

Literature search strategy

Date of search: 9–16 November 2016

Databases searched from 1 July 2013 to November 2016

Abstracts searched from 2013 to November 2016

Search 1: Antiretrovirals

Search terms	<u>ab(Antiretrovir*) AND (systematic review OR random* OR RCT OR observational OR cohort OR "case control" OR "case-control" OR risk OR economic OR cost) AND preg*</u>
Databases	Embase Embase Alert MEDLINE
Limited by	Females, Humans Date: On or after 01 July 2013 Age group: 31 types searched (i.e. all age groups): adolescent, adolescent father, adolescent mother, adolescent parent, adult, aged , aged hospital patient, baby, boy, brain-damaged child , child, embryo, fetus, frail elderly, gifted child, girl, handicapped child , high-risk infant, hospitalized adolescent , hospitalized child, hospitalized infant, infant, juvenile, middle-aged, newborn, orphaned child, preschool child, school child, suckling, toddler, very elderly Document type: 18 types searched (i.e. not bibliography, biography, case study, commentary, correspondence, dictionary/glossary, editorial, interview, memoir/personal document, news): Article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=650

Cochrane

Search 1: HIV and preg* and antiretrovir* in title/abstract/keywords; date between 2013 and 2016 (searched 9 November 2016)

Databases:	N
Cochrane reviews	7
Other reviews	7
Trials (from Cochrane)	142
Technology assessments	0
Economic evaluations	5

Conference

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	289
International AIDS Conference	44
Conference on Retroviruses and Opportunistic Infections (CROI)	202
European AIDS Clinical Society (EACS)	5
International Congress on Drug Therapy in HIV Infection	11
British HIV Association Annual Conference	14
Children's HIV Association Conference (CHIVA)	1
International Workshop on HIV Paediatrics	19
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	1

American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	1
International Workshop on HIV and Women	10

Search 2: Hepatitis co-infection

Search terms	(HIV OR "human immunodeficiency virus") AND preg* AND (hepatitis OR HBV OR HCV) AND (SR OR "systematic review" OR random OR RCT)
Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: On or after 01 July 2013 Document type: 18 types searched (i.e. not bibliography, biography, case study, commentary, correspondence, dictionary/glossary, editorial, interview, memoir/personal document, news): article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=415

Cochrane

HIV and preg* and hepatitis in title/abstract/keywords; date between 2013 and 2016

Database	N
Cochrane reviews	3
Other reviews	0
Trials (from Cochrane)	15
Technology assessments	0
Economic evaluations	0

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	3
International AIDS Conference	1
Conference on Retroviruses and Opportunistic Infections (CROI)	3
European AIDS Clinical Society (EACS)	24
International Congress on Drug Therapy in HIV Infection	1
British HIV Association Annual Conference	1
Children's HIV Association Conference (CHIVA)	2
International Workshop on HIV Paediatrics	0
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	4
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	5
International Workshop on HIV and Women	1

Search 3: Fetal monitoring and obstetric issues

Search terms	(HIV OR "human immunodeficiency virus") AND preg* AND (SR OR "systematic review" OR random* OR RCT OR observational OR cohort OR "case control" OR "case-control" OR risk OR economic OR cost) AND (vaginal OR Caesarean OR Cesarean OR deliver* OR monitor* OR ECV OR "external cephalic version" OR induc* OR ventouse OR forceps OR instrument* OR episiotomy OR screen* OR CVS OR "chorionic villus sampling" OR amniocentesis OR rupture).
Databases	Embase Embase Alert

	MEDLINE
Limited by	Humans Date: After 01 July 2013 Document type: 18 types searched (i.e. not bibliography, biography, case study, commentary, correspondence, dictionary/glossary, editorial, interview, memoir/personal document, news): article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=1652

Cochrane

HIV and preg* and deliver* in title/abstract/keywords; date between 2013 and 2016 (searched 10 November 2016)

Databases:	N
Cochrane reviews	8
Other reviews	1
Trials (from Cochrane)	108
Technology assessments	0
Economic evaluations	0

Search 3a.i: HIV and preg* and fetal and monitor* in title/abstract/keywords; date between 2013 and 2016 (searched 10 November 2016)

N=0

Search 3a.ii: HIV and preg* and induc* and (labor or labour) in title/abstract/keywords; date between 2013 and 2016 (searched 10 November 2016)

N=0

Search 3a.iii: HIV and preg* and (ECV or external cephalic version)

N=0

Search 3a.iv: HIV and preg* and episiotomy

N=0

Search 3b: HIV and preg and (instrument* or ventouse or forceps)*

Databases:	N
Cochrane reviews	2
Other reviews	0
Trials (from Cochrane)	1
Technology assessments	0
Economic evaluations	0

Search 3c: HIV and preg and (anomaly or CVS or "chorionic villus sampling" or amniocentesis)*

Databases:	N
Cochrane reviews	0
Other reviews	0
Trials (from Cochrane)	4
Technology assessments	0
Economic evaluations	0

Search 3d: HIV and preg and rupture*

Databases:	N
Cochrane reviews	0
Other reviews	0
Trials (from Cochrane)	3
Technology assessments	0

Economic evaluations	0
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Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	3
International AIDS Conference	1
Conference on Retroviruses and Opportunistic Infections (CROI)	0
European AIDS Clinical Society (EACS)	0
International Congress on Drug Therapy in HIV Infection	0
British HIV Association Annual Conference	0
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	0
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	4

Search 4: Neonatal issues

Search terms	(HIV OR "human immunodeficiency virus") AND (SR OR "systematic review" OR random* OR RCT OR observational OR cohort OR "case control" OR "case-control" OR risk OR economic OR cost) AND (prophyla* OR treat* OR intrapartum OR neonat* OR breast OR bottle OR formula OR feed* OR fed OR test*)
Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: After 01 July 2013 Age group: 6 types searched Baby, High-risk infant, Hospitalized infant, Infant, Newborn, Suckling Document type: 18 types searched (i.e. not bibliography, biography, case study, commentary, correspondence, dictionary/glossary, editorial, interview, memoir/personal document, news): article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=1331

Cochrane

HIV and (infant or baby or neonate or newborn) and (treat* or prophyla*) in title/abstract/keywords; date between 2013 and 2016 (searched 10 November 2016)

Databases:	N
Cochrane reviews	13
Other reviews	1
Trials (from Cochrane)	190
Methods studies	0
Technology assessments	0
Economic evaluations	2

Search 4a: HIV and (infant or baby or neonate or newborn) and (breast or bottle or formula or feed* or fed) in title/abstract/keywords; date between 2013 and 2016 (searched 10 November 2016)

Databases:	N
Cochrane reviews	1
Other reviews	0
Trials (from Cochrane)	102
Methods studies	0
Technology assessments	0

Economic evaluations	2
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Search 4b: HIV and (infant or newborn or neonate or baby) and (test or diagno*) in title/abstract/keywords; date between 2013 and 2016 (searched 10 November 2016)

Databases:	N
Cochrane reviews	6
Other reviews	1
Trials (from Cochrane)	135
Methods studies	0
Technology assessments	0
Economic evaluations	2

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	97
International AIDS Conference	1
Conference on Retroviruses and Opportunistic Infections (CROI)	34
European AIDS Clinical Society (EACS)	1
International Congress on Drug Therapy in HIV Infection	1
British HIV Association Annual Conference	2
Children's HIV Association Conference (CHIVA)	1
International Workshop on HIV Paediatrics	49
International Conference on Antimicrobial Agents and Infectious Disease ICAAC	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	4

Search 5: Investigations and monitoring in pregnancy

Search terms	(a) (HIV OR "human immunodeficiency virus") AND (SR OR "systematic review" OR random* OR RCT OR observational OR cohort OR "case control" OR "case-control" OR risk OR economic OR cost) AND preg* AND (test* OR monitor* or investigat* OR response OR toxic*) (b) (HIV OR "human immunodeficiency virus") AND (SR OR "systematic review" OR random* OR RCT OR observational OR cohort OR "case control" OR "case-control" OR risk OR economic OR cost) AND preg* AND (screen* OR treat* OR manage*) AND (infect* OR genital OR herpes OR syphilis OR chlamydia OR gonor* OR HPV OR wart OR STI OR "sexually transmitted").
Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: On or after 1 July 2013 Document type: 18 types searched (i.e. not bibliography, biography, case study, commentary, correspondence, dictionary/glossary, editorial, interview, memoir/personal document, news): article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	(a) N=1801; (b) N=1705

Cochrane

Search 5a: HIV and preg* and (test* or monitor* or response or toxic* or investigat*) in title/abstract/keywords; date between 2013 and 2016 (searched 10 November 2016)

Databases:	N
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Cochrane reviews	23
Other reviews	1
Trials (from Cochrane)	193
Methods studies	0
Technology assessments	0
Economic evaluations	3

Search 5b: HIV and preg* and (screen* or treat* or manage*) and (infect* or genital or herpes or syphilis or chlamydia or gonor* or HPV or wart or STI or "sexually transmitted") in title/abstract/keywords; date between 2013 and 2016 (searched 10 November 2016)

Databases	N
Cochrane reviews	24
Other reviews	2
Trials (from Cochrane)	176
Methods studies	0
Technology assessments	0
Economic evaluations	6

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	7
International AIDS Conference	1
Conference on Retroviruses and Opportunistic Infections (CROI)	0
European AIDS Clinical Society (EACS)	1
International Congress on Drug Therapy in HIV Infection	9
British HIV Association Annual Conference	2
Children's HIV Association Conference (CHIVA)	2
International Workshop on HIV Paediatrics	2
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	3
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	4

Search 6: Elite controllers (HIV-positive people who maintain an undetectable HIV viral loads without the use of HIV drugs)

Search terms	HIV AND preg* and "elite control*"
Databases	Embase Embase Alert MEDLINE
Limited by	Females, Humans Date: After 01 July 2013 Document type: 18 types searched(i.e. not bibliography, biography, case study, commentary, correspondence, dictionary/glossary, editorial, interview, memoir/personal document, news): article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=1

Cochrane

"elite control*" and 2013 onwards

N=2 trials

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	0
International AIDS Conference	0
Conference on Retroviruses and Opportunistic Infections (CROI)	50
European AIDS Clinical Society (EACS)	0
International Congress on Drug Therapy in HIV Infection	0
British HIV Association Annual Conference	1
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	0
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	0

Search 7: Use of cabergoline

Search terms	HIV AND cabergoline
Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: After 01 July 2013 Document type: 18 types searched article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=2

Cochrane

HIV and cabergoline and 2013 onwards

N=0

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	0
International AIDS Conference	0
Conference on Retroviruses and Opportunistic Infections (CROI)	0
European AIDS Clinical Society (EACS)	0
International Congress on Drug Therapy in HIV Infection	0
British HIV Association Annual Conference	0
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	0
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	0

Search 8: Postnatal depression and HIV

Search terms	HIV AND "postnatal depression"
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Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: After 01 July 2013 Document type: 18 types searched article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=15

Cochrane

HIV AND (reten* OR engage* OR remain* OR continu* OR default* OR discontinue* OR LTFU OR "loss to follow up" OR "lost to follow up") AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal") and 2013 onwards
N=6 trials

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	1
International AIDS Conference	0
Conference on Retroviruses and Opportunistic Infections (CROI)	1
European AIDS Clinical Society (EACS)	0
International Congress on Drug Therapy in HIV Infection	0
British HIV Association Annual Conference	0
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	0
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	1

Search 9: Retention in care postpartum

Search terms	HIV AND (reten* OR engage* OR remain* OR continu* OR default* OR discontinue* OR LTFU OR "loss to follow up" OR "lost to follow up") AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal")
Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: After 01 July 2013 Document type: 18 types searched article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=239

Cochrane

HIV AND (reten* OR engage* OR remain* OR continu* OR default* OR discontinue* OR LTFU OR "loss to follow up" OR "lost to follow up") AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal") and 2013 onwards:
N=6 trials

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	3
International AIDS Conference	2
Conference on Retroviruses and Opportunistic Infections (CROI)	8
European AIDS Clinical Society (EACS)	5
International Congress on Drug Therapy in HIV Infection	1
British HIV Association Annual Conference	4
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	9
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	5
International Workshop on HIV and Women	6

Search 10: Postpartum adherence and psychosocial support

Search terms	(a) HIV AND adhere* AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal") (b) HIV AND support AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal")Limits
Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: After 01 July 2013 Document type: 18 types searched article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=29, N=92

Cochrane

10a: HIV AND adhere* AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal") and 2013 onwards:
N=5 trials

10b: HIV AND support AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal") and 2013 onwards:
N=3 trials

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	0
International AIDS Conference	2
Conference on Retroviruses and Opportunistic Infections (CROI)	5
European AIDS Clinical Society (EACS)	9
International Congress on Drug Therapy in HIV Infection	2
British HIV Association Annual Conference	4
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	5
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	4

Search 11: Clinical management of postpartum women

Search terms	HIV AND (treat* OR manage* OR therap* OR care) AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal")
Databases	Embase Embase Alert MEDLINE
Limited by	Date: After 01 July 2013 Document type: 18 types searched article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=211

Cochrane

HIV AND (treat* OR manage* OR therap* OR care) AND (post-partum OR "post partum" OR "after delivery" OR post-natal OR "post natal") and 2013 onwards;

N=23 trials

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	0
International AIDS Conference	1
Conference on Retroviruses and Opportunistic Infections (CROI)	18
European AIDS Clinical Society (EACS)	0
International Congress on Drug Therapy in HIV Infection	0
British HIV Association Annual Conference	1
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	2
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	0

Search 12: Bonding advice

Search terms	HIV AND bond* AND (infant OR neonate OR child OR baby)
Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: After 01 July 2013 Document type: 18 types searched article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=48

Cochrane

HIV AND bond* AND (infant OR neonate OR child OR baby) and 2013 onwards;

N=1 trial

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	3
International AIDS Conference	0
Conference on Retroviruses and Opportunistic Infections (CROI)	0
European AIDS Clinical Society (EACS)	0
International Congress on Drug Therapy in HIV Infection	0
British HIV Association Annual Conference	0
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	0
International Conference on Antimicrobial Agents and Infectious Disease (ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	0

Search 13: Multidisciplinary team

Search terms	HIV AND (multidisciplinary OR MDT) AND (preg* OR deliver* or postnatal OR post-natal OR birth OR "post partum" OR post-partum)
Databases	Embase Embase Alert MEDLINE
Limited by	Humans Date: After 01 July 2013 Document type: 18 types searched article, book, book chapter, conference, conference paper, conference proceeding, correction/retraction, directory, feature, government & official document, instructional material/guideline, patent, reference document, report, review, speech/lecture, technical report, undefined Language: English
Results	N=111

Cochrane

N=4 trials

Conferences

Conference	N
IAS Conference on HIV Pathogenesis and Treatment	24
International AIDS Conference	0
Conference on Retroviruses and Opportunistic Infections (CROI)	6
European AIDS Clinical Society (EACS)	0
International Congress on Drug Therapy in HIV Infection	0
British HIV Association Annual Conference	0
Children's HIV Association Conference (CHIVA)	0
International Workshop on HIV Paediatrics	0
International Conference on Antimicrobial Agents and Infectious Disease(ICAAC)	0
American Association for the Study of Liver Disease (AASLD)	0
European Association for the Study of the Liver (EASL)	0
International Workshop on HIV and Women	1