient Care & STDs, Clinical Infectious Diseases, JAIDS

All languages, 1996 – 2020

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| --- | --- |
|  | **MEDLINE (OVID) Query** |
| #3 | #1 AND #2 |
| #2 | Patient Navigation[MeSH] OR “Navigat$.ti,ab” OR “care adj4 coordinat$.ti,ab” OR “((care or peer) adj4 advocat$).ti,ab” OR “(nurse adj2 guid$).ti,ab” OR “coach.ti,ab” OR “shepherd$.ti,ab” OR “((re-integration or re integration) adj4 specialist$).ti,ab” |
| #1 | \*HIV infections[MeSH] OR \*AIDS [MeSH] OR \*HIV Seropositivity [MeSH] OR \*AIDS Serodiagnosis[MeSH] OR “HIV infect$.ti,ab” OR “HIV positiv$.ti,ab” OR “HIV care.ti,ab” OR “HIV adj4 incidence.ti,ab” OR “HIV adj4 prevent$.ti,ab” OR “HIV adj4 risk$.ti,ab” OR “HIV adj4 prevalen$.ti,ab” OR “HIV adj4 new$ infect$.ti,ab” OR “HIV adj4 new$ diagnos$.ti,ab” OR “HIV adj4 transm$.ti,ab” OR “living adj4 HIV.ti,ab” OR “living adj4 (AIDS not hearing).ti,ab” |

Publication limits:Clinical Trial, Controlled Clinical Trial, Corrected and Republished Article, Evaluation Studies, Journal Article, Meta-Analysis, Multicenter Study, Published Erratum, Randomized Controlled Trial, Review, Systematic Reviews

\* = focus MeSH; adj = adjacency search; ti = title; ab = abstract; $ = truncation

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|  | **EMBASE (OVID) Query** |
| #3 | #1 AND #2 |
| #2 | “Navigat$.ti,ab” OR “care adj4 coordinat$.ti,ab” OR “((care or peer) adj4 advocat$).ti,ab” OR “(nurse adj2 guid$).ti,ab” OR “coach.ti,ab” OR “shepherd$.ti,ab” OR “((re-integration or re integration) adj4 specialist$).ti,ab” |
| #1 | \*Human Immunodeficiency Virus Infection[MeSH] OR \*Acquired Immune Deficiency Syndrome[MeSH] OR \*Serodiagnosis[MeSH] OR “HIV infect$.ti,ab” OR “HIV positiv$.ti,ab” OR “HIV care.ti,ab” OR “HIV adj4 incidence.ti,ab” OR “HIV adj4 prevent$.ti,ab” OR “HIV adj4 risk$.ti,ab” OR “HIV adj4 prevalen$.ti,ab” OR “HIV adj4 new$ infect$.ti,ab” OR “HIV adj4 new$ diagnos$.ti,ab” OR “HIV adj4 transm$.ti,ab” OR “living adj4 HIV.ti,ab” OR “living adj4 (AIDS not hearing).ti,ab” |

Publication limits**:** Article, Books, Chapter, Erratum, Reports, Review

\* = focus MeSH; adj = adjacency search; ti = title; ab = abstract; $ = truncation

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|  | **PsycINFO (OVID) Query** |
| #3 | #1 AND #2 |
| #2 | “Navigat$.ti,ab” OR “care adj4 coordinat$.ti,ab” OR “((care or peer) adj4 advocat$).ti,ab” OR “(nurse adj2 guid$).ti,ab” OR “coach.ti,ab” OR “shepherd$.ti,ab” OR “((re-integration or re integration) adj4 specialist$).ti,ab” |
| #1 | \*HIV[MeSH] OR \*AIDS[MeSH] OR \*AIDS Prevention[MeSH] OR “HIV infect$.ti,ab” OR “HIV positiv$.ti,ab” OR “HIV care.ti,ab” OR “HIV adj4 incidence.ti,ab” OR “HIV adj4 prevent$.ti,ab” OR “HIV adj4 risk$.ti,ab” OR “HIV adj4 prevalen$.ti,ab” OR “HIV adj4 new$ infect$.ti,ab” OR “HIV adj4 new$ diagnos$.ti,ab” OR “HIV adj4 transm$.ti,ab” OR “living adj4 HIV.ti,ab” OR “living adj4 (AIDS not hearing).ti,ab” |

Publication limits: Journal, Peer-Reviewed Journal, Non-Peer Reviewed Journal, Peer-Reviewed status unknown, Book, Authored Book, Edited Book

\* = focus MeSH; adj = adjacency search; ti = title; ab = abstract; $ = truncation

|  |  |
| --- | --- |
|  | **CINAHL (EBSCOhost) Query** |
| #3 | #1 AND #2 |
| #2 | (MH "Patient Navigation") OR TI (navigat\*) OR TI (care N4 coordinat\*) OR TI (care N4 advocat\*) OR TI (peer N4 advocat\*) OR TI (nurse N4 guid\*) OR TI (coach) OR TI (shepherd\*) OR TI (re-integration N4 specialist\*) OR TI (re integration N4 specialist\*) OR AB (navigat\*) OR AB (care N4 coordinat\*) OR AB (care N4 advocat\*) OR AB (peer N4 advocat\*) OR AB (nurse N4 guid\*) OR AB (coach) OR AB (shepherd\*) OR AB (re-integration N4 specialist\*) OR AB (re integration N4 specialist\*) |
| #1 | (MM "HIV Infections") OR (MM "Acquired Immunodeficiency Syndrome") OR (MM "HIV Seropositivity") OR (MM "AIDS Serodiagnosis") OR TI (HIV infect\*) OR TI (HIV positiv\*) OR TI (HIV care) OR TI (HIV N4 incidence) OR TI (HIV N4 prevent\*) OR TI (HIV N4 risk\*) OR TI (HIV N4 prevalen\*) OR TI (HIV N4 new\* infect\*) OR TI (HIV N4 new\* diagnos\*) OR TI (HIV N4 transm\*) OR TI (living N4 HIV) OR TI (living N4 (AIDS not hearing) ) OR AB (HIV infect\*) OR AB (HIV positiv\*) OR AB (HIV care) OR AB (HIV N4 incidence) OR AB (HIV N4 prevent\*) OR AB (HIV N4 risk\*) OR AB (HIV N4 prevalen\*) OR AB (HIV N4 new\* infect\*) OR AB (HIV N4 new\* diagnos\*) OR AB (HIV N4 transm\*) OR AB (living N4 HIV) OR AB (living N4 (AIDS not hearing) ) |

MM - Major Concept (focus); MH - Major heading (not focused); TI – Title; AB – Abstract; \*-Truncation;

N# - find words *near* regardless of order