



**INFORME DE BÚSQUEDA SISTEMÁTICA DE EVIDENCIA DE LOS EFECTOS
DESEABLES E INDESEABLES**

Guía de Práctica Clínica Síndrome de la inmunodeficiencia
adquirida VIH/SIDA - 2017

Índice

TABLA RESUMEN.....	2
ESTRATEGIA DE BÚSQUEDA.....	3
CRITERIOS DE INCLUSIÓN	3
RECOLECCIÓN, ANÁLISIS Y SÍNTESIS DE DATOS	4
Selección de las revisiones.....	4
Mapeo de la evidencia.....	4
Actualización – “ <i>Living</i> ”	4
Apéndice 1. Estrategias de búsqueda.....	5
Apéndice 2. Diagrama de flujo prisma.....	8
Apéndice 3. Referencias seleccionadas	9

TABLA RESUMEN

Problema de salud	VIH/SIDA
ICD10	B20-B24
Fecha de entrega	08/10/2017
Investigador responsable	Gabriel Rada Giacaman
Número de revisiones sistemáticas	1,073
Número de preguntas	79
L·OVE	Human immunodeficiency virus (HIV) disease
L·OVE URL	https://love.epistemonikos.org/#/diseases/594c4619eadaf2ec9627a5cb/about

ESTRATEGIA DE BÚSQUEDA

Se realizaron búsquedas en Epistemonikos, una base de datos exhaustiva de revisiones sistemáticas relevantes para la toma de decisiones en salud. La búsqueda de evidencia fue realizada en las siguientes bases de datos¹ con las estrategias descritas en el Apéndice 1.

1. Cochrane database of systematic reviews (CDSR)
2. Database of Abstracts of Reviews of Effectiveness (DARE)
3. HTA Database
4. PubMed
5. LILACS
6. CINAHL.
7. PsychINFO.
8. EMBASE.
9. EPPI-Centre Evidence Library
10. 3ie Systematic Reviews and Policy Briefs Campbell Library
11. Clinical Evidence.
12. SUPPORT Summaries
13. WHO Institutional Repository for Information Sharing
14. NICE public health guidelines and systematic reviews
15. ACP Journal Club.
16. Evidencias en Pediatría
17. The JBI Database of Systematic Reviews and Implementation Reports

CRITERIOS DE INCLUSIÓN

Consideramos todas las revisiones sistemáticas que están sintetizando estudios primarios (tanto experimentales como observacionales) de acuerdo con la definición empleada por la Colaboración Cochrane y la declaración PRISMA.²

Una revisión elegible debe cumplir con los siguientes criterios operacionales:

1. Reporta una búsqueda en al menos una base de datos electrónica.
2. Reporta al menos uno de los siguientes criterios inclusión de los estudios:
 - **Tipo de participantes:** Se incluyen todas las revisiones sistemáticas que resuman estudios que respondan la pregunta acerca de intervenciones para el alivio del dolor por cáncer avanzado y cuidados paliativos en humanos.

¹ La actualización se realiza de manera semanal. Se encuentra disponible en la plataforma digital un sistema de alerta que permite informar a través de correo electrónico la publicación de nuevos estudios que dan respuesta a las preguntas definidas, de manera de mantener continuamente actualizada la evidencia.

² “Una revisión sistemática intenta recopilar toda la evidencia empírica para responder a una pregunta de investigación específica, que cumple con criterios previamente definidos. Utiliza métodos explícitos y sistemáticos, que se eligen con miras a minimizar el sesgo, de manera de entregar hallazgos confiables que permitan sacar conclusiones y tomar decisiones”.

- **Tipo de desenlaces:** Se incluyen revisiones que presentan una síntesis (cuantitativa o cualitativa) de al menos un desenlace importante para el paciente u otra información relevante para tomar decisiones poblacionales o individuales acerca de intervenciones para el alivio del dolor por cáncer avanzado y cuidados paliativos en humanos.

RECOLECCIÓN, ANÁLISIS Y SÍNTESIS DE DATOS

SELECCIÓN DE LAS REVISIONES

Al menos dos revisores, de manera independiente, realizaron el cribado de los títulos y resúmenes para identificar los artículos relevantes. El texto completo de las revisiones potencialmente elegibles fue recuperado y evaluado, de manera independiente, para su inclusión final. Un tercer investigador resolvió cualquier discrepancia que pudiera haberse provocado entre los distintos revisores.

MAPEO DE LA EVIDENCIA

Con el objetivo de generar un listado exhaustivo de todas las posibles preguntas relacionadas con el tópico del L·OVE: *Human immuno deficiency virus (HIV) disease*³, se realiza la agrupación de las revisiones resultantes en formato PICO, es decir: población, intervención, comparación y desenlace [*outcome*]) utilizamos las siguientes fuentes:

1. Guías y documentos
2. Criterios de inclusión de las revisiones sistemáticas identificadas
3. Consulta con expertos
4. Retroalimentación de los usuarios

Como resultado final la plataforma incluye toda la evidencia disponible en revisiones sistemáticas y sus estudios primarios incluidos, segregada por nodos de evidencia que representan cada una de las preguntas priorizadas para actualización de la guía (Ver “Diagrama de flujo PRISMA” en Apéndice 2 y “Referencia Seleccionada” en Apéndice 3).

ACTUALIZACIÓN – “LIVING”

Todas las búsquedas a través de esta plataforma se mantienen continuamente actualizada gracias a la tecnología implementada en el buscador de Epistemonikos y sus distintos colaboradores. Por lo cual, tanto la cantidad de revisiones, preguntas, entre otros datos cambian continuamente. Los datos presentados en este informe son los correspondientes a la fecha de entrega.

³Ver resultados de la búsqueda en: <https://love.epistemonikos.org/#/diseases/594c4619eadaf2ec9627a5cb/about>

APÉNDICE 1. ESTRATEGIAS DE BÚSQUEDA

Cochrane Library - Cochrane database of systematic reviews (CDSR)

<http://www.thecochranelibrary.com>

(HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome))), in Title, Abstract, Keywords: Cochrane Reviews (Reviews NOT protocols)

Medline/PubMed - US National Library of Medicine

<http://www.ncbi.nlm.nih.gov/pubmed/>

(HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome))) AND (MEDLINE[Title/Abstract] OR (systematic[Title/Abstract] AND review[Title/Abstract]) OR meta analysis[Publication Type])

EMBASE (Excerpta Medica dataBASE)

<http://www.embase.com>

Frequency of search: weekly
(HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome))) AND meta-analysis.tw. OR systematic review.tw

CINAHL (Cumulative Index to Nursing and Allied Health Literature)

<https://www.ebscohost.com/nursing/products/cinahl-databases/the-cinahl-database>

(HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome))) AND ((TI meta analys* or AB meta analys*) or (TI systematic review or AB systematic review))

PsycINFO

<http://www.apa.org/pubs/databases/psycinfo>

(HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome))) AND (meta-analysis OR search*)

[LILACS \(Literatura Latinoamericana y del Caribe en Ciencias de la Salud\)](#)

<http://lilacs.bvsalud.org/en/>

(HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome))) AND (tw:"revision sistematica" or tw:"revisao sistematica" or tw:"systematic review") or ((MH:"Literatura de Revision como asunto" OR MH:"Metanalisis como asunto" OR PT:Revision OR PT:Metanalisis) and (TW:Metaanal\$ OR TW:"Meta-analysis" OR TW:"Meta-analise" OR TW:"Meta-analysis" OR TI:overview\$ or TW:"estudio sistematico" OR TW:"systematic study" OR TW:"estudo sistematico" OR TI:review OR TI:revisao OR TI:revision))

[DARE \(Database of Abstracts of Reviews of Effectiveness\) - Centre for Reviews and Dissemination, University of York](#)

<http://www.crd.york.ac.uk/CRDWeb/>

HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome)), in Any field: CRD assessed review (bibliographic)/ CRD assessed review (full abstract)

[HTA](#)

[Database](#)

<http://www.crd.york.ac.uk/CRDWeb/>

HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome)), in Any field

[The Campbell Collaboration Online Library](#)

<https://www.campbellcollaboration.org/library.html>

HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome)), in Title: Review

[JBI Database of Systematic Reviews and Implementation Reports](#)

<http://journals.lww.com/jbisrir/pages>

HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND

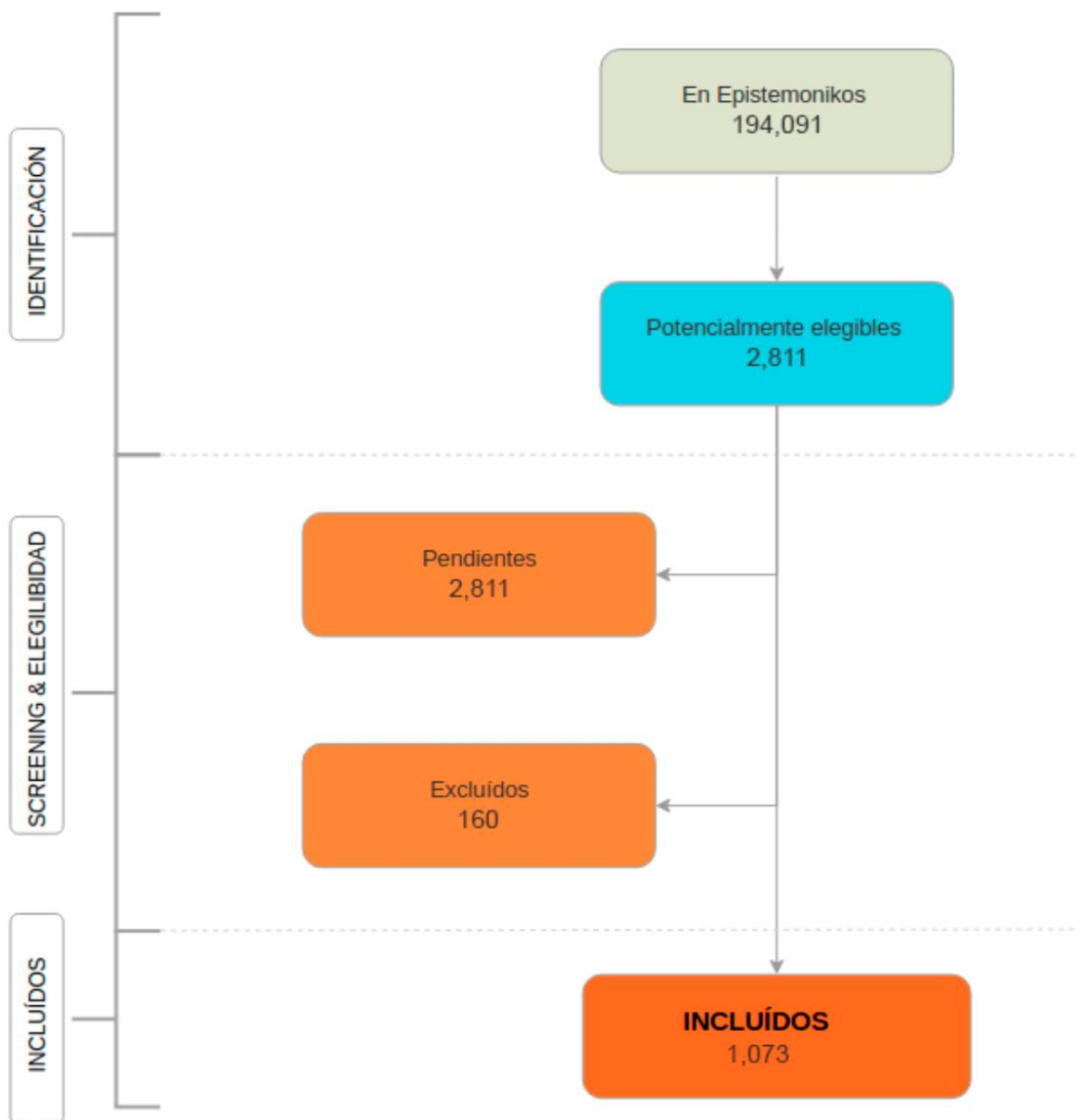
(immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome)) AND (review OR meta*), in All fields

[EPPI-Centre Evidence Library](#)

<http://eppi.ioe.ac.uk/cms/Default.aspx?tabid=56>

HIV OR hiv-1 OR hiv-2 OR hiv1 OR hiv2 OR (human AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND virus) OR (AIDS AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency OR virus)) OR (acquired AND (immunodeficiency OR immuno-deficiency OR immune-deficiency OR immunodeficiency) AND (virus OR syndrome)) All records in chronological list (<http://eppi.ioe.ac.uk/cms/Default.aspx?tabid=62>)

APÉNDICE 2. DIAGRAMA DE FLUJO PRISMA



APÉNDICE 3. REFERENCIAS SELECCIONADAS

1. Oluoch T, Santas X, Kwaro D, Were M, Biondich P, Bailey C, Abu-Hanna A, de Keizer N. The effect of electronic medical record-based clinical decision support on HIV care in resource-constrained settings: a systematic review. *International journal of medical informatics*. 2012;81(10):e83-92.
2. Moyle G, Sawyer W, Law M, Amin J, Hill A. Changes in hematologic parameters and efficacy of thymidine analogue-based, highly active antiretroviral therapy: a meta-analysis of six prospective, randomized, comparative studies. *Clinical therapeutics*. 2004;26(1):92-7.
3. Ford N, Nachega JB, Engel ME, Mills EJ. Directly observed antiretroviral therapy: a systematic review and meta-analysis of randomised clinical trials. *Lancet*. 2009;374(9707):2064-71.
4. Sivakumar T, Mechanic O, Fehmie DA, Paul B. Growth hormone axis treatments for HIV-associated lipodystrophy: a systematic review of placebo-controlled trials. *HIV medicine*. 2011;12(8):453-62.
5. Pineda-Peña AC, Bello DC, Sussmann O, Vandamme AM, Vercauteren J, van Laethem K, Gómez-López A. HIV-1 transmitted drug resistance in Latin America and the Caribbean: what do we know?. *AIDS reviews*. 2012;14(4):256-67.
6. Zeng H, Chow EP, Zhao Y, Wang Y, Tang M, Li L, Tang X, Liu X, Zhong Y, Wang A, Lo YR, Zhang L. Prevention of mother-to-child HIV transmission cascade in China: a systematic review and meta-analysis. *Sexually transmitted infections*. 2015;92(2):116-23.
7. Adel Ferreira, Taryn Young, Catherine Mathews, Moleen Zunza, Nicola Low. Strategies for partner notification for sexually transmitted infections, including HIV. *Cochrane Database of Systematic Reviews*. 2013;10(10):CD002843.
8. Permpalung N, Putcharoen O, Avihingsanon A, Ruxrungtham K. Treatment of HIV infection with once-daily regimens. *Expert opinion on pharmacotherapy*. 2012;13(16):2301-17.
9. Shiau S, Broun EC, Arpadi SM, Yin MT. Incident fractures in HIV-infected individuals: a systematic review and meta-analysis. *AIDS (London, England)*. 2013;27(12):1949-57.
10. Ding X, Andraca-Carrera E, Cooper C, Miele P, Kornegay C, Soukup M, Marcus KA. No association of abacavir use with myocardial infarction: findings of an FDA meta-analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2012;61(4):441-7.
11. Clifford GM, Tully S, Franceschi S. Carcinogenicity of Human Papillomavirus (HPV) Types in HIV-Positive Women: A Meta-Analysis From HPV Infection to Cervical Cancer. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2017;64(9):1228-1235.
12. Platt L, Easterbrook P, Gower E, McDonald B, Sabin K, McGowan C, Yanny I, Razavi H, Vickerman P. Prevalence and burden of HCV co-infection in people living with HIV: a global systematic review and meta-analysis. *The Lancet. Infectious diseases*. 2016;16(7):797-808.
13. O'Connor E.E., Jaillard A., Renard F., Zeffiro T.A.. Reliability of white matter microstructural changes in HIV infection: Meta-analysis and confirmation. *American Journal of Neuroradiology*. 2017;38(8):1510-1519.
14. Kovalchik SA. Mother's CD4+ count moderates the risk associated with higher parity for late postnatal HIV-free survival of breastfed children: an individual patient data meta-analysis of randomized controlled trials. *AIDS and behavior*. 2012;16(1):79-85.

15. Su Q, Ying G, Liang H, Ye L, Jiang J, Liang B, Huang J. Single Use of Itraconazole Has No Effect on Treatment for Penicillium Marneffeii with HIV Infection. *Archives of Iranian medicine*. 2015;18(7):441-5.
16. Kennedy C, O'Reilly K, Medley A, Sweat M. The impact of HIV treatment on risk behaviour in developing countries: a systematic review. *AIDS care*. 2007;19(6):707-20.
17. Goldberg RE, Short SE. What do we know about children living with HIV-infected or AIDS-ill adults in Sub-Saharan Africa? A systematic review of the literature. *AIDS care*. 2016;28 Suppl 2(Suppl 2):130-41.
18. Anglemeyer A, Rutherford GW, Easterbrook PJ, Horvath T, Vitória M, Jan M, Doherty MC. Early initiation of antiretroviral therapy in HIV-infected adults and adolescents: a systematic review. *AIDS (London, England)*. 2014;28 Suppl 2(SUPPL. 2):S105-18.
19. Ayele TA, Worku A, Kebede Y, Alemu K, Kasim A, Shkedy Z. Choice of initial antiretroviral drugs and treatment outcomes among HIV-infected patients in sub-Saharan Africa: systematic review and meta-analysis of observational studies. *Systematic reviews*. 2017;6(1):173.
20. Gajurel R.P., Poobalan A., Avan B.. Health system related factors associated with adherence to antiretroviral therapy amongst adults living with HIV/AIDS in developing countries: A systematic review. *Sexually Transmitted Infections*. 2013;
21. Jiang J., Xu X., Guo W., Su J., Huang J., Liang B., Chen H., Zang N., Liao Y., Ye L., Liang H.. Dolutegravir(DTG, S/GSK1349572) combined with other ARTs is superior to RAL- or EFV-based regimens for treatment of HIV-1 infection: A meta-analysis of randomized controlled trials. *AIDS Research and Therapy*. 2016;13(1):30.
22. Haldane V, Cervero-Licerias F, Chuah FL, Ong SE, Murphy G, Sigfrid L, Watt N, Balabanova D, Hogarth S, Maimaris W, Buse K, Piot P, McKee M, Perel P, Legido-Quigley H. Integrating HIV and substance use services: a systematic review. *Journal of the International AIDS Society*. 2017;20(1):1-14.
23. Binford MC, Kahana SY, Altice FL. A systematic review of antiretroviral adherence interventions for HIV-infected people who use drugs. *Current HIV/AIDS reports*. 2012;9(4):287-312.
24. Kerkhoff AD, Kranzer K, Samandari T, Nakiyingi-Miiró J, Whalen CC, Harries AD, Lawn SD. Systematic review of TST responses in people living with HIV in under-resourced settings: implications for isoniazid preventive therapy. *PloS one*. 2012;7(11):e49928.
25. Yao ZW, Lu X, Shen C, Lin DF. Comparison of flucytosine and fluconazole combined with amphotericin B for the treatment of HIV-associated cryptococcal meningitis: a systematic review and meta-analysis. *European journal of clinical microbiology & infectious diseases : official publication of the European Society of Clinical Microbiology*. 2014;33(8):1339-44.
26. Taylor JK, Pendleton N. Progesterone therapy for the treatment of non-cancer cachexia: a systematic review. *BMJ supportive & palliative care*. 2016;6(3):276-86.
27. Vancampfort D, Mugisha J, De Hert M, Probst M, Firth J, Goryunski P, Stubbs B. Global physical activity levels among people living with HIV: a systematic review and meta-analysis. *Disability and rehabilitation*. 2016;:1-10.
28. Lovejoy TI, Suhr JA. The relationship between neuropsychological functioning and HAART adherence in HIV-positive adults: a systematic review. *Journal of behavioral medicine*. 2009;32(5):389-405.

29. Lee A.M., Bai H.X., Zou Y., Qiu D., Zhou J., Alvarez M.M-L., Zhang P., Tao Y., Tang X., Xiao B., Yang L. Safety and diagnostic value of brain biopsy in HIV patients: A case series and meta-analysis of 1209 patients. *Journal of Neurology, Neurosurgery and Psychiatry*. 2016;87(7):722-733.
30. Chou R, Smits AK, Huffman LH, Korthuis PT. Screening for Human Immunodeficiency Virus in Pregnant Women. U.S. Preventive Services Task Force Evidence Syntheses, formerly Systematic Evidence Reviews. 2005;
31. Kent DM, Mwamburi DM, Bennish ML, Kupelnick B, Ioannidis JP. Clinical trials in sub-Saharan Africa and established standards of care: a systematic review of HIV, tuberculosis, and malaria trials. *JAMA*. 2004;292(2):237-42.
32. Smallwood M, Vijh R, Nauche B, Lebouché B, Joseph L, Pant Pai N. Evaluation of a Rapid Point of Care Test for Detecting Acute and Established HIV Infection, and Examining the Role of Study Quality on Diagnostic Accuracy: A Bayesian Meta-Analysis. *PloS one*. 2016;11(2):e0149592.
33. Nicastri E, Leone S, Angeletti C, Palmisano L, Sarmati L, Chiesi A, Geraci A, Vella S, Narciso P, Corpolongo A, Andreoni M. Sex issues in HIV-1-infected persons during highly active antiretroviral therapy: a systematic review. *The Journal of antimicrobial chemotherapy*. 2007;60(4):724-32.
34. Shubber Z, Mishra S, Vesga JF, Boily MC. The HIV Modes of Transmission model: a systematic review of its findings and adherence to guidelines. *Journal of the International AIDS Society*. 2014;17(no pagination):18928.
35. Janssen S, Huson MA, Bélard S, Stolp S, Kapata N, Bates M, van Vugt M, Grobusch MP. TB and HIV in the Central African region: current knowledge and knowledge gaps. *Infection*. 2013;42(2):281-94.
36. Ross SD, DiGeorge A, Connelly JE, Whiting GW, McDonnell N. Safety of GM-CSF in patients with AIDS: a review of the literature. *Pharmacotherapy*. 1999;18(6):1290-7.
37. Baggaley RF, White RG, Boily MC. HIV transmission risk through anal intercourse: systematic review, meta-analysis and implications for HIV prevention. *International journal of epidemiology*. 2010;39(4):1048-63.
38. Koechlin FM, Fonner VA, Dalglish SL, O'Reilly KR, Baggaley R, Grant RM, Rodolph M, Hodges-Mameletzis I, Kennedy CE. Values and Preferences on the Use of Oral Pre-exposure Prophylaxis (PrEP) for HIV Prevention Among Multiple Populations: A Systematic Review of the Literature. *AIDS and behavior*. 2016;21(5):1325-1335.
39. Croome N, Ahluwalia M, Hughes LD, Abas M. Patient-reported barriers and facilitators to antiretroviral adherence in Sub-Saharan Africa: a systematic review. *AIDS (London, England)*. 2017;
40. Looker KJ, Elmes JAR, Gottlieb SL, Schiffer JT, Vickerman P, Turner KME, Boily MC. Effect of HSV-2 infection on subsequent HIV acquisition: an updated systematic review and meta-analysis. *The Lancet. Infectious diseases*. 2017;
41. Simoni JM, Pearson CR, Pantalone DW, Marks G, Crepaz N. Efficacy of interventions in improving highly active antiretroviral therapy adherence and HIV-1 RNA viral load. A meta-analytic review of randomized controlled trials. *Journal of acquired immune deficiency syndromes (1999)*. 2006;43 Suppl 1(Suppl1):S23-35.

42. Remme M, Siapka M, Vassall A, Heise L, Jacobi J, Ahumada C, Gay J, Watts C. The cost and cost-effectiveness of gender-responsive interventions for HIV: a systematic review. *Journal of the International AIDS Society*. 2014;17:19228.
43. Hardy DJ, Hinkin CH. Reaction time slowing in adults with HIV: results of a meta-analysis using brinley plots. *Brain and cognition*. 2002;50(1):25-34.
44. Basile Njei, Eugene J Kongnyuy, Sushil Kumar, Mbah P Okwen, Mari Jeeva Sankar, Lawrence Mbuagbaw. Optimal timing for antiretroviral therapy initiation in patients with HIV infection and concurrent cryptococcal meningitis. *Cochrane Database of Systematic Reviews*. 2013;2(2):CD009012.
45. Footer K.H.A., Silberzahn B.E., Tormohlen K.N., Sherman S.G.. Policing practices as a structural determinant for HIV among sex workers: A systematic review of empirical findings. *Journal of the International AIDS Society*. 2016;19(no pagination).
46. Kryst J, Kawalec P, Pilc A. Efavirenz-Based Regimens in Antiretroviral-Naive HIV-Infected Patients: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *PloS one*. 2015;10(5):e0124279.
47. Smego RA, Nagar S, Maloba B, Popara M. A meta-analysis of salvage therapy for *Pneumocystis carinii* pneumonia. *Archives of internal medicine*. 2001;161(12):1529-33.
48. Martinez-Cajas JL, Pai NP, Klein MB, Wainberg MA. Differences in resistance mutations among HIV-1 non-subtype B infections: a systematic review of evidence (1996-2008). *Journal of the International AIDS Society*. 2009;12:11.
49. Moscou-Jackson G, Commodore-Mensah Y, Farley J, Digiacomio M. Smoking-Cessation Interventions in People Living With HIV Infection: A Systematic Review. *The Journal of the Association of Nurses in AIDS Care : JANAC*. 2013;25(1):32-45.
50. Alberdi Leniz A, Tuset Creus M, Martín Conde M, del Cacho del Cacho E, Nigorra Caro M, Codina Jané C, Ribas I Sala J. [Resistance to antiretroviral therapy]. *Farmacia hospitalaria : órgano oficial de expresión científica de la Sociedad Española de Farmacia Hospitalaria*. 2004;28(6 Suppl 1):55-71.
51. Hagan H, Neurer J, Jordan AE, Des Jarlais DC, Wu J, Dombrowski K, Khan B, Braithwaite RS, Kessler J. Hepatitis C virus infection among HIV-positive men who have sex with men: protocol for a systematic review and meta-analysis. *Systematic reviews*. 2014;3(1):31.
52. Fung HB, Guo Y. Enfuvirtide: a fusion inhibitor for the treatment of HIV infection. *Clinical therapeutics*. 2004;26(3):352-78.
53. HIV Paediatric Prognostic Markers Collaborative Study. Use of total lymphocyte count for informing when to start antiretroviral therapy in HIV-infected children: a meta-analysis of longitudinal data. *Lancet (London, England)*. 2005;366(9500):1868-74.
54. Nwachukwu CE, Okebe JU. Antimotility agents for chronic diarrhoea in people with HIV/AIDS. *Cochrane database of systematic reviews (Online)*. 2008;(4):CD005644.
55. van Velthoven MH, Car LT, Car J, Atun R. Telephone consultation for improving health of people living with or at risk of HIV: a systematic review. *PloS one*. 2012;7(5):e36105.
56. Young TN, Arens FJ, Kennedy GE, Laurie JW, Rutherford G. Antiretroviral post-exposure prophylaxis (PEP) for occupational HIV exposure. *Cochrane database of systematic reviews (Online)*. 2007;(1):CD002835.
57. Wu J, Wu H, Lu C, Guo L, Li P. Self-reported sleep disturbances in HIV-infected people: a meta-analysis of prevalence and moderators. *Sleep medicine*. 2015;16(8):901-7.

58. Corbett AH, Lim ML, Kashuba AD. Kaletra (lopinavir/ritonavir). *The Annals of pharmacotherapy*. 2002;36(7-8):1193-203.
59. Nieuwkerk, Pythia T., Oort, Frans J.. Self-Reported Adherence to Antiretroviral Therapy for HIV-1 Infection and Virologic Treatment Response: A Meta-Analysis. *JAIDS Journal of Acquired Immune Deficiency Syndromes*. 2005;38(4):445-448.
60. Hung A, Pradel F. A review of how the quality of HIV clinical services has been evaluated or improved. *International journal of STD & AIDS*. 2014;26(7):445-455.
61. Jiang H, Yin J, Fan Y, Liu J, Zhang Z, Liu L, Nie S. Gender difference in advanced HIV disease and late presentation according to European consensus definitions. *Scientific reports*. 2015;5:14543.
62. Suthar AB, Nagata JM, Nsanzimana S, Bärnighausen T, Negussie EK, Doherty MC. Performance-based financing for improving HIV/AIDS service delivery: a systematic review. *BMC health services research*. 2017;17(1):6.
63. Yang L, Xu R, Zhao G, Feng T, Hu P. [HIV resistance in men who have sex with men: a Meta-analysis]. *Zhong nan da xue xue bao. Yi xue ban = Journal of Central South University. Medical sciences*. 2017;42(6):695-705.
64. Sewak A, Singh G. Integrating Social Marketing Into Fijian HIV/AIDS Prevention Programs: Lessons From Systematic Review. *Health communication*. 2016;32(1):1-9.
65. Levett TJ, Cresswell FV, Malik MA, Fisher M, Wright J. Systematic Review of Prevalence and Predictors of Frailty in Individuals with Human Immunodeficiency Virus. *Journal of the American Geriatrics Society*. 2016;64(5):1006-14.
66. Engelhard EA, Smit C, Nieuwkerk PT, Reiss P, Kroon FP, Brinkman K, Geerlings SE. Structure and quality of outpatient care for people living with an HIV infection. *AIDS care*. 2016;28(8):1-11.
67. Chowers M, Gottesman BS, Leibovici L, Schapiro JM, Paul M. Nucleoside reverse transcriptase inhibitors in combination therapy for HIV patients: systematic review and meta-analysis. *European journal of clinical microbiology & infectious diseases : official publication of the European Society of Clinical Microbiology*. 2010;29(7):779-86.
68. Miller MF, Haley C, Koziel MJ, Rowley CF. Impact of hepatitis C virus on immune restoration in HIV-infected patients who start highly active antiretroviral therapy: a meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2005;41(5):713-20.
69. Finkelstein JL, Gala P, Rochford R, Glesby MJ, Mehta S. HIV/AIDS and lipodystrophy: Implications for clinical management in resource-limited settings. *Journal of the International AIDS Society*. 2015;18(1):19033.
70. Zhao J., She S., Xie L., Mo C., Huang L., Tang W., Chen X.. The effects of RANTES polymorphisms on susceptibility to HIV-1 infection and disease progression: Evidence from an updated meta-analysis. *AIDS Research and Human Retroviruses*. 2016;32(6):517-528.
71. Desta Hiko Gameda, Lakew Abebe Gebretsadik, Tariku Dejene, Mirkuzie Wolde, Morankar Sudhakar. Determinants of non-compliance with Antiretroviral Therapy among adults living with HIV/AIDS: A Systematic Review. *JB Library of Systematic Reviews*. 2012;10(56):3596-3648.

72. Spies G, Afifi TO, Archibald SL, Fennema-Notestine C, Sareen J, Seedat S. Mental health outcomes in HIV and childhood maltreatment: a systematic review. *Systematic reviews*. 2012;1:30.
73. Cure S, Bianic F, Espinas C, Hardy H, Rosenblatt L, Juday T. Systematic Literature Review and Meta-Analysis of Renal Function in Human Immunodeficiency Virus (HIV)-Infected Patients Treated with Atazanavir (ATV)-Based Regimens. *PloS one*. 2015;10(5):e0124666.
74. Attia S, Egger M, Müller M, Zwahlen M, Low N. Sexual transmission of HIV according to viral load and antiretroviral therapy: systematic review and meta-analysis. *AIDS (London, England)*. 2009;23(11):1397-404.
75. Freeman EE, Weiss HA, Glynn JR, Cross PL, Whitworth JA, Hayes RJ. Herpes simplex virus 2 infection increases HIV acquisition in men and women: systematic review and meta-analysis of longitudinal studies. *AIDS (London, England)*. 2006;20(1):73-83.
76. Gomez GB, Borquez A, Case KK, Wheelock A, Vassall A, Hankins C. The cost and impact of scaling up pre-exposure prophylaxis for HIV prevention: a systematic review of cost-effectiveness modelling studies. *PLoS medicine*. 2013;10(3):e1001401.
77. Saberi P, Dong BJ, Johnson MO, Greenblatt RM, Cocohoba JM. The impact of HIV clinical pharmacists on HIV treatment outcomes: a systematic review. *Patient preference and adherence*. 2012;6:297-322.
78. Andrew Creese, Katherine Floyd, Anita Alban and Lorna Guinness. Cost-effectiveness of HIV/AIDS interventions in Africa: A systematic review of the evidence. *International Initiative for Impact Evaluation (3ie)*. 2002;
79. Welch W, Foote M. The use of Filgrastim in AIDS-related neutropenia. *Journal of hematology & stem cell research*. 1999;8 Suppl 1:S9-16.
80. Messiaen PE, Cuyx S, Dejagere T, Van der Hilst JC. The role of CD4-cell count as discriminatory measure to guide chemoprophylaxis against *Pneumocystis jirovecii* pneumonia in human immunodeficiency virus-negative immunocompromised patients: A systematic review. *Transplant infectious disease : an official journal of the Transplantation Society*. 2016;19(2).
81. Kim SH, Gerver SM, Fidler S, Ward H. Adherence to antiretroviral therapy in adolescents living with HIV: Systematic review and meta-analysis. *AIDS (London, England)*. 2014;28(13):1945-56.
82. Bolland MJ, Wang TK, Grey A, Gamble GD, Reid IR. Stable bone density in HAART-treated individuals with HIV: a meta-analysis. *The Journal of clinical endocrinology and metabolism*. 2011;96(9):2721-31.
83. Cardona-Arias JA, Higuera-Gutiérrez LF. [Impact of HIV/AIDS on quality of life: meta-analysis 2002-2012]. *Revista española de salud pública*. 2014;88(1):87-101.
84. Connolly MP, Goodwin E, Schey C, Zummo J. Toxoplasmic encephalitis relapse rates with pyrimethamine-based therapy: systematic review and meta-analysis. *Pathogens and global health*. 2017;111(1):1-14.
85. Dillon DG. Association of HIV and ART with cardiometabolic traits in sub-Saharan Africa: a systematic review and meta-analysis. *International journal of epidemiology*. 2016;45(6):2210-2211.
86. Wang L, Peng Z, Li L, Norris JL, Wang L, Cao W, Wang N. HIV seroconversion and prevalence rates in heterosexual discordant couples in China: A systematic review and meta-analysis. *AIDS care*. 2012;24(9):1059-70.

87. Cerrato E., D'Ascenzo F., Biondi-Zoccai G., Moretti C., Omede P., Presutti D., Bollati M., Sciuto F., Sturnia S., Gaita F., Sheiban I. Acute coronary syndrome in HIV patients: A meta-analysis investigating adverse event rates and antiretroviral therapy influence. *Giornale Italiano di Cardiologia*. 2011;:e207-e208.
88. Wasserman S, Engel ME, Griesel R, Mendelson M. Burden of pneumocystis pneumonia in HIV-infected adults in sub-Saharan Africa: a systematic review and meta-analysis. *BMC infectious diseases*. 2016;16(1):482.
89. Osibogun O, Ogunmoroti O, Michos ED, Spatz ES, Olubajo B, Nasir K, Madhivanan P, Maziak W. HIV/HCV coinfection and the risk of cardiovascular disease: A meta-analysis. *Journal of viral hepatitis*. 2017;24(11):998-1004.
90. Gomes-Neto M, Conceição CS, Oliveira Carvalho V, Brites C. A systematic review of the effects of different types of therapeutic exercise on physiologic and functional measurements in patients with HIV/AIDS. *Clinics (São Paulo, Brazil)*. 2013;68(8):1157-67.
91. Mey A, Plummer D, Dukie S, Rogers GD, O'Sullivan M, Domberelli A. Motivations and Barriers to Treatment Uptake and Adherence Among People Living with HIV in Australia: A Mixed-Methods Systematic Review. *AIDS and behavior*. 2016;21(2):352-385.
92. Guy, R. J., Prybylski, D., Fairley, C. K., Hellard, M. E., Kaldor, J. M.. Can data from HIV voluntary counselling and testing be used to assess the impact of public health interventions? A literature review. *International Journal of STD & AIDS*. 2009;20(6).
93. Emdin C, Millson P. A systematic review evaluating the impact of task shifting on access to antiretroviral therapy in sub-Saharan Africa. *African health sciences*. 2012;12(3):318-24.
94. Aspinall EJ, Nambiar D, Goldberg DJ, Hickman M, Weir A, Van Velzen E, Palmateer N, Doyle JS, Hellard ME, Hutchinson SJ. Are needle and syringe programmes associated with a reduction in HIV transmission among people who inject drugs: a systematic review and meta-analysis. *International journal of epidemiology*. 2013;43(1):235-48.
95. Maksud I, Fernandes NM, Filgueiras SL. Technologies for HIV prevention and care: challenges for health services. *Revista brasileira de epidemiologia = Brazilian journal of epidemiology*. 2015;18 Suppl 1:104-19.
96. Wechsberg WM, Golin C, El-Bassel N, Hopkins J, Zule W. Current interventions to reduce sexual risk behaviors and crack cocaine use among HIV-infected individuals. *Current HIV/AIDS reports*. 2012;9(4):385-93.
97. Seden K, Gibbons S, Marzolini C, Schapiro JM, Burger DM, Back DJ, Khoo SH. Development of an evidence evaluation and synthesis system for drug-drug interactions, and its application to a systematic review of HIV and malaria co-infection. *PloS one*. 2017;12(3):e0173509.
98. Kanters S, Park JJ, Chan K, Ford N, Forrest J, Thorlund K, Nachega JB, Mills EJ. Use of peers to improve adherence to antiretroviral therapy: a global network meta-analysis. *Journal of the International AIDS Society*. 2016;19(1):21141.
99. Charlery SA. Research conducted on Caribbean women's perceived human immunodeficiency virus risks: A narrative review and methodological critique. *Health psychology and behavioral medicine*. 2014;2(1):541-554.
100. Wu N.N., Yin Y.Q., Yuan R., Wang B.. HIV genetic subtypes and HIV drug resistance in China: a Meta-analysis. *Zhonghua liu xing bing xue za zhi = Zhonghua liuxingbingxue zazhi*. 2016;37(11):1546-1554.

101. Garrett R, Smith J, Young SD. A Review of Social Media Technologies Across the Global HIV Care Continuum. *Current opinion in psychology*. 2016;9:56-66.
102. Li H, Marley G, Ma W, Wei C, Lackey M, Ma Q, Renaud F, Vitoria M, Beanland R, Doherty M, Tucker JD. The Role of ARV Associated Adverse Drug Reactions in Influencing Adherence Among HIV-Infected Individuals: A Systematic Review and Qualitative Meta-Synthesis. *AIDS and behavior*. 2016;21(2):341-351.
103. Wilson PA, Valera P, Martos AJ, Wittlin NM, Muñoz-Laboy MA, Parker RG. Contributions of Qualitative Research in Informing HIV/AIDS Interventions Targeting Black MSM in the United States. *Journal of sex research*. 2015;53(6):1-13.
104. Fonner VA, Dalgligh SL, Kennedy CE, Baggaley R, O'reilly KR, Koechlin FM, Rodolph M, Hodges-Mameletzis I, Grant RM. Effectiveness and safety of oral HIV pre-exposure prophylaxis (PrEP) for all populations: A systematic review and meta-analysis. *AIDS (London, England)*. 2016;30(12):1973-83.
105. Gomes Neto, Mansueto, Zwirtes, Ricardo, Brites, Carlos. A literature review on cardiovascular risk in human immunodeficiency virus-infected patients: implications for clinical management. *Braz J Infect Dis*. 2013;17(6):691-700.
106. Liedtke MD, Rathbun RC. Drug interactions with antiretrovirals and warfarin. *Expert opinion on drug safety*. 2010;9(2):215-23.
107. Iwu EN, Holzemer WL. Task shifting of HIV management from doctors to nurses in Africa: clinical outcomes and evidence on nurse self-efficacy and job satisfaction. *AIDS care*. 2013;26(1):42-52.
108. Lukawska J, Cottrill C, Bower M. The changing role of radiotherapy in AIDS-related malignancies. *Clinical oncology (Royal College of Radiologists (Great Britain))*. 2003;15(1):2-6.
109. O'Brien KK, Tynan AM, Nixon SA, Glazier RH. Effectiveness of Progressive Resistive Exercise (PRE) in the context of HIV: systematic review and meta-analysis using the Cochrane Collaboration protocol. *BMC infectious diseases*. 2017;17(1):268.
110. Parker R, Stein DJ, Jelsma J. Pain in people living with HIV/AIDS: a systematic review. *Journal of the International AIDS Society*. 2014;17(no pagination):18719.
111. Ntekim A, Campbell O, Rothenbacher D. Optimal management of cervical cancer in HIV-positive patients: a systematic review. *Cancer medicine*. 2015;4(9):1381-93.
112. Adetokunboh OO, Schoonees A, Balogun TA, Wiysonge CS. Efficacy and safety of abacavir-containing combination antiretroviral therapy as first-line treatment of HIV infected children and adolescents: a systematic review and meta-analysis. *BMC infectious diseases*. 2015;15(1):469.
113. Sibanda EL, Weller IV, Hakim JG, Cowan FM. The magnitude of loss to follow-up of HIV-exposed infants along the prevention of mother-to-child HIV transmission continuum of care: a systematic review and meta-analysis. *AIDS (London, England)*. 2013;27(17):2787-97.
114. Cross, Jay E., Saunders, Cynthia M., Bartelli, Debra. The Effectiveness of Educational and Needle Exchange Programs: A Meta-analysis of HIV Prevention Strategies for Injecting Drug Users. *Quality and Quantity*. 1998;32(2):165-180.
115. Rutherford GW, Horvath H. Dolutegravir Plus Two Nucleoside Reverse Transcriptase Inhibitors versus Efavirenz Plus Two Nucleoside Reverse Transcriptase Inhibitors As Initial Antiretroviral Therapy for People with HIV: A Systematic Review. *PloS one*. 2016;11(10):e0162775.

116. Oliveira JM, Rondó PH. Omega-3 fatty acids and hypertriglyceridemia in HIV-infected subjects on antiretroviral therapy: systematic review and meta-analysis. *HIV clinical trials*. 2011;12(5):268-74.
117. Heestermans T, Browne JL, Aitken SC, Vervoort SC, Klipstein-Grobusch K. Determinants of adherence to antiretroviral therapy among HIV-positive adults in sub-Saharan Africa: a systematic review. *BMJ global health*. 2016;1(4):e000125.
118. Pai NP, Tulskey JP, Lawrence J, Colford JM, Reingold AL. Structured treatment interruptions (STI) in chronic suppressed HIV infection in adults. *Cochrane database of systematic reviews (Online)*. 2005;(4):CD005482.
119. Bartlett JA, Chen SS, Quinn JB. Comparative efficacy of nucleoside/nucleotide reverse transcriptase inhibitors in combination with efavirenz: results of a systematic overview. *HIV clinical trials*. 2007;8(4):221-6.
120. Aderomilehin O, Hanciles-Amu A, Ozoya OO. Perspectives and Practice of HIV Disclosure to Children and Adolescents by Health-Care Providers and Caregivers in sub-Saharan Africa: A Systematic Review. *Frontiers in public health*. 2016;4:166.
121. Dedicoat M, Livesley N. Management of toxoplasmic encephalitis in HIV-infected adults (with an emphasis on resource-poor settings). *Cochrane database of systematic reviews (Online)*. 2006;3(3):CD005420.
122. Kranzer K, Ford N. Unstructured treatment interruption of antiretroviral therapy in clinical practice: a systematic review. *Tropical medicine & international health : TM & IH*. 2011;16(10):1297-313.
123. Scott-Sheldon LAJ, Carey KB, Johnson BT, Carey MP, MASH Research Team. Behavioral Interventions Targeting Alcohol Use Among People Living with HIV/AIDS: A Systematic Review and Meta-Analysis. *AIDS and behavior*. 2017;21(Suppl 2):126-143.
124. Enayatollahi MA, Murphy D, Maltenfort MG, Parvizi J. Human Immunodeficiency Virus and Total Joint Arthroplasty: The Risk for Infection Is Reduced. *The Journal of arthroplasty*. 2016;31(10):2146-51.
125. Mesfin YM, Hailemariam D, Biadgign S, Kibret KT. Association between HIV/AIDS and multi-drug resistance tuberculosis: a systematic review and meta-analysis. *PloS one*. 2014;9(1):e82235.
126. Grodensky CA, Golin CE, Ochtera RD, Turner BJ. Systematic review: effect of alcohol intake on adherence to outpatient medication regimens for chronic diseases. *Journal of studies on alcohol and drugs*. 2012;73(6):899-910.
127. Chikhungu L.C., Bispo S., Rollins N., Siegfried N., Newell M.-L.. HIV-free survival at 12-24 months in breastfed infants of HIV-infected women on antiretroviral treatment. *Tropical Medicine and International Health*. 2016;21(7):820-828.
128. Juchem, Gabriela Maria Viega, Lazzarotto, Alexandre Ramos. Physical training in the lipodistrophy syndrome: a systematic review. *Rev. bras. med. esporte*. 2010;16(4):310-313.
129. Oldenburg CE, Bärnighausen T, Harling G, Mimiaga MJ, Mayer KH. Adherence to Post-Exposure Prophylaxis for Non-forcible Sexual Exposure to HIV: A Systematic Review and Meta-Analysis. *AIDS and behavior*. 2014;18(2):217-25.
130. Piliero PJ. Mechanisms of lipid elevations associated with the treatment of patients with HIV infection. *MedGenMed : Medscape general medicine*. 2003;5(2):1.

131. Tucker JD, Li JZ, Robbins GK, Davis BT, Lobo AM, Kunkel J, Papaliadis GN, Durand ML, Felsenstein D. Ocular syphilis among HIV-infected patients: a systematic analysis of the literature. *Sexually transmitted infections*. 2011;87(1):4-8.
132. Boender TS, Sigaloff KC, McMahan JH, Kiertiburanakul S, Jordan MR, Barcarolo J, Ford N, Rinke de Wit TF, Bertagnolio S. Long-term virological outcomes of first-line antiretroviral therapy for HIV-1 in low- and middle-income countries: a systematic review and meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2015;61(9):1453-61.
133. Mallampati D, Ford N, Hanaford A, Sugandhi N, Penazzato M. Performance of virological testing for early infant diagnosis: A systematic review. *Journal of acquired immune deficiency syndromes (1999)*. 2017;75(3):308-314.
134. Gomes Neto M, Ogalha C, Andrade AM, Brites C. A Systematic Review of Effects of Concurrent Strength and Endurance Training on the Health-Related Quality of Life and Cardiopulmonary Status in Patients with HIV/AIDS. *BioMed research international*. 2013;2013(no pagination):319524.
135. Bierman WF, van Agtmael MA, Nijhuis M, Danner SA, Boucher CA. HIV monotherapy with ritonavir-boosted protease inhibitors: a systematic review. *AIDS (London, England)*. 2009;23(3):279-91.
136. Mlunde LB, Sunguya BF, Mbwambo JK, Ubuguyu OS, Yasuoka J, Jimba M. Association of opioid agonist therapy with the initiation of antiretroviral therapy - a systematic review. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2016;46:27-33.
137. Rueda S., Rzeznikewiz D., Park-Wyllie L., Bayoumi A., Tynan A.-M., Antoniou T., Rourke S.B., Glazier R.H.. A systematic review of the effectiveness of sociobehavioral interventions to improve adherence to combination antiretroviral therapy in HIV. *Journal of the International Association of Physicians in AIDS Care*. 2010;;58.
138. O'Neill TJ, Djiometio Nguemo J, Tynan AM, Burchell AN, Antoniou T. Risk Of Colorectal Cancer And Associated Mortality In Hiv: A Systematic Review And Meta-Analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2017;75(4):439-447.
139. Gilchrist G, Swan D, Widyaratna K, Marquez-Arrico JE, Hughes E, Mdege ND, Martyn-St James M, Tirado-Munoz J. A Systematic Review and Meta-analysis of Psychosocial Interventions to Reduce Drug and Sexual Blood Borne Virus Risk Behaviours Among People Who Inject Drugs. *AIDS and behavior*. 2017;21(7):1791-1811.
140. Minnie KS, van der Walt SJ, Klopper HC. A systematic review of counselling for HIV testing of pregnant women. *Journal of clinical nursing*. 2009;18(13):1827-41.
141. Silva, Solange Moreira da, Garcia-Zapata, Marco Túlio Antônio, Pereira, Alexandre Lustosa, Boggio, Paula, Abad, María Eugenia, Larralde, Margarita. Oral manifestations in HIV infection: a systematic literature review. *Rev Fac Odontol P Alegre*. 2011;52(1/3):57-65.
142. Wilkins ML, Dallas RH, Fanone KE, Lyon ME. Pediatric palliative care for youth with HIV/AIDS: systematic review of the literature. *HIV/AIDS (Auckland, N.Z.)*. 2013;5:165-79.
143. Basnayake SK, Easterbrook PJ. Wide variation in estimates of global prevalence and burden and death estimates from chronic HBV, HCV and coinfection with HIV in literature. *Journal of viral hepatitis*. 2016;23(7):545-59.

144. Wyatt CM, Malvestutto C, Coca SG, Klotman PE, Parikh CR. The impact of hepatitis C virus coinfection on HIV-related kidney disease: a systematic review and meta-analysis. *AIDS (London, England)*. 2008;22(14):1799-807.
145. Tran B.. Longitudinal and cross sectional assessments of health utility in adults with HIV/AIDs: A systematic review and meta-analysis. *Value in Health*. 2015;:A13.
146. Ford N, Shubber Z, Hill A, Vitoria M, Doherty M, Mills EJ, Gray A. Comparative efficacy of Lamivudine and emtricitabine: a systematic review and meta-analysis of randomized trials. *PloS one*. 2013;8(11):e79981.
147. Braitstein P, Palepu A, Dieterich D, Benhamou Y, Montaner JS. Special considerations in the initiation and management of antiretroviral therapy in individuals coinfecting with HIV and hepatitis C. *AIDS (London, England)*. 2004;18(17):2221-34.
148. Uyei J, Coetzee D, Macinko J, Guttmacher S. Integrated delivery of HIV and tuberculosis services in sub-Saharan Africa: a systematic review. *The Lancet. Infectious diseases*. 2011;11(11):855-67.
149. Calis JC, van Hensbroek MB, de Haan RJ, Moons P, Brabin BJ, Bates I. HIV-associated anemia in children: a systematic review from a global perspective. *AIDS (London, England)*. 2008;22(10):1099-112.
150. Smit PW, Sollis KA, Fiscus S, Ford N, Vitoria M, Essajee S, Barnett D, Cheng B, Crowe SM, Denny T, Landay A, Stevens W, Habiyambere V, Perriens JH, Peeling RW. Systematic review of the use of dried blood spots for monitoring HIV viral load and for early infant diagnosis. *PloS one*. 2014;9(3):e86461.
151. Silveira MF, dos Santos I. [Impact of interventions promoting condom use among HIV-infected individuals]. *Revista de saúde pública*. 2005;39(2):296-304.
152. de Bruin M, Viechtbauer W, Schaalma HP, Kok G, Abraham C, Hoppers HJ. Standard care impact on effects of highly active antiretroviral therapy adherence interventions: A meta-analysis of randomized controlled trials. *Archives of internal medicine*. 2010;170(3):240-50.
153. Mbuagbaw, Lawrence, Mursleen, Sara, Irlam, James H, Spaulding, Alicen B, Rutherford, George W, Siegfried, Nandi. Efavirenz or nevirapine in three-drug combination therapy with two nucleoside or nucleotide-reverse transcriptase inhibitors for initial treatment of HIV infection in antiretroviral-naïve individuals. *Cochrane Database of Systematic Reviews*. 2016;12(12):CD004246.
154. Kelly C, Gaskell KM, Richardson M, Klein N, Garner P, MacPherson P. Discordant Immune Response with Antiretroviral Therapy in HIV-1: A Systematic Review of Clinical Outcomes. *PloS one*. 2016;11(6):e0156099.
155. Burgess A, Purssell E. What is the relationship between increased access to HAART, relationship status and fertility decisions amongst HIV positive women? A Literature Review and Meta-Analysis. *Journal of clinical nursing*. 2017;
156. Araújo, Eliene da Silva, Alvarenga, Kátia de Freitas, Feniman, Mariza Ribeiro, Lopes, Andrea Cintra, Corteletti, Lilian Cássia Bórnica Jacob, Zucki, Fernanda. Hearing loss and acquired immune deficiency syndrome: systematic review. *J Soc Bras Fonoaudiol*. 2012;24(2):188-192.
157. Geldsetzer P, Yapa HM, Vaikath M, Ogbuaji O, Fox MP, Essajee SM, Negussie EK, Bärnighausen T. A systematic review of interventions to improve postpartum retention of women in PMTCT and ART care. *Journal of the International AIDS Society*. 2016;19(1):20679.

158. Sigaloff KC, Calis JC, Geelen SP, van Vugt M, de Wit TF. HIV-1-resistance-associated mutations after failure of first-line antiretroviral treatment among children in resource-poor regions: a systematic review. *The Lancet infectious diseases*. 2011;11(10):769-79.
159. Lopez, Laureen M, Grey, Thomas W, Chen, Mario, Denison, Julie, Stuart, Gretchen. Behavioral interventions for improving contraceptive use among women living with HIV. *Cochrane Database of Systematic Reviews*. 2016;8(8):CD010243.
160. Mills EJ, Nachega JB, Buchan I, Orbinski J, Attaran A, Singh S, Rachlis B, Wu P, Cooper C, Thabane L, Wilson K, Guyatt GH, Bangsberg DR. Adherence to antiretroviral therapy in sub-Saharan Africa and North America: a meta-analysis. *JAMA*. 2006;296(6):679-90.
161. Nieuwkerk PT, Oort FJ. Self-reported adherence to antiretroviral therapy for HIV-1 infection and virologic treatment response: a meta-analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2005;38(4):445-8.
162. Zhao H, Shu G, Wang S. The risk of non-melanoma skin cancer in HIV-infected patients: new data and meta-analysis. *International journal of STD & AIDS*. 2015;27(7):568-75.
163. Sharma G, Oberoi SS, Vohra P, Nagpal A. Oral manifestations of HIV/AIDS in Asia: Systematic review and future research guidelines. *Journal of clinical and experimental dentistry*. 2015;7(3):e419-27.
164. Tsiara CG, Nikolopoulos GK, Bagos PG, Goujard C, Katzenstein TL, Minga AK, Rouzioux C, Hatzakis A. Impact of HIV type 1 DNA levels on spontaneous disease progression: a meta-analysis. *AIDS research and human retroviruses*. 2012;28(4):366-73.
165. Geocze L, Mucci S, De Marco MA, Nogueira-Martins LA, Citero Vde A. Quality of life and adherence to HAART in HIV-infected patients. *Revista de saúde pública*. 2010;44(4):743-9.
166. Fernández Sierra MA, Gómez Olmedo M, Delgado Rodríguez M, Gálvez Vargas R. [Infection by the human immunodeficiency virus in the Spanish population (II). A meta-analysis of the time and geographic trends]. *Medicina clínica*. 1990;95(10):366-71.
167. Den Boon S, Matteelli A, Ford N, Getahun H. Continuous isoniazid for the treatment of latent tuberculosis infection in people living with HIV. *AIDS (London, England)*. 2016;30(5):797-801.
168. Azevedo T.C.L., Zwahlen M., Rauch A., Egger M., Wandeler G.. Hepatitis C in HIV-infected individuals: A systematic review and meta-analysis of estimated prevalence in Africa. *Journal of the International AIDS Society*. 2016;19(1).
169. Xiao PL, Zhou YB, Chen Y, Yang MX, Song XX, Shi Y, Jiang QW. Association between maternal HIV infection and low birth weight and prematurity: a meta-analysis of cohort studies. *BMC pregnancy and childbirth*. 2015;15(1):246.
170. Zhang B, Nguyen NH, Yee BE, Yip B, Ayoub WS, Lutchman GA, Nguyen MH. Treatment of Acute Hepatitis C Infection with Pegylated Interferon and Ribavirin in Patients Coinfected with Human Immunodeficiency Virus: A Systematic Review and Meta-Analysis. *Intervirology*. 2015;58(4):242-249.
171. Rough K, Sun JW, Seage GR, Williams PL, Huybrechts KF, Bateman BT, Hernandez-Diaz S. Zidovudine use in pregnancy and congenital malformations: meta-analysis and Bayesian incorporation of medicaid data. *AIDS (London, England)*. 2017;31(12):1733-1743.
172. Tam M, Amzel A, Phelps BR. Disclosure of HIV serostatus among pregnant and postpartum women in sub-Saharan Africa: a systematic review. *AIDS care*. 2015;27(4):436-50.

173. Chiao EY, Giordano TP, Palefsky JM, Tyring S, El Serag H. Screening HIV-infected individuals for anal cancer precursor lesions: a systematic review. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2006;43(2):223-33.
174. Angela B White, Joy F Mirjahangir, Hacsí Horvath, Andrew Anglemeyer, Jennifer S. Read. Antiretroviral interventions for preventing breast milk transmission of HIV. *Cochrane Database of Systematic Reviews*. 2014;10(10):CD011323.
175. Schafer J., Welwarth J., Hoffmann B.. Splenic ultrasound findings in patients with HIV and TB: A systematic review of the literature. *Academic Emergency Medicine*. 2016;:S135.
176. Karnon J, Orji N. Option B+ for the prevention of mother-to-child transmission of HIV infection in developing countries: a review of published cost-effectiveness analyses. *Health policy and planning*. 2016;31(8):1133-41.
177. Seidman G, Atun R. Does task shifting yield cost savings and improve efficiency for health systems? A systematic review of evidence from low-income and middle-income countries. *Human resources for health*. 2017;15(1):29.
178. Soepnel LM, Norris SA, Schrier VJ, Browne JL, Rijken MJ, Gray G, Klipstein-Grobusch K. The association between HIV, antiretroviral therapy and gestational diabetes mellitus: a systematic review and meta-analysis. *AIDS (London, England)*. 2016;31(1):113-125.
179. Javed F, Akram Z, Binshabaib MS, ALHarthi SS, Kellesarian SV, Vohra F. Is salivary IgA level a potential biomarker for immunosuppression in HIV-positive children? A systematic review and meta-analysis. *Reviews in medical virology*. 2017;27(4).
180. Manthravadi S., Paleti S., Sheshadri M.. Impact of HIV infection on survival in patients with colorectal cancer: A systematic review and meta-analysis. *Gastroenterology*. 2016;:S616.
181. Chiappini E, Galli L, Giaquinto C, Ene L, Goetghebuer T, Judd A, Lisi C, Malyuta R, Noguera-Julian A, Ramos JT, Rojo-Conejo P, Rudin C, Tookey P, de Martino M, Thorne C, European Pregnancy and Paediatric HIV Cohort Collaboration study group in EuroCoord. Use of combination neonatal prophylaxis for the prevention of mother-to-child transmission of HIV infection in European high-risk infants. *AIDS (London, England)*. 2013;27(6):991-1000.
182. Muula AS, Ngulube TJ, Siziya S, Makupe CM, Umar E, Prozesky HW, Wiysonge CS, Mataya RH. Gender distribution of adult patients on highly active antiretroviral therapy (HAART) in Southern Africa: a systematic review. *BMC public health*. 2007;7(no pagination):63.
183. Janarthanan S., Kutait A., Msallaty Z., Kingah P., Ditah I.C.. Early onset liver fibrosis in treatment naive HCV-HIV co-infected patients: A meta-analysis. *Hepatology*. 2010;:680A-681A.
184. Gupta RK, Hill A, Sawyer AW, Cozzi-Lepri A, von Wyl V, Yerly S, Lima VD, Günthard HF, Gilks C, Pillay D. Virological monitoring and resistance to first-line highly active antiretroviral therapy in adults infected with HIV-1 treated under WHO guidelines: a systematic review and meta-analysis. *The Lancet infectious diseases*. 2009;9(7):409-17.
185. Campos Coelho AV, De Moura RR, Da Silva RC, Kamada AJ, Guimarães RL, Cavalcanti Brandão LA, Campos Coelho HF, Crovella S. Meta-Analysis and Time Series Modeling Allow a Systematic Review of Primary HIV-1 Drug-Resistant Prevalence in Latin America and Caribbean. *Current HIV research*. 2015;13(2):125-42.
186. Falagas ME, Zarkadoulia EA, Pliatsika PA, Panos G. Socioeconomic status (SES) as a determinant of adherence to treatment in HIV infected patients: a systematic review of the literature. *Retrovirology*. 2008;5(no pagination):13.

187. Walker KA, Brown GG. HIV-associated executive dysfunction in the era of modern antiretroviral therapy: A systematic review and meta-analysis. *Journal of clinical and experimental neuropsychology*. 2017;;1-20.
188. Polis CB, Curtis KM, Hannaford PC, Phillips SJ, Chipato T, Kiarie JN, Westreich DJ, Steyn PS. Update on hormonal contraceptive methods and risk of HIV acquisition in women: a systematic review of epidemiological evidence, 2016. *AIDS (London, England)*. 2016;30(17):2665-2683.
189. García-Fernández, Lisset, Fiestas, Fabián, Vásquez, Rubén, Benites, Carlos. Antiretroviral therapy containing raltegravir in HIV-infected pregnant women: Systematic review. *Rev Chilena Infectol*. 2016;33(supl.1):60-66.
190. Caitlin E. Kennedy, Amy M. Medley, Michael D. Sweat and Kevin R. O'Reilly. Behavioural interventions for HIV positive prevention in developing countries: A systematic review and meta-analysis. *International Initiative for Impact Evaluation (3ie)*. 2010;
191. Nduka CU, Stranges S, Sarki AM, Kimani PK, Uthman OA. Evidence of increased blood pressure and hypertension risk among people living with HIV on antiretroviral therapy: a systematic review with meta-analysis. *Journal of human hypertension*. 2015;30(6):355-62.
192. Castillo-Mancilla JR, Campbell TB. Comparative effectiveness of efavirenz-based antiretroviral regimens in resource-limited settings. *Journal of comparative effectiveness research*. 2012;1(2):157-170.
193. Kernéis S, Launay O, Turbelin C, Batteux F, Hanslik T, Boëlle PY. Long-term immune responses to vaccination in HIV-infected patients: a systematic review and meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2014;58(8):1130-9.
194. Crepaz N, Marks G, Liau A, Mullins MM, Aupont LW, Marshall KJ, Jacobs ED, Wolitski RJ. Prevalence of unprotected anal intercourse among HIV-diagnosed MSM in the United States: a meta-analysis. *AIDS (London, England)*. 2009;23(13):1617-29.
195. Gili S, Grosso Marra W, D'Ascenzo F, Lonni E, Calcagno A, Cannillo M, Ballocca F, Cerrato E, Pianelli M, Barbero U, Mancone M, DiNicolantonio JJ, Lavie CJ, Omedè P, Montefusco A, Bonora S, Gasparini M, Biondi-Zoccai G, Moretti C, Gaita F. Comparative safety and efficacy of statins for primary prevention in human immunodeficiency virus-positive patients: a systematic review and meta-analysis. *European heart journal*. 2016;37(48):3600-3609.
196. Nugroho A, Erasmus V, Zomer TP, Wu Q, Richardus JH. Behavioral interventions to reduce HIV risk behavior for MSM and transwomen in Southeast Asia: a systematic review. *AIDS care*. 2016;29(1):1-7.
197. Visser, Marianne E, Duraõ, Solange, Sinclair, David, Irlam, James H, Siegfried, Nandi. Micronutrient supplementation in adults with HIV infection. *Cochrane Database of Systematic Reviews*. 2017;5:CD003650.
198. Fakoya I, Álvarez-Del Arco D, Woode-Owusu M, Monge S, Rivero-Montesdeoca Y, Delpèch V, Rice B, Noori T, Pharris A, Amato-Gauci AJ, Del Amo J, Burns FM. A systematic review of post-migration acquisition of HIV among migrants from countries with generalised HIV epidemics living in Europe: mplications for effectively managing HIV prevention programmes and policy. *BMC public health*. 2015;15:561.

199. Siegfried N, Muller M, Deeks JJ, Volmink J. Male circumcision for prevention of heterosexual acquisition of HIV in men. *Cochrane database of systematic reviews* (Online). 2009;(2):CD003362.
200. O Reilly KR, Kennedy CE, Fonner VA, Sweat MD. Family planning counseling for women living with HIV: a systematic review of the evidence of effectiveness on contraceptive uptake and pregnancy incidence, 1990 to 2011. *BMC public health*. 2013;13(1):935.
201. Berner K, Morris L, Baumeister J, Louw Q. Objective impairments of gait and balance in adults living with HIV-1 infection: a systematic review and meta-analysis of observational studies. *BMC musculoskeletal disorders*. 2017;18(1):325.
202. Walsh C, McCann E, Gilbody S, Hughes E. Promoting HIV and sexual safety behaviour in people with severe mental illness: A systematic review of behavioural interventions. *International journal of mental health nursing*. 2014;23(4):344-54.
203. Wolitski RJ, MacGowan RJ, Higgins DL, Jorgensen CM. The effects of HIV counseling and testing on risk-related practices and help-seeking behavior. *AIDS education and prevention : official publication of the International Society for AIDS Education*. 1997;9(3 Suppl):52-67.
204. Indolfi G, Bartolini E, Serranti D, Azzari C, Resti M. Hepatitis C in Children Co-infected With Human Immunodeficiency Virus. *Journal of pediatric gastroenterology and nutrition*. 2015;61(4):393-9.
205. Cohn J, Whitehouse K, Tuttle J, Lueck K, Tran T. Paediatric HIV testing beyond the context of prevention of mother-to-child transmission: a systematic review and meta-analysis. *The lancet. HIV*. 2016;3(10):e473-81.
206. Breastfeeding and HIV International Transmission Study Group, Coutsooudis A, Dabis F, Fawzi W, Gaillard P, Haverkamp G, Harris DR, Jackson JB, Leroy V, Meda N, Msellati P, Newell ML, Nsuati R, Read JS, Wiktor S. Late postnatal transmission of HIV-1 in breast-fed children: an individual patient data meta-analysis. *The Journal of infectious diseases*. 2004;189(12):2154-66.
207. Gupta R, Hill A, Sawyer AW, Pillay D. Emergence of drug resistance in HIV type 1-infected patients after receipt of first-line highly active antiretroviral therapy: a systematic review of clinical trials. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2008;47(5):712-22.
208. Huang Y, Follmann D, Nason M, Zhang L, Huang Y, Mehrotra DV, Moodie Z, Metch B, Janes H, Keefer MC, Churchyard G, Robb ML, Fast PE, Duerr A, McElrath MJ, Corey L, Mascola JR, Graham BS, Sobieszczyk ME, Kublin JG, Robertson M, Hammer SM, Gray GE, Buchbinder SP, Gilbert PB. Effect of rAd5-Vector HIV-1 Preventive Vaccines on HIV-1 Acquisition: A Participant-Level Meta-Analysis of Randomized Trials. *PloS one*. 2015;10(9):e0136626.
209. Langebeek N., Gisolf E.H., Reiss P., Vervoort S.C., Hafsteinsdottir T.B., Richter C., Sprangers M.A.G., Nieuwkerk P.T.. Predictors and correlates of adherence to combination antiretroviral therapy (ART) for chronic HIV infection: A meta-analysis. *BMC Medicine*. 2014;12(1).
210. Azar MM, Springer SA, Meyer JP, Altice FL. A systematic review of the impact of alcohol use disorders on HIV treatment outcomes, adherence to antiretroviral therapy and health care utilization. *Drug and alcohol dependence*. 2010;112(3):178-93.
211. Pellicelli AM, Barbaro G, Palmieri F, Girardi E, D'Ambrosio C, Rianda A, Barbarini G, Frigiotti D, Borgia MC, Petrosillo N. Primary pulmonary hypertension in HIV patients: a systematic review. *Angiology*. 2001;52(1):31-41.

212. Suthar AB, Ford N, Bachanas PJ, Wong VJ, Rajan JS, Saltzman AK, Ajose O, Fakoya AO, Granich RM, Negussie EK, Baggaley RC. Towards universal voluntary HIV testing and counselling: a systematic review and meta-analysis of community-based approaches. *PLoS medicine*. 2013;10(8):e1001496.
213. Sawyer A, Ayers S, Field AP. Posttraumatic growth and adjustment among individuals with cancer or HIV/AIDS: a meta-analysis. *Clinical psychology review*. 2010;30(4):436-47.
214. Aibibula W, Cox J, Hamelin AM, Mamiya H, Klein MB, Brassard P. Food insecurity and low CD4 count among HIV-infected people: a systematic review and meta-analysis. *AIDS care*. 2016;28(12):1-9.
215. Krause J, Subklew-Sehume F, Kenyon C, Colebunders R. Acceptability of HIV self-testing: a systematic literature review. *BMC public health*. 2013;13:735.
216. Alemu FM, Yalew AW, Fantahun M, Ashu EE. Antiretroviral Therapy and Pregnancy Outcomes in Developing Countries: A Systematic Review. *International journal of MCH and AIDS*. 2015;3(1):31-43.
217. Valera P, Chang Y, Lian Z. HIV risk inside U.S. prisons: a systematic review of risk reduction interventions conducted in U.S. prisons. *AIDS care*. 2016;29(8):1-10.
218. Onwumeh, Jennifer, Okwundu, Charles I, Kredo, Tamara. Interleukin-2 as an adjunct to antiretroviral therapy for HIV-positive adults. *Cochrane Database of Systematic Reviews*. 2017;5:CD009818.
219. Sivarajah V, Venus K, Yudin MH, Murphy KE, Morrison SA, Tan DH. Does maternal HSV-2 coinfection increase mother-to-child transmission of HIV? A systematic review. *Sexually transmitted infections*. 2017;
220. Tengs TO, Lin TH. A meta-analysis of utility estimates for HIV/AIDS. *Medical decision making : an international journal of the Society for Medical Decision Making*. 2002;22(6):475-81.
221. Darbyshire J, Foulkes M, Peto R, Duncan W, Babiker A, Collins R, Hughes M, Peto T, Walker A. Immediate versus deferred zidovudine (AZT) in asymptomatic or mildly symptomatic HIV infected adults. *Cochrane database of systematic reviews (Online)*. 2000;(3):CD002039.
222. Hagan H, Jordan AE, Neurer J, Cleland CM. Incidence of sexually transmitted hepatitis C virus infection in HIV-positive men who have sex with men. *AIDS (London, England)*. 2015;29(17):2335-45.
223. Breastfeeding and HIV International Transmission Study Group. Mortality among HIV-1-infected women according to children's feeding modality: an individual patient data meta-analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2005;39(4):430-8.
224. Bhatta DN, Liabsuetrakul T, McNeil EB. Social and behavioral interventions for improving quality of life of HIV infected people receiving antiretroviral therapy: a systematic review and meta-analysis. *Health and quality of life outcomes*. 2017;15(1):80.
225. Wynberg E, Cooke G, Shroufi A, Reid SD, Ford N. Impact of point-of-care CD4 testing on linkage to HIV care: a systematic review. *Journal of the International AIDS Society*. 2014;17(1):18809.
226. Gazzard B, Balkin A, Hill A. Analysis of neuropsychiatric adverse events during clinical trials of efavirenz in antiretroviral-naive patients: a systematic review. *AIDS reviews*. 2010;12(2):67-75.
227. Leeper SC, Montague BT, Friedman JF, Flanigan TP. Lessons learned from family-centred models of treatment for children living with HIV: current approaches and future directions. *Journal of the International AIDS Society*. 2010;13 Suppl 2(SUPPL. 2):S3.

228. Janda S, Quon BS, Swiston J. HIV and pulmonary arterial hypertension: a systematic review. *HIV medicine*. 2010;11(10):620-34.
229. Manthravadi S., Madhusudhana S.. The impact of HIV infection on outcomes in patients with common non-AIDS defining malignancies: A systematic review and meta-analysis. *Journal of Clinical Oncology*. 2016;
230. Grimwade K, Swingle None, G None. Cotrimoxazole prophylaxis for opportunistic infections in adults with HIV. *Cochrane database of systematic reviews (Online)*. 2003;(3):CD003108.
231. Kontorinis N, Agarwal K, Dieterich DT. Treatment of hepatitis C virus in HIV patients: a review. *AIDS (London, England)*. 2005;19 Suppl 3(SUPPL. 3):S166-73.
232. Ford N, Shubber Z, Meintjes G, Grinsztejn B, Eholie S, Mills EJ, Davies MA, Vitoria M, Penazzato M, Nsanzimana S, Frigati L, O'Brien D, Ellman T, Alose O, Calmy A, Doherty M. Causes of hospital admission among people living with HIV worldwide: a systematic review and meta-analysis. *The lancet. HIV*. 2015;2(10):e438-44.
233. FU Liang, WU Mi-bin, HU Yan. Influence of Cognitive Behavioural Therapy on Depression, Medication Adherence and Quality of Life in People Living with HIV/AIDS (PLHIV): A Systematic Review. *中国循证医学杂志 (Chinese Journal of Evidence-Based Medicine)*. 2014;06(2014):734-742.
234. Summah H, Zhu YG, Falagas ME, Vouloumanou EK, Qu JM. Use of real-time polymerase chain reaction for the diagnosis of *Pneumocystis pneumonia* in immunocompromised patients: a meta-analysis. *Chinese medical journal*. 2013;126(10):1965-73.
235. Aidala AA, Wilson MG, Shubert V, Gogolishvili D, Globerman J, Rueda S, Bozack AK, Caban M, Rourke SB. Housing Status, Medical Care, and Health Outcomes Among People Living With HIV/AIDS: A Systematic Review. *American journal of public health*. 2015;106(1):e1-e23.
236. Bigna JJ, Nansseu JR, Um LN, Noumegni SR, Simé PS, Aminde LN, Koulla-Shiro S, Noubiap JJ. Prevalence and incidence of pulmonary hypertension among HIV-infected people in Africa: a systematic review and meta-analysis. *BMJ open*. 2016;6(8):e011921.
237. Bundhun PK, Pursun M, Huang WQ. Does infection with human immunodeficiency virus have any impact on the cardiovascular outcomes following percutaneous coronary intervention?: a systematic review and meta-analysis. *BMC cardiovascular disorders*. 2017;17(1):190.
238. Irvine C, Egan KJ, Shubber Z, Van Rompay KK, Beanland RL, Ford N. Efficacy of HIV Postexposure Prophylaxis: Systematic Review and Meta-analysis of Nonhuman Primate Studies. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2015;60 Suppl 3:S165-9.
239. Kranzer K, Govindasamy D, Ford N, Johnston V, Lawn SD. Quantifying and addressing losses along the continuum of care for people living with HIV infection in sub-Saharan Africa: a systematic review. *Journal of the International AIDS Society*. 2012;15(2):17383.
240. Trikalinos TA, Ioannidis JP. Discontinuation of *Pneumocystis carinii* prophylaxis in patients infected with human immunodeficiency virus: a meta-analysis and decision analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2001;33(11):1901-9.
241. Cooper C, Kanters S, Klein M, Chaudhury P, Marotta P, Wong P, Kneteman N, Mills EJ. Liver transplant outcomes in HIV-infected patients: a systematic review and meta-analysis with synthetic cohort. *AIDS (London, England)*. 2011;25(6):777-86.

242. Perazzo J, Reyes D, Webel A. A Systematic Review of Health Literacy Interventions for People Living with HIV. *AIDS and behavior*. 2016;21(3):812-821.
243. Andersohn F, Claes AK, Kulp W, Mahlich J, Rockstroh JK. Simeprevir with pegylated interferon alfa 2a plus ribavirin for treatment of hepatitis C virus genotype 1 in patients with HIV: a meta-analysis and historical comparison. *BMC infectious diseases*. 2016;16(1):10.
244. Akolo C, Adetifa I, Shepperd S, Volmink J. Treatment of latent tuberculosis infection in HIV infected persons. *Cochrane database of systematic reviews (Online)*. 2010;(1):CD000171.
245. Ewald H, Santini-Oliveira M, Bühler JE, Vuichard D, Schandelmaier S, Stöckle M, Briel M, Bucher HC, Hemkens LG. Comparative effectiveness of tenofovir in HIV-infected treatment-experienced patients: systematic review and meta-analysis. *HIV clinical trials*. 2016;18(1):1-11.
246. Straetemans M, Bierrenbach AL, Nagelkerke N, Glaziou P, van der Werf MJ. The effect of tuberculosis on mortality in HIV positive people: a meta-analysis. *PloS one*. 2010;5(12):e15241.
247. R. Harding, D. Karus, P. Easterbrook, V.H. Raveis, I.J. Higginson and K. Marconi. Does palliative care improve outcomes for patients with HIV/AIDS? A systematic review of the evidence. *International Initiative for Impact Evaluation (3ie)*. 2005;
248. Mugglin C, Estill J, Wandeler G, Bender N, Egger M, Gsponer T, Keiser O, IeDEA Southern Africa. Loss to programme between HIV diagnosis and initiation of antiretroviral therapy in sub-Saharan Africa: systematic review and meta-analysis. *Tropical medicine & international health : TM & IH*. 2012;17(12):1509-20.
249. Calatrava M, López-Del Burgo C, de Irala J. [Sexual risk factors among European young people]. *Medicina clínica*. 2012;138(12):534-40.
250. Patton LL, Bonito AJ, Shugars DA. A systematic review of the effectiveness of antifungal drugs for the prevention and treatment of oropharyngeal candidiasis in HIV-positive patients. *Oral surgery, oral medicine, oral pathology, oral radiology, and endodontics*. 2001;92(2):170-9.
251. Davies A, Singh KP, Shubber Z, Ducros P, Mills EJ, Cooke G, Ford N. Treatment outcomes of treatment-naïve Hepatitis C patients co-infected with HIV: a systematic review and meta-analysis of observational cohorts. *PloS one*. 2013;8(2):e55373.
252. Yeatman S, Eaton JW, Beckles Z, Benton L, Gregson S, Zaba B. Impact of ART on the Fertility of HIV-Positive Women in Sub-Saharan Africa. *Tropical medicine & international health : TM & IH*. 2016;21(9):1071-85.
253. Lorainne Tudor Car, Michelle HMMT van-Velthoven, Serena Brusamento, Hoda Elmoniry, Josip Car, Azeem Majeed, Rifat Atun. Integrating prevention of mother-to-child HIV transmission (PMTCT) programmes with other health services for preventing HIV infection and improving HIV outcomes in developing countries. *Cochrane Database of Systematic Reviews*. 2011;(6):CD008741.
254. Ambia J, Mandala J. A systematic review of interventions to improve prevention of mother-to-child HIV transmission service delivery and promote retention. *Journal of the International AIDS Society*. 2016;19(1):20309.
255. Ioannidis JP, Rosenberg PS, Goedert JJ, Ashton LJ, Benfield TL, Buchbinder SP, Coutinho RA, Eugen-Olsen J, Gallart T, Katzenstein TL, Kostrikis LG, Kuipers H, Louie LG, Mallal SA, Margolick JB, Martinez OP, Meyer L, Michael NL, Operskalski E, Pantaleo G, Rizzardì GP, Schuitemaker H, Sheppard HW, Stewart GJ, Theodorou ID, Ullum H, Vicenzi E, Vlahov D, Wilkinson D, Workman

- C, Zagury JF, O'Brien TR, International Meta-Analysis of HIV Host Genetics. Effects of CCR5-Delta32, CCR2-64I, and SDF-1 3'A alleles on HIV-1 disease progression: An international meta-analysis of individual-patient data. *Annals of internal medicine*. 2001;135(9):782-95.
256. Crepaz N, Baack BN, Higa DH, Mullins MM. Effects of integrated interventions on transmission risk and care continuum outcomes in persons living with HIV: meta-analysis, 1996-2014. *AIDS (London, England)*. 2015;29(18):2371-83.
257. Bulsara SM, Wainberg ML, Newton-John TR. Predictors of Adult Retention in HIV Care: A Systematic Review. *AIDS and behavior*. 2016;
258. Tudor Car L, Van Velthoven MH, Brusamento S, Elmoniry H, Car J, Majeed A, Tugwell P, Welch V, Marusic A, Atun R. Integrating prevention of mother-to-child HIV transmission programs to improve uptake: a systematic review. *PloS one*. 2012;7(4):e35268.
259. Rueda S, Mitra S, Chen S, Gogolishvili D, Globerman J, Chambers L, Wilson M, Logie CH, Shi Q, Morassaei S, Rourke SB. Examining the associations between HIV-related stigma and health outcomes in people living with HIV/AIDS: a series of meta-analyses. *BMJ open*. 2016;6(7):e011453.
260. Hader SL, Smith DK, Moore JS, Holmberg SD. HIV infection in women in the United States: status at the Millennium. *JAMA*. 2001;285(9):1186-92.
261. Deminice R, Silva TC, de Oliveira VH. Elevated homocysteine levels in human immunodeficiency virus-infected patients under antiretroviral therapy: A meta-analysis. *World journal of virology*. 2015;4(2):147-55.
262. Snedecor SJ, Sudharshan L, Nedrow K, Bhanegaonkar A, Simpson KN, Haider S, Chambers R, Craig C, Stephens J. Burden of nonnucleoside reverse transcriptase inhibitor resistance in HIV-1-infected patients: a systematic review and meta-analysis. *AIDS research and human retroviruses*. 2014;30(8):753-68.
263. Ata-Ali J, Ata-Ali F, Di-Benedetto N, Bagán L, Bagán JV. Does HIV infection have an impact upon dental implant osseointegration? A systematic review. *Medicina oral, patologia oral y cirugía bucal*. 2015;20(3):e347-56.
264. Ambia J., Mandala J.. A systematic review of interventions to improve prevention of mother-to-child HIV transmission service delivery and promote retention. *Journal of the International AIDS Society*. 2016;19(1).
265. Low AJ, Mburu G, Welton NJ, May MT, Davies CF, French C, Turner K, Looker KJ, Christensen H, McLean S, Rhodes T, Platt L, Hickman M, Guise A, Vickerman P. Impact of Opioid Substitution Therapy on Antiretroviral Therapy Outcomes: a Systematic Review and Meta-Analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2016;63(8):1094-104.
266. Mumtaz G, Hilmi N, McFarland W, Kaplan RL, Akala FA, Semini I, Riedner G, Tawil O, Wilson D, Abu-Raddad LJ. Are HIV epidemics among men who have sex with men emerging in the Middle East and North Africa?: a systematic review and data synthesis. *PLoS medicine*. 2010;8(8):e1000444.
267. Isaakidis P, Casas EC, Das M, Tseretopoulou X, Ntzani EE, Ford N. Treatment outcomes for HIV and MDR-TB co-infected adults and children: systematic review and meta-analysis. *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease*. 2015;19(8):969-78.

268. Simoni JM, Amico KR, Smith L, Nelson K. Antiretroviral adherence interventions: translating research findings to the real world clinic. *Current HIV/AIDS reports*. 2010;7(1):44-51.
269. Carter GM, Esmaeili A, Shah H, Indyk D, Johnson M, Andreae M, Sacks HS. Probiotics in human immunodeficiency virus infection: A systematic review and evidence synthesis of benefits and risks. *Open Forum Infectious Diseases*. 2016;3(4):ofw164.
270. Tengan FM, Ibrahim KY, Dantas BP, Manchiero C, Magri MC, Bernardo WM. Seroprevalence of hepatitis C virus among people living with HIV/AIDS in Latin America and the Caribbean: a systematic review. *BMC infectious diseases*. 2016;16(1):663.
271. McLean CP, Fitzgerald H. Treating Posttraumatic Stress Symptoms Among People Living with HIV: a Critical Review of Intervention Trials. *Current psychiatry reports*. 2016;18(9):83.
272. Marks G, Gardner LI, Craw J, Crepaz N. Entry and retention in medical care among HIV-diagnosed persons: a meta-analysis. *AIDS (London, England)*. 2010;24(17):2665-78.
273. Powers KA, Poole C, Pettifor AE, Cohen MS. Rethinking the heterosexual infectivity of HIV-1: a systematic review and meta-analysis. *The Lancet. Infectious diseases*. 2008;8(9):553-63.
274. Martí-Carvajal, Arturo J, Cardona, Andrés F, Rodríguez, Myriam Lucía. Interventions for treating AIDS-associated Hodgkin's lymphoma in treatment-naive adults. *Cochrane Database of Systematic Reviews*. 2007;(2):CD006149.
275. de Waal R, Cohen K, Maartens G. Systematic review of antiretroviral-associated lipodystrophy: lipoatrophy, but not central fat gain, is an antiretroviral adverse drug reaction. *PloS one*. 2013;8(5):e63623.
276. James Hargreaves and Tania Boler. Girl power: The impact of girls' education on HIV and sexual behaviour. *International Initiative for Impact Evaluation (3ie)*. 2006;
277. Grimwade K, Swingler GH. Cotrimoxazole prophylaxis for opportunistic infections in children with HIV infection. *Cochrane database of systematic reviews (Online)*. 2006;(1):CD003508.
278. Campos, Flávia Alves, Lage, Bruno Freitas, Assumpção, Maria Vitória Mourão, Pinto, Jorge A., Lanna, Antônio de Pádua Santos, Andrade, Gláucia Manzan Queiroz de. Incidence of congenital toxoplasmosis among infants born to HIV-coinfected mothers: case series and literature review. *Braz J Infect Dis*. 2014;18(6):609-617.
279. Tucker JD, Tso LS, Hall B, Ma Q, Beanland R, Best J, Li H, Lackey M, Marley G, Rich ZC, Sou KL, Doherty M. Enhancing Public Health HIV Interventions: A Qualitative Meta-Synthesis and Systematic Review of Studies to Improve Linkage to Care, Adherence, and Retention. *EBioMedicine*. 2017;17:163-171.
280. Crepaz N, Hart TA, Marks G. Highly active antiretroviral therapy and sexual risk behavior: a meta-analytic review. *JAMA : the journal of the American Medical Association*. 2004;292(2):224-36.
281. Wong WC, Luk CW, Kidd MR. Is there a role for primary care clinicians in providing shared care in HIV treatment? A systematic literature review. *Sexually transmitted infections*. 2012;88(2):125-31.
282. Sunguya BF, Munisamy M, Pongpanich S, Yasuoka J, Jimba M. Ability of HIV Advocacy to Modify Behavioral Norms and Treatment Impact: A Systematic Review. *American journal of public health*. 2016;106(8):e1-e8.
283. Hemkens LG, Ewald H, Santini-Oliveira M, Bühler JE, Vuichard D, Schandelmaier S, Stöckle M, Briel M, Bucher HC. Comparative effectiveness of tenofovir in treatment-naïve HIV-infected patients: systematic review and meta-analysis. *HIV clinical trials*. 2015;16(5):178-189.

284. Forhan SE, Godfrey CC, Watts DH, Langley CL. A Systematic Review of the Effects of Visual Inspection With Acetic Acid, Cryotherapy, and Loop Electrosurgical Excision Procedures for Cervical Dysplasia in HIV-Infected Women in Low- and Middle-Income Countries. *Journal of acquired immune deficiency syndromes (1999)*. 2015;68 Suppl 3:S350-S356.
285. Pavlova-McCalla E, Trepka MJ, Ramirez G, Niyonsenga T. Socioeconomic Status and Survival of People with Human Immunodeficiency Virus Infection before and after the Introduction of Highly Active Antiretroviral Therapy: A Systematic Literature Review. *Journal of AIDS & clinical research*. 2012;3(6).
286. Rubtsova AA, Kempf MC, Taylor TN, Konkle-Parker D, Wingood GM, Holstad MM. Healthy Aging in Older Women Living with HIV Infection: a Systematic Review of Psychosocial Factors. *Current HIV/AIDS reports*. 2017;14(1):17-30.
287. Le Doaré K, Bland R, Newell ML. Neurodevelopment in children born to HIV-infected mothers by infection and treatment status. *Pediatrics*. 2012;130(5):e1326-44.
288. Banks LM, Zuurmond M, Ferrand R, Kuper H. The relationship between HIV and Prevalence of Disabilities in sub-Saharan Africa: Systematic Review (FA). *Tropical medicine & international health : TM & IH*. 2014;20(4):411-429.
289. Brind J, Condly SJ, Mosher SW, Morse AR, Kimball J. Risk of HIV Infection in Depot-Medroxyprogesterone Acetate (DMPA) Users: A Systematic Review and Meta-analysis. *Issues in law & medicine*. 2015;30(2):129-39.
290. Millett GA, Flores SA, Peterson JL, Bakeman R. Explaining disparities in HIV infection among black and white men who have sex with men: a meta-analysis of HIV risk behaviors. *AIDS (London, England)*. 2007;21(15):2083-91.
291. Azevedo TC, Zwahlen M, Rauch A, Egger M, Wandeler G. Hepatitis C in HIV-infected individuals: a systematic review and meta-analysis of estimated prevalence in Africa. *Journal of the International AIDS Society*. 2016;19(1):20711.
292. Teeraananchai S., Kerr S.J., Amin J., Ruxrungtham K., Law M.. Life expectancy of HIV-positive people after starting combination antiretroviral therapy: a meta-analysis. *HIV Medicine*. 2016;18(4):256-266.
293. Johnson BT, Scott-Sheldon LA, Huedo-Medina TB, Carey MP. Interventions to reduce sexual risk for human immunodeficiency virus in adolescents: a meta-analysis of trials, 1985-2008. *Archives of pediatrics & adolescent medicine*. 2011;165(1):77-84.
294. Medved Kendrick H. Are religion and spirituality barriers or facilitators to treatment for HIV: a systematic review of the literature. *AIDS care*. 2016;29(1):1-13.
295. Lan CW, Scott-Sheldon LA, Carey KB, Johnson BT, Carey MP. Prevalence of Alcohol Use, Sexual Risk Behavior, and HIV Among Russians in High-Risk Settings: a Systematic Review and Meta-Analysis. *International journal of behavioral medicine*. 2016;24(2):180-190.
296. Messiaen P, Wensing AM, Fun A, Nijhuis M, Brusselaers N, Vandekerckhove L. Clinical use of HIV integrase inhibitors: a systematic review and meta-analysis. *PloS one*. 2013;8(1):e52562.
297. Low A, Gavriilidis G, Larke N, B-Lajoie MR, Drouin O, Stover J, Muhe L, Easterbrook P. Incidence of Opportunistic Infections and the Impact of Antiretroviral Therapy Among HIV-Infected Adults in Low- and Middle-Income Countries: A Systematic Review and Meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2016;62(12):1595-603.

298. Hargreaves JR, Glynn JR. Educational attainment and HIV-1 infection in developing countries: a systematic review. *Tropical medicine & international health : TM & IH.* 2002;7(6):489-98.
299. Handford CD, Tynan AM, Agha A, Rzeznikewicz D, Glazier RH. Organization of care for persons with HIV-infection: a systematic review. *AIDS care.* 2016;29(7):1-10.
300. DeBeck K, Cheng T, Montaner JS, Beyrer C, Elliott R, Sherman S, Wood E, Baral S. HIV and the criminalisation of drug use among people who inject drugs: a systematic review. *The lancet. HIV.* 2017;4(8):e357-e374.
301. Morrison C.S., Chen P.-L., Kwok C., Baeten J.M., Brown J., Crook A.M., Van Damme L., Delany-Moretlwe S., Francis S.C., Friedland B.A., Hayes R.J., Heffron R., Kapiga S., Karim Q.A., Karpoff S., Kaul R., McClelland R.S., McCormack S., McGrath N., Myer L., Rees H., van der Straten A., Watson-Jones D., van de Wijert J.H.H.M., Stalter R., Low N.. Hormonal Contraception and the Risk of HIV Acquisition: An Individual Participant Data Meta-analysis. *PLoS Medicine.* 2015;12(1):1-26.
302. Fleteau C, Le Loup G, Pialoux G. Consequences of HIV infection on malaria and therapeutic implications: a systematic review. *The Lancet infectious diseases.* 2011;11(7):541-56.
303. Jennifer Uyei, David Coetzee, James Macinko, Sally Guttmacher. Integrated delivery of HIV and tuberculosis services in Sub-Saharan Africa: A systematic review. *International Initiative for Impact Evaluation (3ie).* 2011;
304. Wijesekera MP, Graham SM, Laloo DG, Simpson H, Harrison WJ. Fracture management in HIV positive individuals: a systematic review. *International orthopaedics.* 2016;40(12):1-17.
305. Kourtis AP, Schmid CH, Jamieson DJ, Lau J. Use of antiretroviral therapy in pregnant HIV-infected women and the risk of premature delivery: a meta-analysis. *AIDS (London, England).* 2007;21(5):607-15.
306. Kalamar AM, Bayer AM, Hindin MJ. Interventions to Prevent Sexually Transmitted Infections, Including HIV, Among Young People in Low- and Middle-Income Countries: A Systematic Review of the Published and Gray Literature. *The Journal of adolescent health : official publication of the Society for Adolescent Medicine.* 2016;59(3 Suppl):S22-31.
307. Rizzoli A., Vargas G., Pizarro M., Soto Molina H.. Efficacy and safety of the combination tenofovir (TDF)/ emtricitabina (FTC) = Efavirenz (EFV) in treatment of naive adult patients with HIV-1 infection: A systematic review. *Value in Health.* 2012;:A237.
308. Unachukwu CN, Uchenna DI, Young EE. Endocrine and metabolic disorders associated with human immune deficiency virus infection. *West African journal of medicine.* 2009;28(1):3-9.
309. Namale PE, Abdullahi LH, Fine S, Kamkuemah M, Wilkinson RJ, Meintjes G. Paradoxical TB-IRIS in HIV-infected adults: a systematic review and meta-analysis. *Future microbiology.* 2015;10(6):1077-99.
310. Barth RE, van der Loeff MF, Schuurman R, Hoepelman AI, Wensing AM. Virological follow-up of adult patients in antiretroviral treatment programmes in sub-Saharan Africa: a systematic review. *The Lancet infectious diseases.* 2010;10(3):155-66.
311. Carreira H, Coutinho F, Carrilho C, Lunet N. HIV and HPV infections and ocular surface squamous neoplasia: systematic review and meta-analysis. *British journal of cancer.* 2013;109(7):1981-8.
312. McGoldrick C, Leen CL. The management of dyslipidaemias in antiretroviral-treated HIV infection: a systematic review. *HIV medicine.* 2007;8(6):325-34.

313. Hickey AJ, Gounder L, Moosa MY, Drain PK. A systematic review of hepatic tuberculosis with considerations in human immunodeficiency virus co-infection. *BMC infectious diseases*. 2015;15(1):209.
314. Saez de la Fuente J, Such Díaz A, Sánchez Gil C, Esteban Alba C, Escobar Rodríguez I. [Meta-analysis of the effectiveness of the strategy of monotherapy with boosted protease inhibitors in HIV+ patients]. *Farmacia hospitalaria : órgano oficial de expresión científica de la Sociedad Española de Farmacia Hospitalaria*. 2010;34(5):251-8.
315. Kimel M, Leidy NK, Mannix S, Dixon J. Does epoetin alfa improve health-related quality of life in chronically ill patients with anemia? Summary of trials of cancer, HIV/AIDS, and chronic kidney disease. *Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research*. 2008;11(1):57-75.
316. Pillay P, Ford N, Shubber Z, Ferrand RA. Outcomes for efavirenz versus nevirapine-containing regimens for treatment of HIV-1 infection: a systematic review and meta-analysis. *PloS one*. 2013;8(7):e68995.
317. Boerma RS, Boender TS, Bussink AP, Calis JC, Bertagnolio S, Rinke de Wit TF, Boele van Hensbroek M, Sigaloff KC. Suboptimal Viral Suppression Rates Among HIV-Infected Children in Low- and Middle-Income Countries: A Meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2016;63(12):1645-1654.
318. Mugglin C, Wandeler G, Estill J, Egger M, Bender N, Davies MA, Keiser O. Retention in care of HIV-infected children from HIV test to start of antiretroviral therapy: systematic review. *PloS one*. 2013;8(2):e56446.
319. Crepaz N, Tungol-Ashmon MV, Vosburgh HW, Baack BN, Mullins MM. Are couple-based interventions more effective than interventions delivered to individuals in promoting HIV protective behaviors? A meta-analysis. *AIDS care*. 2015;27(11):1-6.
320. Chikhungu LC, Bispo S, Rollins N, Siegfried N, Newell ML. HIV-free survival at 12 - 24 months in breastfed infants of HIV-infected women on ART. *Tropical medicine & international health : TM & IH*. 2016;21(7):820-8.
321. Chop E, Duggaraju A, Flignor A, Burke V, Caldas S, Yeh PT, Narasimhan M, Amin A, Kennedy CE. Food insecurity, sexual risk behavior, and adherence to antiretroviral therapy among women living with HIV: A systematic review. *Health care for women international*. 2017;38(9):0.
322. Mavegam BO, Pharr JR, Cruz P, Ezeanolue EE. Effective interventions to improve young adults' linkage to HIV care in Sub-Saharan Africa: a systematic review. *AIDS care*. 2017;29(10):1-7.
323. Lancaster, Kathryn E., Cernigliaro, Dana, Zulliger, Rose, Fleming, Paul F.. HIV care and treatment experiences among female sex workers living with HIV in sub-Saharan Africa: A systematic review. *African Journal of AIDS Research*. 2016;15(4):377-386.
324. Hudelson C, Cluver L. Factors associated with adherence to antiretroviral therapy among adolescents living with HIV/AIDS in low- and middle-income countries: a systematic review. *AIDS care*. 2015;27((Hudelson C., Carly_Hudelson@hms.harvard.edu; Cluver L.) Department of Social Policy and Intervention, University of Oxford, Oxford, UK):1-12.
325. Mak WWS, Mo PKH, Ma GYK, Lam MYY. Meta-analysis and systematic review of studies on the effectiveness of HIV stigma reduction programs. *Social science & medicine (1982)*. 2017;188:30-40.

326. Fung HB, Kirschenbaum HL, Hameed R. Amprenavir: a new human immunodeficiency virus type 1 protease inhibitor. *Clinical therapeutics*. 2000;22(5):549-72.
327. Crawford G, Lobo R, Brown G, Macri C, Smith H, Maycock B. HIV, Other Blood-Borne Viruses and Sexually Transmitted Infections amongst Expatriates and Travellers to Low- and Middle-Income Countries: A Systematic Review. *International journal of environmental research and public health*. 2016;13(12).
328. Avila-Rios S, Sued O, Rhee SY, Shafer RW, Reyes-Teran G, Ravasi G. Surveillance of HIV Transmitted Drug Resistance in Latin America and the Caribbean: A Systematic Review and Meta-Analysis. *PloS one*. 2016;11(6):e0158560.
329. Cerrato E., D'ascenzo F., Biondi-Zoccai G., Grosso Marra W., Frea S., Quadri G., Omede' P., Moretti C., Gaita F.. Cardiac dysfunction in pauci symptomatic HIV patients: A meta-analysis in the Highly Active Antiretroviral Therapy era. *European Journal of Heart Failure*. 2013;;S99.
330. Vos AG, Idris NS, Barth RE, Klipstein-Grobusch K, Grobbee DE. Pro-Inflammatory Markers in Relation to Cardiovascular Disease in HIV Infection. A Systematic Review. *PloS one*. 2016;11(1):e0147484.
331. Footer KH, Silberzahn BE, Tormohlen KN, Sherman SG. Policing practices as a structural determinant for HIV among sex workers: a systematic review of empirical findings. *Journal of the International AIDS Society*. 2016;19(4 Suppl 3):20883.
332. Lim RB, Tham DK, Cheung ON, Wong ML. Efficacy of Human Immunodeficiency Virus/Sexually Transmitted Infection Prevention Interventions Targeting Female Entertainment Workers: A Systematic Review and Meta-analysis. *AIDS and behavior*. 2016;21(8):2341-2361.
333. Schnippel K, Firnhaber C, Berhanu R, Page-Shipp L, Sinanovic E. Adverse drug reactions during drug-resistant TB treatment in high HIV prevalence settings: a systematic review and meta-analysis. *The Journal of antimicrobial chemotherapy*. 2017;72(7):1871-1879.
334. Hughes E., Bassi S.S., Gilbody S., Bland M., Martin F.. Systematic review and meta-analysis of HIV, HBV and HCV prevalence in people with severe mental health illness. *HIV Medicine*. 2016;;58.
335. Laisaar KT, Raag M, Rosenthal M, Uusküla A. Behavioral Interventions to Reduce Sexual Risk Behavior in Adults with HIV/AIDS Receiving HIV Care: A Systematic Review. *AIDS patient care and STDs*. 2015;29(5):288-98.
336. Haberlen SA, Narasimhan M, Beres LK, Kennedy CE. Integration of Family Planning Services into HIV Care and Treatment Services: A Systematic Review. *Studies in family planning*. 2017;48(2):153-177.
337. Zürcher K, Mooser A, Anderegg N, Tymejczyk O, Couvillon MJ, Nash D, Egger M, IeDEA and MESH consortia. Outcomes of HIV-positive Patients Lost to Follow-up in African Treatment Programs. *Tropical medicine & international health : TM & IH*. 2017;22(4):375-387.
338. Skowron G, Street JC, Obee EM. Baseline CD4(+) cell count, not viral load, correlates with virologic suppression induced by potent antiretroviral therapy. *Journal of acquired immune deficiency syndromes (1999)*. 2001;28(4):313-9.
339. Zhang J, Liu X, Fu K, Xu C, Gong R, Liu L, Guo T, Zhou H, Zhao X, Chen J, Zhang J. The Diagnostic Value and Safety of Stereotactic Biopsy in AIDS Patients with Intracranial Lesions: Systematic Review and Meta-analysis. *World neurosurgery*. 2016;
340. Abioye AI, Soipe AI, Salako AA, Odesanya MO, Okuneye TA, Abioye AI, Ismail KA, Omotayo MO. Are there differences in disease progression and mortality among male and female HIV

- patients on antiretroviral therapy? A meta-analysis of observational cohorts. *AIDS care*. 2015;27(12):1468-86.
341. Champredon D, Bellan SE, Delva W, Hunt S, Shi CF, Smieja M, Dushoff J. The effect of sexually transmitted co-infections on HIV viral load amongst individuals on antiretroviral therapy: a systematic review and meta-analysis. *BMC infectious diseases*. 2015;15(1):249.
 342. Hergenrather KC, Emmanuel D, Durant S, Rhodes SD. Enhancing HIV Prevention Among Young Men Who Have Sex With Men: A Systematic Review of HIV Behavioral Interventions for Young Gay and Bisexual Men. *AIDS education and prevention : official publication of the International Society for AIDS Education*. 2016;28(3):252-71.
 343. Ruzagira E, Baisley K, Kamali A, Biraro S, Grosskurth H, Working Group on Linkage to HIV Care. Linkage to HIV care after home-based HIV counselling and testing in sub-Saharan Africa: A systematic review. *Tropical medicine & international health : TM & IH*. 2017;22(7):807-821.
 344. Lall P, Lim SH, Khairuddin N, Kamarulzaman A. Review: An urgent need for research on factors impacting adherence to and retention in care among HIV-positive youth and adolescents from key populations. *Journal of the International AIDS Society*. 2015;18(2(Suppl 1)):19393.
 345. Bärnighausen T, Chaiyachati K, Chimbindi N, Peoples A, Haberer J, Newell ML. Interventions to increase antiretroviral adherence in sub-Saharan Africa: a systematic review of evaluation studies. *The Lancet infectious diseases*. 2011;11(12):942-51.
 346. Scott-Sheldon LA, Fielder RL, Carey MP. Sexual risk reduction interventions for patients attending sexually transmitted disease clinics in the United States: a meta-analytic review, 1986 to early 2009. *Annals of behavioral medicine : a publication of the Society of Behavioral Medicine*. 2010;40(2):191-204.
 347. Ahmad Khan F, Minion J, Al-Motairi A, Benedetti A, Harries AD, Menzies D. An updated systematic review and meta-analysis on the treatment of active tuberculosis in patients with HIV infection. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2012;55(8):1154-63.
 348. Landoh DE, Maboudou AA, Deku K, Pitche PV. Distribution of new HIV infections among key risk population groups in Togo. *The Pan African medical journal*. 2014;19:341.
 349. Guo Y, Li X, Sherr L. The impact of HIV/AIDS on children's educational outcome: A critical review of global literature. *AIDS care*. 2012;24(8):993-1012.
 350. Cho H, Iribarren S, Schnall R. Technology-Mediated Interventions and Quality of Life for Persons Living with HIV/AIDS. A Systematic Review. *Applied clinical informatics*. 2017;8(2):348-368.
 351. . HIV/HCV Co-infection and the Risk of Cardiovascular Disease: A Meta-analysis. *AIDS & Hepatitis Digest*. 2017;4(3):8-7.
 352. McKay FH, Lippi K, Dunn M. Investigating Responses to Food Insecurity Among HIV Positive People in Resource Rich Settings: A Systematic Review. *Journal of community health*. 2017;42(5):1062-1068.
 353. Ma Q, Tso LS, Rich ZC, Hall BJ, Beanland R, Li H, Lackey M, Hu F, Cai W, Doherty M, Tucker JD. Barriers and facilitators of interventions for improving antiretroviral therapy adherence: a systematic review of global qualitative evidence. *Journal of the International AIDS Society*. 2016;19(1):21166.

354. Sidhu VK, Foisy MM, Hughes CA. Discontinuing *Pneumocystis jirovecii* Pneumonia Prophylaxis in HIV-Infected Patients With a CD4 Cell Count <200 cells/mm³. *The Annals of pharmacotherapy*. 2015;49(12):1343-8.
355. Njei B.M., Kenta-Bibi E., Taka N., Foma M.K., Njei N.A.. Evidence-based update on the optimal time for initiation of antiretroviral therapy (ART) in patients with HIV infection and concurrent pulmonary tuberculosis (TB): A systematic review of randomized controlled trials. *American Journal of Tropical Medicine and Hygiene*. 2011;:39.
356. Ena J, Ruiz de Apodaca RF, Amador C, Benito C, Pasquau F. Net benefits of resistance testing directed therapy compared with standard of care in HIV-infected patients with virological failure: A meta-analysis. *Enfermedades infecciosas y microbiología clínica*. 2006;24(4):232-7.
357. Makanjuola T, Taddese HB, Booth A. Factors associated with adherence to treatment with isoniazid for the prevention of tuberculosis amongst people living with HIV/AIDS: a systematic review of qualitative data. *PloS one*. 2014;9(2):e87166.
358. Mutasa-Apollo T, Ford N, Wiens M, Socias ME, Negussie E, Wu P, Popoff E, Park J, Mills EJ, Kanters S. Effect of frequency of clinic visits and medication pick-up on antiretroviral treatment outcomes: a systematic literature review and meta-analysis. *Journal of the International AIDS Society*. 2017;20(Suppl 4):88-98.
359. Aibibula W, Cox J, Hamelin AM, McLinden T, Klein MB, Brassard P. Association Between Food Insecurity and HIV Viral Suppression: A Systematic Review and Meta-Analysis. *AIDS and behavior*. 2016;21(3):754-765.
360. Nikolopoulos GK, Paraskevis D, Hatzitheodorou E, Moschidis Z, Sypsa V, Zavitsanos X, Kalapothaki V, Hatzakis A. Impact of hepatitis B virus infection on the progression of AIDS and mortality in HIV-infected individuals: a cohort study and meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2009;48(12):1763-71.
361. Spaulding A, Rutherford GW, Siegfried N. Stavudine or zidovudine in three-drug combination therapy for initial treatment of HIV infection in antiretroviral-naïve individuals. *Cochrane database of systematic reviews (Online)*. 2010;(8):CD008651.
362. Pai NP, Wilkinson S, Deli-Houssein R, Vijh R, Vadnais C, Behlim T, Steben M, Engel N, Wong T. Barriers to Implementation of Rapid and Point-of-Care Tests for Human Immunodeficiency Virus Infection: Findings From a Systematic Review (1996-2014). *Point of care*. 2015;14(3):81-87.
363. Arentz M, Pavlinac P, Kimerling ME, Horne DJ, Falzon D, Schünemann HJ, Royce S, Dheda K, Walson JL, ART study group. Use of anti-retroviral therapy in tuberculosis patients on second-line anti-TB regimens: a systematic review. *PloS one*. 2012;7(11):e47370.
364. Coyne-Meyers K, Trombley LE, Harbor-UCLA Medical Center, Torrance, CA. A review of nutrition in human immunodeficiency virus infection in the era of highly active antiretroviral therapy. *Nutrition in Clinical Practice*. 2004;19(4):340-355.
365. Da Silva L, Kweku Sagoe Amoah S, Da Silva J. Relationship between atopy, allergic diseases and total serum IgE levels among HIV-infected children. *European annals of allergy and clinical immunology*. 2013;45(5):155-9.
366. García-Fernández L, Fiestas F, Vásquez R, Benites C. [Antiretroviral therapy containing raltegravir in HIV-infected pregnant women: Systematic review]. *Revista chilena de infectología : organo oficial de la Sociedad Chilena de Infectología*. 2016;33(Suppl 1):60-66.

367. Brennan A., Long L., Useem J.C., Garrison L., Fox M.P.. A meta-analysis estimating early mortality art in HIV-positive adults on art in LMIC. *Topics in Antiviral Medicine*. 2016;:409-410.
368. Badowski M, Pandit NS. Pharmacologic management of human immunodeficiency virus wasting syndrome. *Pharmacotherapy*. 2014;34(8):868-81.
369. Marcos Y, Ryan Phelps B, Bachman G. Community strategies that improve care and retention along the prevention of mother-to-child transmission of HIV cascade: a review. *Journal of the International AIDS Society*. 2012;15(4):1-10.
370. Wiysonge CS, Shey MS, Shang JD, Sterne JA, Brocklehurst P. Vaginal disinfection for preventing mother-to-child transmission of HIV infection. *Cochrane database of systematic reviews (Online)*. 2005;(4):CD003651.
371. Penazzato M, Dominguez K, Cotton M, Barlow-Mosha L, Ford N. Choice of antiretroviral drugs for postexposure prophylaxis for children: a systematic review. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2015;60 Suppl 3:S177-81.
372. Menon AA, Nganga-Good C, Martis M, Wicken C, Lobner K, Rothman RE, Hsieh YH. Linkage to Care Methods and Rates in U.S. Emergency Department-Based HIV Testing Programs - A Systematic Literature Review Brief Report. *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine*. 2016;23(7):835-842.
373. Miller H, Ferris R, Phelps BR. The effect of probiotics on CD4 counts among people living with HIV: a systematic review. *Beneficial microbes*. 2016;7(3):345-51.
374. Machado MV, Oliveira AG, Cortez-Pinto H. Hepatic steatosis in patients coinfectd with human immunodeficiency virus/hepatitis C virus: a meta-analysis of the risk factors. *Hepatology (Baltimore, Md.)*. 2010;52(1):71-8.
375. Caitlin E. Kennedy, Virginia A. Fonner, Kevin R. O'Reilly, Michael D. Sweat. A Systematic Review of Income Generation Interventions, including Microfinance and Vocational Skills Training, for HIV Prevention. *International Initiative for Impact Evaluation (3ie)*. 2014;
376. Curno MJ, Rossi S, Hodges-Mameletzis I, Johnston R, Price MA, Heidari S. A systematic review of the inclusion (or exclusion) of women in HIV research: from clinical studies of antiretrovirals and vaccines to cure strategies. *Journal of acquired immune deficiency syndromes (1999)*. 2015;71(2):181-8.
377. Evers S, Brilla R, Husstedt I, Department of Neurology, University of Munster, Albert-Schweitzer-Strasse 33, D-48129 Munster, Germany. Headache and human immunodeficiency virus infection -- a systematic review. *Headache Quarterly, Current Treatment & Research*. 1998;9(2):129-133.
378. Dadabhai AS, Saberi B, Lobner K, Shinohara RT, Mullin GE. Influence of vitamin D on liver fibrosis in chronic hepatitis C: A systematic review and meta-analysis of the pooled clinical trials data. *World journal of hepatology*. 2017;9(5):278-287.
379. Chou R, Fu R, Huffman LH, Korthuis PT. Initial highly-active antiretroviral therapy with a protease inhibitor versus a non-nucleoside reverse transcriptase inhibitor: discrepancies between direct and indirect meta-analyses. *Lancet*. 2006;368(9546):1503-15.
380. Nduka C, Sarki A, Uthman O, Stranges S. Impact of antiretroviral therapy on serum lipoprotein levels and dyslipidemias: A systematic review and meta-analysis. *International journal of cardiology*. 2015;199:307-18.
381. Tudor Car L, Brusamento S, Elmoniry H, van Velthoven MH, Pape UJ, Welch V, Tugwell P, Majeed A, Rudan I, Car J, Atun R. The uptake of integrated perinatal prevention of mother-to-

- child HIV transmission programs in low- and middle-income countries: a systematic review. *PloS one*. 2013;8(3):e56550.
382. Van Wyk J., Fredrick L.M., Dorr P., Madihlaba T.. Efficacy and safety of lopinavir/ritonavir-based antiretroviral therapy in HIV-1-infected subjects with advanced disease: A systematic review and meta-analysis. *Future Virology*. 2015;10(8):949-959.
383. Zunza, Moleen, Gray, Diane M, Young, Taryn, Cotton, Mark, Zar, Heather J. Isoniazid for preventing tuberculosis in HIV-infected children. *Cochrane Database of Systematic Reviews*. 2017;8:CD006418.
384. Yang Z, Su J, Peng X, Wu N. A decline in HIV and syphilis epidemics in Chinese female sex workers (2000-2011): a systematic review and meta-analysis. *PloS one*. 2013;8(12):e82451.
385. Taryn Young, Karishma Busgeeth. Home-based care for reducing morbidity and mortality in people infected with HIV/AIDS. *Cochrane database of systematic reviews (Online)*. 2010;(1):CD005417.
386. Leblanc J, Burnet E, D'Almeida KW, Lert F, Simon T, Crémieux AC. The role of nurses in HIV screening in health care facilities: A systematic review. *International journal of nursing studies*. 2015;52(9):1495-513.
387. Muchomba FM, Gearing RE, Simoni JM, El-Bassel N. State of the science of adherence in pre-exposure prophylaxis and microbicide trials. *Journal of acquired immune deficiency syndromes (1999)*. 2012;61(4):490-8.
388. Liu H, Ma Y, Su Y, Smith MK, Liu Y, Jin Y, Gu H, Wu J, Zhu L, Wang N. Emerging trends of HIV drug resistance in Chinese HIV-infected patients receiving first-line highly active antiretroviral therapy: a systematic review and meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2014;59(10):1495-502.
389. Weinberger AH, Smith PH, Funk AP, Rabin S, Shuter J. Gender differences in tobacco use among persons living with HIV/AIDS: A systematic review and meta-analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2016;74(4):439-453.
390. Llewellyn A, Simmonds M, Brunton G, Sowden A. Impact of antiretroviral therapy on liver disease progression and mortality in patients co-infected with HIV and hepatitis C: Systematic review and meta-analysis. London: EPPI-Centre, Social Science Research Unit, Institute of Education, University of London.. 2015;
391. Amin-Esmaili M, Rahimi-Movaghar A, Haghdoost AA, Mohraz M. Evidence of HIV epidemics among non-injecting drug users in Iran: a systematic review. *Addiction (Abingdon, England)*. 2012;107(11):1929-38.
392. Conserve DF, Teti M, Shin G, Iwelunmor J, Handler L, Maman S. A Systematic Review and Narrative Synthesis of Interventions for Parental Human Immunodeficiency Virus Disclosure. *Frontiers in public health*. 2017;5:187.
393. Korenromp EL, Scano F, Williams BG, Dye C, Nunn P. Effects of human immunodeficiency virus infection on recurrence of tuberculosis after rifampin-based treatment: an analytical review. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2003;37(1):101-12.
394. Chin HB, Sipe TA, Elder R, Mercer SL, Chattopadhyay SK, Jacob V, Wethington HR, Kirby D, Elliston DB, Griffith M, Chuke SO, Briss SC, Ericksen I, Galbraith JS, Herbst JH, Johnson RL, Kraft JM, Noar SM, Romero LM, Santelli J, Community Preventive Services Task Force. The effectiveness of group-based comprehensive risk-reduction and abstinence education

- interventions to prevent or reduce the risk of adolescent pregnancy, human immunodeficiency virus, and sexually transmitted infections: two systematic reviews for the Guide to Community Preventive Services. *American journal of preventive medicine*. 2012;42(3):272-94.
395. Liu DJ, Feng MX, Liu M. [Primary drug resistance of human immunodeficiency virus (HIV) among the treatment-naive individuals with HIV in China: a meta-analysis]. *Beijing da xue xue bao. Yi xue ban = Journal of Peking University. Health sciences*. 2015;47(3):474-82.
396. Reid S. Non-vertical HIV transmission to children in sub-Saharan Africa. *International journal of STD & AIDS*. 2009;20(12):820-7.
397. Hamers RL, Smit PW, Stevens W, Schuurman R, Rinke de Wit TF. Dried fluid spots for HIV type-1 viral load and resistance genotyping: a systematic review. *Antiviral therapy*. 2009;14(5):619-29.
398. Nachega JB, Uthman OA, Anderson J, Peltzer K, Wampold S, Cotton MF, Mills EJ, Ho YS, Stringer JS, McIntyre JA, Mofenson LM. Adherence to antiretroviral therapy during and after pregnancy in low-income, middle-income, and high-income countries: a systematic review and meta-analysis. *AIDS (London, England)*. 2012;26(16):2039-52.
399. Prioreschi A, Munthali RJ, Soepnel L, Goldstein JA, Micklesfield LK, Aronoff DM, Norris SA. Incidence and prevalence of type 2 diabetes mellitus with HIV infection in Africa: a systematic review and meta-analysis. *BMJ open*. 2017;7(3):e013953.
400. Kent ST, Bromfield SG, Burkholder GA, Falzon L, Oparil S, Overton ET, Mugavero MJ, Schwartz JE, Shimbo D, Muntner P. Ambulatory Blood Pressure Monitoring in Individuals with HIV: A Systematic Review and Meta-Analysis. *PloS one*. 2016;11(2):e0148920.
401. Browne J.L., Schrier V.J., Peters S.A., Grobbee D.E., Klipstein-Grobusch K.. HIV, antiretroviral therapy and hypertensive disorders in pregnancy: A systematic review and meta-analysis. *Pregnancy Hypertension*. 2015;5(1):24.
402. Xu Y, Chen X, Wang K. Global prevalence of hypertension among people living with HIV: a systematic review and meta-analysis. *Journal of the American Society of Hypertension : JASH*. 2017;11(8):530-540.
403. Sani AS, Abraham C, Denford S, Ball S. School-based sexual health education interventions to prevent STI/HIV in sub-Saharan Africa: a systematic review and meta-analysis. *BMC public health*. 2016;16(1):1069.
404. Wang TT, Xu Y, Li ZZ, Chen LZ. [A meta-analysis of HIV seroprevalence in pregnant women with syphilis and the impact of syphilis infection on mother-to-child HIV transmission]. *Zhonghua yu fang yi xue za zhi [Chinese journal of preventive medicine]*. 2016;50(11):1001-1007.
405. Yang XY, Jiang JJ, Ye L, Tao RC, Cao CW, Zou YF, Wei SS, Zhong XN, Huang AL, Liang H. [Relationship between pre-exposure prophylaxis and HIV infection: a meta-analysis]. *Zhonghua yu fang yi xue za zhi [Chinese journal of preventive medicine]*. 2013;47(2):175-8.
406. Cooley PC, Myers LE, Hamill DN. A meta-analysis of estimates of the AIDS incubation distribution. *European journal of epidemiology*. 1996;12(3):229-35.
407. Sutcliffe CG, van Dijk JH, Bolton C, Persaud D, Moss WJ. Effectiveness of antiretroviral therapy among HIV-infected children in sub-Saharan Africa. *The Lancet infectious diseases*. 2008;8(8):477-89.

408. Wang ZD, Wang SC, Liu HH, Ma HY, Li ZY, Wei F, Zhu XQ, Liu Q. Prevalence and burden of *Toxoplasma gondii* infection in HIV-infected people: a systematic review and meta-analysis. *The lancet. HIV*. 2017;4(4):e177-e188.
409. Owen-Smith A, DePadilla L, DiClemente R. The Assessment of Complementary and Alternative Medicine Use Among Individuals with HIV: A Systematic Review and Recommendations for Future Research. *Journal of alternative and complementary medicine (New York, N.Y.)*. 2011;17(9):789-96.
410. Druyts E, Dybul M, Kanters S, Nachega J, Birungi J, Ford N, Thorlund K, Negin J, Lester R, Yaya S, Mills EJ. Male sex and the risk of mortality among individuals enrolled in antiretroviral therapy programs in Africa: a systematic review and meta-analysis. *AIDS (London, England)*. 2013;27(3):417-25.
411. Rhew DC, Bernal M, Aguilar D, Iloeje U, Goetz MB. Association between protease inhibitor use and increased cardiovascular risk in patients infected with human immunodeficiency virus: a systematic review. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2003;37(7):959-72.
412. Dodd PJ, Prendergast AJ, Beecroft C, Kampmann B, Seddon JA. The impact of HIV and antiretroviral therapy on TB risk in children: a systematic review and meta-analysis. *Thorax*. 2017;72(6):559-575.
413. Beres LK, Narasimhan M, Robinson J, Welbourn A, Kennedy CE. Non-specialist psychosocial support interventions for women living with HIV: A systematic review. *AIDS care*. 2017;29(9):1-9.
414. Tan DH, Murphy K, Shah P, Walmsley SL. Herpes simplex virus type 2 and HIV disease progression: a systematic review of observational studies. *BMC infectious diseases*. 2013;13(1):502.
415. Rego, Samuel Robson Moreira, Rego, Daianny Macedo de Sousa. Association between the usage of alcohol by HIV patients and the adherence to the antiretroviral drug treatment: a literature review. *J Bras Psiquiatr*. 2010;59(1):70-73.
416. Swallow E, Song J, Yuan Y, Kalsekar A, Kelley C, Peebles M, Mu F, Ackerman P, Signorovitch J. Daclatasvir and Sofosbuvir Versus Sofosbuvir and Ribavirin in Patients with Chronic Hepatitis C Coinfected with HIV: A Matching-adjusted Indirect Comparison. *Clinical therapeutics*. 2016;38(2):404-12.
417. Ciaranello AL, Chang Y, Margulis AV, Bernstein A, Bassett IV, Losina E, Walensky RP. Effectiveness of pediatric antiretroviral therapy in resource-limited settings: a systematic review and meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2009;49(12):1915-27.
418. Spies G, Asmal L, Seedat S. Cognitive-behavioural interventions for mood and anxiety disorders in HIV: a systematic review. *Journal of affective disorders*. 2013;150(2):171-80.
419. Gupta N, Asi N, Farah W, Almasri J, Moreno Barrionuevo P, Alsawas M, Wang Z, Haymond MW, Brown RJ, Murad MH. Clinical features and management of non-HIV related lipodystrophy in children: a systematic review. *The Journal of clinical endocrinology and metabolism*. 2016;102(2):jc20162271.
420. Kimmel AD, Martin EG, Galadima H, Bono RS, Tehrani AB, Cyrus JW, Henderson M, Freedberg KA, Krist AH. Clinical outcomes of HIV care delivery models in the US: a systematic review. *AIDS care*. 2016;28(10):1-12.

421. Tromp N, Michels C, Mikkelsen E, Hontelez J, Baltussen R. Equity in utilization of antiretroviral therapy for HIV-infected people in South Africa: a systematic review. *International journal for equity in health*. 2014;13(1):60.
422. Peltzer K, Pengpid S. Socioeconomic factors in adherence to HIV therapy in low- and middle-income countries. *Journal of health, population, and nutrition*. 2013;31(2):150-70.
423. Holmes CB, Losina E, Walensky RP, Yazdanpanah Y, Freedberg KA. Review of human immunodeficiency virus type 1-related opportunistic infections in sub-Saharan Africa. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2003;36(5):652-62.
424. Howe CJ, Siegel H, Dulin-Keita A. Neighborhood Environments and Sexual Risk Behaviors for HIV Infection Among U.S. Women: A Systematic Review. *AIDS and behavior*. 2017;
425. McGrath CJ, Diener L, Richardson BA, Peacock-Chambers E, John-Stewart GC. Growth reconstitution following antiretroviral therapy and nutritional supplementation: systematic review and meta-analysis. *AIDS (London, England)*. 2015;29(15):2009-23.
426. Sharma M, Ying R, Tarr G, Barnabas R. Systematic review and meta-analysis of community and facility-based HIV testing to address linkage to care gaps in sub-Saharan Africa. *Nature*. 2015;528(7580):S77-85.
427. Rosenberg NE, Hauser BM, Ryan J, Miller WC. The effect of HIV counselling and testing on HIV acquisition in sub-Saharan Africa: a systematic review. *Sexually transmitted infections*. 2016;92(8):579-586.
428. Torre D, Tambini R. Antiretroviral drug resistance testing in patients with HIV-1 infection: a meta-analysis study. *HIV clinical trials*. 2002;3(1):1-8.
429. Zhang W, Chaloner K, Tillmann HL, Williams CF, Stapleton JT. Effect of early and late GB virus C viraemia on survival of HIV-infected individuals: a meta-analysis. *HIV medicine*. 2006;7(3):173-80.
430. Oliveira Cobucci RN, Saconato H, Lima PH, Rodrigues HM, Prudêncio TL, Junior JE, Giraldo PC, Gonçalves AK. Comparative incidence of cancer in HIV-AIDS patients and transplant recipients. *Cancer epidemiology*. 2012;36(2):e69-73.
431. Wingood GM, DiClemente RJ. HIV sexual risk reduction interventions for women: a review. *American journal of preventive medicine*. 1996;12(3):209-17.
432. Lima IC, Galvão MT, Alexandre Hde O, Lima FE, Araújo TL. Information and communication technologies for adherence to antiretroviral treatment in adults with HIV/AIDS. *International journal of medical informatics*. 2016;92:54-61.
433. Devi BR, Syed-Abdul S, Kumar A, Iqbal U, Nguyen PA, Li YC, Jian WS. mHealth: An updated systematic review with a focus on HIV/AIDS and tuberculosis long term management using mobile phones. *Computer methods and programs in biomedicine*. 2015;122(2):257-65.
434. Carter GM, Indyk D, Johnson M, Andreae M, Suslov K, Busani S, Esmaeili A, Sacks HS. Micronutrients in HIV: a Bayesian meta-analysis. *PloS one*. 2015;10(4):e0120113.
435. Snedecor S.J.. Comparative efficacy of time to virologic suppression in treatment-naive HIV-1 patients: A network meta-analysis of longitudinal data. *Value in Health*. 2016;:A380-A381.
436. Diedrich CR, O'Hern J, Wilkinson RJ. HIV-1 and the Mycobacterium tuberculosis granuloma: A systematic review and meta-analysis. *Tuberculosis (Edinburgh, Scotland)*. 2016;98:62-76.
437. Ioannidis JP, Tatsioni A, Abrams EJ, Bulterys M, Coombs RW, Goedert JJ, Korber BT, Mayaux MJ, Mofenson LM, Moye J, Newell ML, Shapiro DE, Teglas JP, Thompson B, Wiener J. Maternal

- viral load and rate of disease progression among vertically HIV-1-infected children: an international meta-analysis. *AIDS (London, England)*. 2004;18(1):99-108.
438. Xiao P, Li J, Fu G, Zhou Y, Huan X, Yang H. Geographic Distribution and Temporal Trends of HIV-1 Subtypes through Heterosexual Transmission in China: A Systematic Review and Meta-Analysis. *International journal of environmental research and public health*. 2017;14(7).
439. Bagheri Amiri F, Mostafavi E, Mirzazadeh A. HIV, HBV and HCV Coinfection Prevalence in Iran - A Systematic Review and Meta-Analysis. *PloS one*. 2016;11(3):e0151946.
440. Suchindran S, Brouwer ES, Van Rie A. Is HIV infection a risk factor for multi-drug resistant tuberculosis? A systematic review. *PloS one*. 2009;4(5):e5561.
441. Nathaniel T., David W.. Health services for cardiometabolic diseases among people living with HIV/AIDS in low-and middle-income countries: A preliminary systematic review. *Cardiovascular Journal of Africa*. 2015;:34.
442. Chou R, Selph S, Dana T, Bougatsos C, Zakher B, Blazina I, Korthuis PT. Screening for HIV: Systematic Review to Update the 2005 U.S. Preventive Services Task Force Recommendation. *Annals of internal medicine*. 2012;157(10):706-18.
443. Patton LL, Shugars DA, Bonito AJ. A systematic review of complication risks for HIV-positive patients undergoing invasive dental procedures. *Journal of the American Dental Association (JADA)*. 2002;133(2):195-203.
444. Oramasionwu CU, Brown CM, Lawson KA, Ryan L, Frei CR. Evaluating HIV/AIDS disparities for blacks in the United States: a review of antiretroviral and mortality studies. *Journal of the National Medical Association*. 2009;101(12):1221-9.
445. Robinson R, Okpo E, Mngoma N. Interventions for improving employment outcomes for workers with HIV. *Cochrane Database of Systematic Reviews*. 2015;5(5):CD010090.
446. Naing C, Sandhu NK, Wai VN. The Effect of Malaria and HIV Co-Infection on Anemia: A Meta-Analysis. *Medicine*. 2016;95(14):e3205.
447. Uthman OA, Abdulmalik JO. Adjunctive therapies for AIDS dementia complex. *Cochrane database of systematic reviews (Online)*. 2008;(3):CD006496.
448. Thein HH, Yi Q, Dore GJ, Krahn MD. Natural history of hepatitis C virus infection in HIV-infected individuals and the impact of HIV in the era of highly active antiretroviral therapy: a meta-analysis. *AIDS (London, England)*. 2008;22(15):1979-91.
449. Millett GA, Flores SA, Marks G, Reed JB, Herbst JH. Circumcision status and risk of HIV and sexually transmitted infections among men who have sex with men: a meta-analysis. *JAMA : the journal of the American Medical Association*. 2008;300(14):1674-84.
450. Nachega J.B., Adetokunboh O., Uthman O.A., Knowlton A.W., Altice F.L., Schechter M., Galarraga O., Geng E., Peltzer K., Chang L.W., Van Cutsem G., Jaffar S.S., Ford N., Mellins C.A., Remien R.H., Mills E.J.. Community-Based Interventions to Improve and Sustain Antiretroviral Therapy Adherence, Retention in HIV Care and Clinical Outcomes in Low- and Middle-Income Countries for Achieving the UNAIDS 90-90-90 Targets. *Current HIV/AIDS Reports*. 2016;13(5):241-255.
451. Blank LJ, Rompalo AM, Erbeding EJ, Zenilman JM, Ghanem KG. Treatment of syphilis in HIV-infected subjects: a systematic review of the literature. *Sexually transmitted infections*. 2011;87(1):9-16.
452. Pasley MV, Martinez M, Hermes A, d'Amico R, Nilius A. Safety and efficacy of lopinavir/ritonavir during pregnancy: a systematic review. *AIDS reviews*. 2013;15(1):38-48.

453. Price H, Dunn D, Pillay D, Bani-Sadr F, de Vries-Sluijs T, Jain MK, Kuzushita N, Mauss S, Núñez M, Nüesch R, Peters M, Reiberger T, Stephan C, Tan L, Gilson R. Suppression of HBV by tenofovir in HBV/HIV coinfecting patients: a systematic review and meta-analysis. *PloS one*. 2013;8(7):e68152.
454. Millett GA, Peterson JL, Flores SA, Hart TA, Jeffries WL, Wilson PA, Rourke SB, Heilig CM, Elford J, Fenton KA, Remis RS. Comparisons of disparities and risks of HIV infection in black and other men who have sex with men in Canada, UK, and USA: a meta-analysis. *Lancet*. 2012;380(9839):341-8.
455. Browne JL, Schrier VJ, Grobbee DE, Peters SA, Klipstein-Grobusch K. HIV, Antiretroviral Therapy, and Hypertensive Disorders in Pregnancy: A Systematic Review and Meta-analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2015;70(1):91-98.
456. De P, Farley A, Lindson N, Aveyard P. Systematic review and meta-analysis: influence of smoking cessation on incidence of pneumonia in HIV. *BMC medicine*. 2013;11(1):15.
457. Crepaz N, Tungol-Ashmon MV, Higa DH, Vosburgh W, Mullins MM, Barham T, Adegbite A, DeLuca JB, Sipe TA, White CM, Baack BN, Lyles CM. A systematic review of interventions for reducing HIV risk behaviors among people living with HIV in the United States, 1988-2012. *AIDS (London, England)*. 2014;28(5):633-56.
458. Costa, A S R G, Pessoa, I F V, Lopes, S P O, Melo, R C C P. What are the factors that affect HIV-positive patient adherence to therapeutic regimen: systematic review of the literature [Portuguese]. *Nursing: Revista de Formacao Continua em Enfermagem*. 2012;24(281):18-24.
459. Rachlis BS, Mills EJ, Cole DC. Livelihood security and adherence to antiretroviral therapy in low and middle income settings: a systematic review. *PloS one*. 2011;6(5):e18948.
460. International Perinatal HIV Group. Duration of ruptured membranes and vertical transmission of HIV-1: a meta-analysis from 15 prospective cohort studies. *AIDS (London, England)*. 2001;15(3):357-68.
461. Martí-Carvajal, Arturo J, Cardona, Andrés Felipe, Lawrence, Able. Interventions for previously untreated patients with AIDS-associated Non-Hodgkin's Lymphoma. *Cochrane Database of Systematic Reviews*. 2009;(3):CD005419.
462. Li EH, Foisy MM. Antiretroviral and Medication Errors in Hospitalized HIV-Positive Patients. *The Annals of pharmacotherapy*. 2014;48(8):998-1010.
463. Suthar AB, Granich R, Mermin J, Van Rie A. Effect of cotrimoxazole on mortality in HIV-infected adults on antiretroviral therapy: a systematic review and meta-analysis. *Bulletin of the World Health Organization*. 2012;90(2):128C-138C.
464. Ndongoti C, Dabis F, Namale L, Becquet R, Ekouevi D, Bosse-Amani C, Arrivé E, Leroy V. [Survival, clinical and biological outcomes of HIV-infected children treated by antiretroviral therapy in Africa: systematic review, 2004-2009]. *Presse médicale (Paris, France : 1983)*. 2011;40(7-8):e338-57.
465. Pant Pai N, Shivkumar S, Cajas JM. Does genetic diversity of HIV-1 non-B subtypes differentially impact disease progression in treatment-naive HIV-1-infected individuals? A systematic review of evidence: 1996-2010. *Journal of acquired immune deficiency syndromes (1999)*. 2012;59(4):382-8.
466. Fink DL, Hedley L, Miller RF. Systematic review of the efficacy and safety of biological therapy for inflammatory conditions in HIV-infected individuals. *International journal of STD & AIDS*. 2016;28(2):110-119.

467. Wertheimer BZ, Freedberg KA, Walensky RP, Yazdanapah Y, Losina E. Therapeutic drug monitoring in HIV treatment: a literature review. *HIV clinical trials*. 2006;7(2):59-69.
468. Zipursky AR, Gogolishvili D, Rueda S, Brunetta J, Carvalhal A, McCombe JA, Gill MJ, Rachlis A, Rosenes R, Arbess G, Marcotte T, Rourke SB. Evaluation of brief screening tools for neurocognitive impairment in HIV/AIDS: a systematic review of the literature. *AIDS (London, England)*. 2013;27(15):2385-401.
469. Pezeshki, Alex, Mamalis, Christina, Disabato, Anne. A systematic literature review of the institutionalization of children living with HIV. *Horiz. enferm*. 2012;23(1):75-79.
470. O'Brien K, Tynan AM, Nixon S, Glazier RH. Effects of progressive resistive exercise in adults living with HIV/AIDS: systematic review and meta-analysis of randomized trials. *AIDS care*. 2008;20(6):631-53.
471. Plazy M, Orne-Gliemann J, Dabis F, Dray-Spira R. Retention in care prior to antiretroviral treatment eligibility in sub-Saharan Africa: a systematic review of the literature. *BMJ open*. 2015;5(6):e006927.
472. Simeone CA, Seal SM, Savage C. Implementing HIV Testing in Substance Use Treatment Programs: A Systematic Review. *The Journal of the Association of Nurses in AIDS Care : JANAC*. 2015;28(2):199-215.
473. Beard, Jennifer, Feeley, Frank, Rosen, Sydney. Non-clinical outcomes of antiretroviral therapy for HIV/AIDS in developing countries: a systematic literature review. *AIDS Care*. 2010;21(11):1343-1356.
474. Phillips TJC, Cherry CL, Cox S, Marshall SJ, Rice AS. Pharmacological treatment of painful HIV-associated sensory neuropathy: a systematic review and meta-analysis of randomised controlled trials. *PloS one*. 2010;5(12):e14433.
475. Govindasamy D, Meghij J, Kebede Negussi E, Clare Baggaley R, Ford N, Kranzer K. Interventions to improve or facilitate linkage to or retention in pre-ART (HIV) care and initiation of ART in low- and middle-income settings - a systematic review. *Journal of the International AIDS Society*. 2014;17(1):19032.
476. Muki S Shey, Eugene J Kongnyuy, Samuel M Alobwede, Charles Shey Wiysonge. Co-formulated abacavir-lamivudine-zidovudine for initial treatment of HIV infection and AIDS. *Cochrane Database of Systematic Reviews*. 2013;3(3):CD005481.
477. Hill MD, Lorenzo E, Kumar A. Changes in the human immunodeficiency virus V3 region that correspond with disease progression: a meta-analysis. *Virus research*. 2004;106(1):27-33.
478. Rueda S, Park-Wyllie LY, Bayoumi AM, Tynan AM, Antoniou TA, Rourke SB, Glazier RH. Patient support and education for promoting adherence to highly active antiretroviral therapy for HIV/AIDS. *Cochrane database of systematic reviews (Online)*. 2006;3(3):CD001442.
479. Hughes, Elizabeth, Bassi, Shaan, Gilbody, Simon, Bland, Martin, Martin, Fabiola. Prevalence of HIV, hepatitis B, and hepatitis C in people with severe mental illness: a systematic review and meta-analysis: Correction. *The Lancet Psychiatry*. 2016;3(1).
480. Sun D, Wu Y, Yuan Y, Wang Y, Liu W, Yang J. Is the atherosclerotic process accentuated under conditions of HIV infection, antiretroviral therapy, and protease inhibitor exposure? Meta-analysis of the markers of arterial structure and function. *Atherosclerosis*. 2015;242(1):109-16.

481. Jesson J, Dahourou DL, Renaud F, Penazzato M, Leroy V. Adverse events associated with abacavir use in HIV-infected children and adolescents: a systematic review and meta-analysis. *The lancet. HIV*. 2016;3(2):e64-75.
482. Verhey R, Chibanda D, Brakarsh J, Seedat S. Psychological Interventions for Posttraumatic Stress Disorder in People Living with HIV in Resource Poor Settings: A Systematic Review. *Tropical medicine & international health : TM & IH*. 2016;21(10):1198-1208.
483. Raboud JM, Diong C, Carr A, Grinspoon S, Mulligan K, Sutinen J, Rozenbaum W, Cavalcanti RB, Wand H, Costagliola D, Walmsley S. A meta-analysis of six placebo-controlled trials of thiazolidinedione therapy for HIV lipodystrophy. *HIV clinical trials*. 2010;11(1):39-50.
484. Naomi Bulteel and Peggy Henderson. What are the risks of formula feeding in children of HIV-infected mothers?. *International Initiative for Impact Evaluation (3ie)*. 2007;
485. Weihs M, Meyer-Weitz A. Barriers to workplace HIV testing in South Africa: a systematic review of the literature. *AIDS care*. 2015;28(4):1-5.
486. Young I, McDaid L. How acceptable are antiretrovirals for the prevention of sexually transmitted HIV?: A review of research on the acceptability of oral pre-exposure prophylaxis and treatment as prevention. *AIDS and behavior*. 2013;18(2):195-216.
487. Gaston GB, Gutierrez SM, Nisanci A. Interventions that retain African Americans in HIV/AIDS treatment: implications for social work practice and research. *Social work*. 2015;60(1):35-42.
488. Brocklehurst P. Interventions for reducing the risk of mother-to-child transmission of HIV infection. *Cochrane database of systematic reviews (Online)*. 2002;(1):CD000102.
489. Craig AP, Thein HH, Zhang L, Gray RT, Henderson K, Wilson D, Gorgens M, Wilson DP. Spending of HIV resources in Asia and Eastern Europe: systematic review reveals the need to shift funding allocations towards priority populations. *Journal of the International AIDS Society*. 2014;17(no pagination):18822.
490. Riley KE, Kalichman S. Mindfulness-based stress reduction for people living with HIV/AIDS: preliminary review of intervention trial methodologies and findings. *Health psychology review*. 2015;9(2):224-43.
491. Kowalski J, Tu XM, Jia G, Pagano M. A comparative meta-analysis on the variability in test performance among FDA-licensed enzyme immunosorbent assays for HIV antibody testing. *Journal of clinical epidemiology*. 2001;54(5):448-61.
492. Bellido S.J.C., Cua I.H.Y.. A meta-analysis on the efficacy of tenofovir in the treatment of hepatitis B in HIV co-infected patients. *United European Gastroenterology Journal*. 2013;:A301-A302.
493. Wei, Chongyi, Herrick, Amy, Raymond, H Fisher, Anglemyer, Andrew, Gerbase, Antonio, Noar, Seth M. Social marketing interventions to increase HIV/STI testing uptake among men who have sex with men and male-to-female transgender women. *Cochrane Database of Systematic Reviews*. 2011;9(9):CD009337.
494. Anglemyer A., Rutherford G., Baggaley R., Egger M., Siegfried N.. Antiretroviral therapy for prevention of HIV transmission in HIV-discordant couples: A systematic review of the observational literature. *Journal of the International AIDS Society*. 2012;:145-146.
495. Penazzato M, Prendergast AJ, Muhe LM, Tindyebwa D, Abrams E. Optimisation of antiretroviral therapy in HIV-infected children under 3 years of age. *Cochrane Database of Systematic Reviews*. 2014;5(5):CD004772.

496. Liu JP, Manheimer E, Yang M. Herbal medicines for treating HIV infection and AIDS. *Cochrane database of systematic reviews (Online)*. 2005;(3):CD003937.
497. Tao J, Vermund SH, Qian HZ. Association Between Depression and Antiretroviral Therapy Use Among People Living with HIV: A Meta-analysis. *AIDS and behavior*. 2017;
498. Thota P., Pasupuleti V., Pellegrino D., Benites-Zapata V.A., Deshpande A., Vidal J.E., Hernandez A.V.. A systematic review and meta-analysis of the relative efficacy and safety of treatment regimens for hiv-associated cerebral toxoplasmosis. *Journal of Investigative Medicine*. 2016;:952-953.
499. Weissman, Jessica, Kanamori, Mariano, Dévieux, Jessy G., Trepka, Mary Jo, De La Rosa, Mario. HIV Risk Reduction Interventions Among Substance-Abusing Reproductive-Age Women: A Systematic Review. *AIDS Education & Prevention*. 2017;29(2):121-140.
500. Shivakoti R, Sharma D, Mamoon G, Pham K. Association of HIV infection with extrapulmonary tuberculosis: a systematic review. *Infection*. 2016;45(1):11-21.
501. Yacoub R, Nadkarni GN, Weikum D, Konstantinidis I, Boueilh A, Grant RM, Mugwanya KK, Baeten JM, Wyatt CM. Elevations in Serum Creatinine With Tenofovir-Based HIV Pre-Exposure Prophylaxis: A Meta-Analysis of Randomized Placebo-Controlled Trials. *Journal of acquired immune deficiency syndromes (1999)*. 2016;71(4):e115-8.
502. Ludema C, Cole SR, Poole C, Chu H, Eron JJ. Meta-analysis of randomized trials on the association of prophylactic acyclovir and HIV-1 viral load in individuals coinfecting with herpes simplex virus-2. *AIDS (London, England)*. 2011;25(10):1265-9.
503. Wamoyi J, Stobeanu K, Bobrova N, Abramsky T, Watts C. Transactional sex and risk for HIV infection in sub-Saharan Africa: a systematic review and meta-analysis. *Journal of the International AIDS Society*. 2016;19(1):20992.
504. Ribaud HJ, Benson CA, Zheng Y, Koletar SL, Collier AC, Lok JJ, Smurzynski M, Bosch RJ, Bastow B, Schouten JT, ACTG A5001/ALLRT Protocol Team. No risk of myocardial infarction associated with initial antiretroviral treatment containing abacavir: short and long-term results from ACTG A5001/ALLRT. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2011;52(7):929-40.
505. Magnussen L, Ehiri JE, Ejere HO, Jolly PE. Interventions to prevent HIV/AIDS among adolescents in less developed countries: are they effective?. *International journal of adolescent medicine and health*. 2004;16(4):303-23.
506. Evers S, Brilla R, Husstedt I. Headache and human immunodeficiency virus infection -- a systematic review. *Headache Quarterly, Current Treatment & Research*. 1998;9(2):129-133.
507. Weller S, Davis K. Condom effectiveness in reducing heterosexual HIV transmission. *Cochrane database of systematic reviews (Online)*. 2002;(1):CD003255.
508. Leone S, Nicastri E, Giglio S, Narciso P, Ippolito G, Acone N. Immune reconstitution inflammatory syndrome associated with Mycobacterium tuberculosis infection: a systematic review. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2010;14(4):e283-91.
509. Rutherford GW, Anglemyer A, Easterbrook PJ, Horvath T, Vitoria M, Penazzato M, Doherty MC. Predicting treatment failure in adults and children on antiretroviral therapy: a systematic review of the performance characteristics of the 2010 WHO immunologic and clinical criteria for virologic failure. *AIDS (London, England)*. 2014;28 Suppl 2(SUPPL. 2):S161-9.

510. Menon S, Wusiman A, Boily MC, Kariisa M, Mabeya H, Luchters S, Forland F, Rossi R, Callens S, Vanden Broeck D. Epidemiology of HPV Genotypes among HIV Positive Women in Kenya: A Systematic Review and Meta-Analysis. *PloS one*. 2016;11(10):e0163965.
511. Hurley SF, Jolley DJ, Kaldor JM. Effectiveness of needle-exchange programmes for prevention of HIV infection. *Lancet*. 1997;349(9068):1797-800.
512. Legido-Quigley H, Montgomery CM, Khan P, Atun R, Fakoya A, Getahun H, Grant AD. Integrating tuberculosis and HIV services in low- and middle-income countries: a systematic review. *Tropical medicine & international health : TM & IH*. 2012;18(2):199-211.
513. Spaulding A, Rutherford GW, Siegfried N. Tenofovir or zidovudine in three-drug combination therapy with one nucleoside reverse transcriptase inhibitor and one non-nucleoside reverse transcriptase inhibitor for initial treatment of HIV infection in antiretroviral-naïve individuals. *Cochrane database of systematic reviews (Online)*. 2010;(10):CD008740.
514. Chou R, Cantor AG, Zakher B, Bougatsos C. Screening for HIV in Pregnant Women: Systematic Review to Update the 2005 U.S. Preventive Services Task Force Recommendation. *Annals of internal medicine*. 2012;157(10):719-28.
515. Milaszewski D, Greto E, Klochkov T, Fuller-Thomson E. A Systematic Review of Education for the Prevention of HIV/AIDS among Older Adults. *Journal of evidence-based social work*. 2012;9(3):213-30.
516. Brennan A, Browne JP, Horgan M. A systematic review of health service interventions to improve linkage with or retention in HIV care. *AIDS care*. 2013;26(7):804-12.
517. Finitsis, David J., Pellowski, Jennifer A., Huedo-Medina, Tania B., Fox, Matthew C., Kalichman, Seth C.. Visual analogue scale (vas) measurement of antiretroviral adherence in people living with hiv (plwh): A meta-analysis. *Journal of Behavioral Medicine*. 2016;39(6):1043-1055.
518. Fox MP, Rosen S. Patient retention in antiretroviral therapy programs up to three years on treatment in sub-Saharan Africa, 2007-2009: systematic review. *Tropical medicine & international health : TM & IH*. 2010;15 Suppl 1(SUPPL. 1):1-15.
519. Haldane V, Legido-Quigley H, Chuah FLH, Sigfrid L, Murphy G, Ong SE, Cervero-Liceras F, Watt N, Balabanova D, Hogarth S, Maimaris W, Buse K, McKee M, Piot P, Perel P. Integrating cardiovascular diseases, hypertension, and diabetes with HIV services: a systematic review. *AIDS care*. 2017;;1-13.
520. Liesl Grobler, Nandi Siegfried, Marianne E Visser, Sarah SN Mahlangu, Jimmy Volmink. Nutritional interventions for reducing morbidity and mortality in people with HIV. *Cochrane Database of Systematic Reviews*. 2013;2(2):CD004536.
521. Chow EP, Wilson DP, Zhang J, Jing J, Zhang L. Human immunodeficiency virus prevalence is increasing among men who have sex with men in China: findings from a review and meta-analysis. *Sexually transmitted diseases*. 2011;38(9):845-57.
522. Timba-Emmanuel T, Kroll T, Renfrew MJ, MacGillivray S. Understanding the experiences of married Southern African women in protecting themselves from HIV/AIDS: a systematic review and meta-synthesis. *Ethnicity & health*. 2017;;1-22.
523. Rizzoli-Cordoba A., Delgado-Ginebra I.. Efficacy and safety of the combination efavirenz (EFV), tenofovir (TDF) and emtricitabine (FTC) once a day in treatment of naive adult patients with HIV-1 infection: A systematic review. *Value in Health*. 2011;;A114.
524. Creese A, Floyd K, Alban A, Guinness L. Cost-effectiveness of HIV/AIDS interventions in Africa: a systematic review of the evidence. *Lancet*. 2002;359(9318):1635-43.

525. Arenas-Pinto A, Grant AD, Edwards S, Weller IV. Lactic acidosis in HIV infected patients: a systematic review of published cases. *Sexually transmitted infections*. 2003;79(4):340-3.
526. Cao Y, Meng XY, Weng H, Peng MJ, Yan H, Li SY. [Prevalence of AIDS-related sexual behaviors and HIV infection status in young men who have sex with men in China: a Meta-analysis]. *Zhonghua liu xing bing xue za zhi = Zhonghua liuxingbingxue zazhi*. 2016;37(7):1021-7.
527. Maina G, Mill J, Chaw-Kant J, Caine V. A systematic review of best practices in HIV care. *Journal of HIV/AIDS & social services*. 2016;15(1):114-126.
528. van Luenen S, Garnefski N, Spinhoven P, Spaan P, Dusseldorp E, Kraaij V. The Benefits of Psychosocial Interventions for Mental Health in People Living with HIV: A Systematic Review and Meta-analysis. *AIDS and behavior*. 2017;
529. Brandt R. The mental health of people living with HIV/AIDS in Africa: a systematic review. *African journal of AIDS research : AJAR*. 2009;8(2):123-33.
530. Ewald H, Raatz H, Boscacci R, Furrer H, Bucher HC, Briel M. Adjunctive corticosteroids for *Pneumocystis jiroveci* pneumonia in patients with HIV infection. *Cochrane Database of Systematic Reviews*. 2015;4(4):CD006150.
531. Jordan R, Gold L, Cummins C, Hyde C. Systematic review and meta-analysis of evidence for increasing numbers of drugs in antiretroviral combination therapy. *BMJ (Clinical research ed.)*. 2002;324(7340):757.
532. . Zidovudine, didanosine, and zalcitabine in the treatment of HIV infection: meta-analyses of the randomised evidence. HIV Trialists' Collaborative Group. *Lancet*. 1999;353(9169):2014-25.
533. Leeman J, Chang YK, Lee EJ, Voils CI, Crandell J, Sandelowski M. Implementation of antiretroviral therapy adherence interventions: a realist synthesis of evidence. *Journal of advanced nursing*. 2010;66(9):1915-30.
534. Kalichman, Seth C., Carey, Michael P., Johnson, Blair T.. Prevention of sexually transmitted HIV infection: A meta-analytic review of the behavioral outcome literature. *Annals of Behavioral Medicine*. 1996;18(1).
535. Hill S, Kavookjian J. Motivational interviewing as a behavioral intervention to increase HAART adherence in patients who are HIV-positive: A systematic review of the literature. *AIDS care*. 2012;24(5):583-92.
536. Nattabi B, Li J, Thompson SC, Orach CG, Earnest J. A systematic review of factors influencing fertility desires and intentions among people living with HIV/AIDS: implications for policy and service delivery. *AIDS and behavior*. 2009;13(5):949-68.
537. Amariles P, Giraldo NA, Faus MJ. [Approach to evaluating the clinical relevance of drug interactions in HIV-infected patients]. *Farmacia hospitalaria : órgano oficial de expresión científica de la Sociedad Española de Farmacia Hospitalaria*. 2007;31(5):283-302.
538. Read JS, Newell MK. Efficacy and safety of cesarean delivery for prevention of mother-to-child transmission of HIV-1. *Cochrane database of systematic reviews (Online)*. 2005;(4):CD005479.
539. Tinmouth J, Kandel G, Tomlinson G, Walmsley S, Steinhart HA, Glazier R. Systematic review of strategies to measure HIV-related diarrhea. *HIV clinical trials*. 2007;8(3):155-63.
540. Lewis NM, Wilson K. HIV risk behaviours among immigrant and ethnic minority gay and bisexual men in North America and Europe: A systematic review. *Social science & medicine (1982)*. 2017;179:115-128.
541. Mirzazadeh A, Biggs MA, Viitanen A, Horvath H, Wang LY, Dunville R, Barrios LC, Kahn JG, Marseille E. Do School-Based Programs Prevent HIV and Other Sexually Transmitted Infections

- in Adolescents? A Systematic Review and Meta-analysis. *Prevention science : the official journal of the Society for Prevention Research*. 2017;
542. Chen TY, Ding EL, Seage Iii GR, Kim AY. Meta-analysis: increased mortality associated with hepatitis C in HIV-infected persons is unrelated to HIV disease progression. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2009;49(10):1605-15.
 543. Mary Lou Lindegren, Caitlin E Kennedy, Deborah Bain-Brickley, Hana Azman, Andreea A Creanga, Lisa M Butler, Alicen B Spaulding, Tara Horvath, Gail E Kennedy. Integration of HIV/AIDS services with maternal, neonatal and child health, nutrition, and family planning services. *Cochrane Database of Systematic Reviews*. 2012;9(9):CD010119.
 544. Darak S, Panditrao M, Parchure R, Kulkarni V, Kulkarni S, Janssen F. Systematic review of public health research on prevention of mother-to-child transmission of HIV in India with focus on provision and utilization of cascade of PMTCT services. *BMC public health*. 2012;12:320.
 545. Pichenot M, Deuffic-Burban S, Cuzin L, Yazdanpanah Y. Efficacy of new antiretroviral drugs in treatment-experienced HIV-infected patients: a systematic review and meta-analysis of recent randomized controlled trials. *HIV medicine*. 2012;13(3):148-55.
 546. Joska JA, Gouse H, Paul RH, Stein DJ, Flisher AJ. Does highly active antiretroviral therapy improve neurocognitive function? A systematic review. *Journal of neurovirology*. 2010;16(2):101-14.
 547. Araya, Alejandra X, Lira, M. Jesús, Rubio, Miriam, Vega, Paula, Urrutia, M. Teresa, Carrasco, Paola, Bravo, Paulina. Facilitators and barriers to HIV testing: A literature review. *Rev Chilena Infectol*. 2013;30(6):638-643.
 548. McIntosh RC. A meta-analysis of HIV and heart rate variability in the era of antiretroviral therapy. *Clinical autonomic research : official journal of the Clinical Autonomic Research Society*. 2016;26(4):287-94.
 549. Evangeli M, Ferris K, Kenney NM, Baker LLE, Jones B, Wroe AL. A systematic review of psychological correlates of HIV testing intention. *AIDS care*. 2017;;1-10.
 550. Vancampfort D, Mugisha J, Rosenbaum S, Firth J, De Hert M, Probst M, Stubbs B. Cardiorespiratory fitness levels and moderators in people with HIV: A systematic review and meta-analysis. *Preventive medicine*. 2016;93:106-114.
 551. Cobucci RN, Lima PH, de Souza PC, Costa VV, Cornetta MD, Fernandes JV, Gonçalves AK. Assessing the impact of HAART on the incidence of defining and non-defining AIDS cancers among patients with HIV/AIDS: A systematic review. *Journal of infection and public health*. 2014;8(1):1-10.
 552. Mushi MF, Bader O, Taverne-Ghadwal L, Bii C, Groß U, Mshana SE. Oral candidiasis among African human immunodeficiency virus-infected individuals: 10 years of systematic review and meta-analysis from sub-Saharan Africa. *Journal of oral microbiology*. 2017;9(1):1317579.
 553. Nduka CU, Uthman OA, Kimani PK, Stranges S. Body Fat Changes in People Living with HIV on Antiretroviral Therapy. *AIDS reviews*. 2016;18(4):198-211.
 554. Nalubega S, Evans C. Participant views and experiences of participating in HIV research in sub-Saharan Africa: a qualitative systematic review. *Journal of Clinical Pharmacy and Therapeutics*. 2015;40(5):533-542.
 555. Huang Q, Li Q, Li Y, Zeng G, Cui X, Yan P, Lyu F, Luan R. [Prevalence of HIV infection and syphilis, sexual behaviors and awareness of HIV/AIDS related knowledge among men who have sex

- with men in China: a Meta-analysis of data collected from 2010 to 2013]. *Zhonghua liu xing bing xue za zhi = Zhonghua liuxingbingxue zazhi*. 2015;36(11):1297-304.
556. Freitas, Alexandre Magnus Mourao e. Vitamin D status and its relationship with cardiovascular diseases in patients with HIV/AIDS in treatment with antiretroviral a systematic review. 2015;:159-159.
557. Woodward EN, Banks RJ, Marks AK, Pantalone DW. Identifying Resilience Resources for HIV Prevention Among Sexual Minority Men: A Systematic Review. *AIDS and behavior*. 2016;21(10):2860-2873.
558. Bushra AW, Zeynudin A, Dejene T, Wolde M, Sudhakar M. Risk factors for tuberculosis after highly active antiretroviral treatment (HAART) initiation among HIV patients: A systematic review. *JBI library of systematic reviews*. 2012;10(55):3561-3595.
559. Maurice JB, Patel A, Scott AJ, Patel K, Thursz M, Lemoine M. Prevalence and risk factors of non-alcoholic fatty liver disease in HIV-monoinfection: a systematic review and meta-analysis. *AIDS (London, England)*. 2017;31(11):1621-1632.
560. Toska E, Pantelic M, Meinck F, Keck K, Haghghat R, Cluver L. Sex in the shadow of HIV: A systematic review of prevalence, risk factors, and interventions to reduce sexual risk-taking among HIV-positive adolescents and youth in sub-Saharan Africa. *PloS one*. 2017;12(6):e0178106.
561. Schafer JJ, Short WR. Rilpivirine, a novel non-nucleoside reverse transcriptase inhibitor for the management of HIV-1 infection: a systematic review. *Antiviral therapy*. 2012;17(8):1495-502.
562. Callaghan M, Ford N, Schneider H. A systematic review of task- shifting for HIV treatment and care in Africa. *Human resources for health*. 2010;8:8.
563. Shah, Maunank, Hanrahan, Colleen, Wang, Zhuo Yu, Dendukuri, Nandini, Lawn, Stephen D, Denkinger, Claudia M, Steingart, Karen R. Lateral flow urine lipoarabinomannan assay for detecting active tuberculosis in HIV-positive adults. *Cochrane Database of Systematic Reviews*. 2016;(5):CD011420.
564. Read J.S.. The mode of delivery and the risk of vertical transmission of human immunodeficiency virus type 1--a meta-analysis of 15 prospective cohort studies. *The International Perinatal HIV Group. The New England journal of medicine*. 1999;340(13):977-87.
565. Almeida, Luara Bellinghausen, Giudici, Kelly Virecoulon, Jaime, Patricia Constante. Dietary intake and dyslipidemia arising from combination antiretroviral therapy for HIV infection: a systematic review. *Arq Bras Endocrinol Metabol*. 2009;53(5):519 - 527.
566. Vidal JS, Silva MT, Sanchez MN. Rifapentine for latent tuberculosis infection treatment in the general population and human immunodeficiency virus-positive patients: summary of evidence. *Revista da Sociedade Brasileira de Medicina Tropical*. 2015;48(5):507-13.
567. Wiysonge, Charles S, Ndze, Valantine N, Kongnyuy, Eugene J, Shey, Muki S. Vitamin A supplements for reducing mother-to-child HIV transmission. *Cochrane Database of Systematic Reviews*. 2017;9:CD003648.
568. Wilson M.G., Aidala A., Gogolishvili D., Shubert V., Rueda S., Bozack A., Chambers L.A., Caban M., Rourke S.B.. Housing status and the health of people living with HIV/AIDS: A systematic review. *Canadian Journal of Infectious Diseases and Medical Microbiology*. 2012;:40A-41A.

569. Ghisla V, Scherrer AU, Nicca D, Braun DL, Fehr JS. Incidence of hepatitis C in HIV positive and negative men who have sex with men 2000-2016: a systematic review and meta-analysis. *Infection*. 2016;45(3):1-13.
570. Eduardo, Eduard. Programmatic and individual-level factors associated with cd4 cell count at haart initiation and survival among treatment-naive patients initiating haart in sub-saharan africa. *Dissertation Abstracts International: Section B: The Sciences and Engineering*. 2015;76(3-B(E)).
571. Anderson JE, Kanters S. Lack of Sexual Minorities' Rights as a Barrier to HIV Prevention Among Men Who Have Sex with Men and Transgender Women in Asia: A Systematic Review. *LGBT health*. 2015;2(1):16-26.
572. Kawalec P, Kryst J, Mikrut A, Pilc A. Nevirapine-based regimens in HIV-infected antiretroviral-naive patients: systematic review and meta-analysis of randomized controlled trials. *PloS one*. 2013;8(10):e76587.
573. Cooper B, Toskin I, Kulier R, Allen T, Hawkes S. Brief sexuality communication--a behavioural intervention to advance sexually transmitted infection/HIV prevention: a systematic review. *BJOG : an international journal of obstetrics and gynaecology*. 2014;121 Suppl 5(s5):92-103.
574. Muldoon KA. A systematic review of the clinical and social epidemiological research among sex workers in Uganda. *BMC public health*. 2015;15(1):1226.
575. Seña AC, Zhang XH, Li T, Zheng HP, Yang B, Yang LG, Salazar JC, Cohen MS, Moody MA, Radolf JD, Tucker JD. A systematic review of syphilis serological treatment outcomes in HIV-infected and HIV-uninfected persons: rethinking the significance of serological non-responsiveness and the serofast state after therapy. *BMC infectious diseases*. 2015;15(1):479.
576. Martinello M, Amin J, Matthews GV, Dore GJ. Prevalence and Disease Burden of HCV Coinfection in HIV Cohorts in the Asia Pacific Region: A Systematic Review and Meta-Analysis. *AIDS reviews*. 2016;18(2):68-80.
577. Nachege JB, Parienti JJ, Uthman OA, Gross R, Dowdy DW, Sax PE, Gallant JE, Mugavero MJ, Mills EJ, Giordano TP. Lower pill burden and once-daily antiretroviral treatment regimens for HIV infection: A meta-analysis of randomized controlled trials. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2014;58(9):1297-307.
578. Chigwedere P, Seage GR, Lee TH, Essex M. Efficacy of antiretroviral drugs in reducing mother-to-child transmission of HIV in Africa: a meta-analysis of published clinical trials. *AIDS research and human retroviruses*. 2008;24(6):827-37.
579. Gonzalez, Jeffrey S., Batchelder, Abigail W., Psaros, Christina, Safren, Steven A.. Depression and HIV/AIDS treatment nonadherence: A review and meta-analysis. *JAIDS Journal of Acquired Immune Deficiency Syndromes*. 2011;58(2).
580. Vancampfort D, Mugisha J, De Hert M, Probst M, Stubbs B. Sedentary Behaviour in People Living With HIV: A Systematic Review and Meta-Analysis. *Journal of physical activity & health*. 2017;14(7):1-20.
581. Jordan AE, Perlman DC, Neurer J, Smith DJ, Des Jarlais DC, Hagan H. Prevalence of hepatitis C virus infection among HIV+ men who have sex with men: a systematic review and meta-analysis. *International journal of STD & AIDS*. 2016;28(2):145-159.
582. Rohner E, Wyss N, Heg Z, Faralli Z, Mbulaiteye SM, Novak U, Zwahlen M, Egger M, Bohlius J. HIV and human herpesvirus 8 co-infection across the globe: Systematic review and meta-analysis. *International journal of cancer. Journal international du cancer*. 2016;138(1):45-54.

583. Maiese E.M., Al-Dakkak I., McCann E., Patel S., Gadkari A., Prajapati G.. The impact of hiv treatment-related adverse events on adherence to antiretroviral therapy: A systematic review and meta-analysis. *Value in Health*. 2012;:A245.
584. Huang X, Xu Y, Yang Q, Chen J, Zhang T, Li Z, Guo C, Chen H, Wu H, Li N. Efficacy and biological safety of lopinavir/ritonavir based anti-retroviral therapy in HIV-1-infected patients: a meta-analysis of randomized controlled trials. *Scientific reports*. 2015;5:8528.
585. Uthman OA, Okwundu C, Gbenga K, Volmink J, Dowdy D, Zumla A, Nachega JB. Optimal Timing of Antiretroviral Therapy Initiation for HIV-Infected Adults With Newly Diagnosed Pulmonary Tuberculosis: A Systematic Review and Meta-analysis. *Annals of internal medicine*. 2015;163(1):32-39.
586. Klein SK, Slim EJ, de Kruif MD, Keller TT, ten Cate H, van Gorp EC, Brandjes DP. Is chronic HIV infection associated with venous thrombotic disease? A systematic review. *The Netherlands journal of medicine*. 2005;63(4):129-36.
587. Taggart T, Grewe ME, Conserve DF, Gliwa C, Roman Isler M. Social Media and HIV: A Systematic Review of Uses of Social Media in HIV Communication. *Journal of medical Internet research*. 2015;17(11):e248.
588. Carr A, Amin J. Efficacy and tolerability of initial antiretroviral therapy: a systematic review. *AIDS (London, England)*. 2009;23(3):343-53; discussion 355-6.
589. Mdege ND, Chindove S, Ali S. The effectiveness and cost implications of task-shifting in the delivery of antiretroviral therapy to HIV-infected patients: a systematic review. *Health policy and planning*. 2012;28(3):223-36.
590. Martin F, Bower M. Anal intraepithelial neoplasia in HIV positive people. *Sexually transmitted infections*. 2001;77(5):327-31.
591. Hatchera, Abigail M., Smoutc, Elizabeth M., Turand, Janet M., Christofidesb, Nicola, Stöcklc, Heidi. Intimate partner violence and engagement in HIV care and treatment among women: A systematic review and meta-analysis. *AIDS*. 2015;29(16).
592. Lazzarotto, Alexandre Ramos, Sprinz, Eduardo, Deresz, Luís Fernando. HIV/Aids and Concurrent Training: Systematic Review. *Rev. bras. med. esporte*. 2010;16(2):149-154.
593. Uthman OA, Nachega JB, Anderson J, Kanters S, Mills EJ, Renaud F, Essajee S, Doherty MC, Mofenson LM. Timing of initiation of antiretroviral therapy and adverse pregnancy outcomes: a systematic review and meta-analysis. *The lancet. HIV*. 2016;4(1):e21-e30.
594. Penazzato M, Prendergast AJ, Muhe LM, Tindyebwa D, Abrams EJ. Optimization of antiretroviral therapy in HIV-infected children under 3 years of age: a systematic review. *AIDS (London, England)*. 2014;28 Suppl 2(SUPPL. 2):S137-46.
595. Manthravadi S., Shah R., Paleti S., Sheshadri M.. Impact of HIV infection on survival in patients with hepatocellular carcinoma: A systematic review and meta-analysis. *Gastroenterology*. 2016;:S1133.
596. Schackman BR, Freedberg KA, Weinstein MC, Sax PE, Losina E, Zhang H, Goldie SJ. Cost-effectiveness implications of the timing of antiretroviral therapy in HIV-infected adults. *Archives of internal medicine*. 2002;162(21):2478-86.
597. Raboud JM, Rae S, Vella S, Harrigan PR, Bucciardini R, Fragola V, Ricciardulli D, Montaner JS. Meta-analysis of two randomized controlled trials comparing combined zidovudine and didanosine therapy with combined zidovudine, didanosine, and nevirapine therapy in patients

- with HIV. INCAS study team. *Journal of acquired immune deficiency syndromes* (1999). 1999;22(3):260-6.
598. Pai NP, Lawrence J, Reingold AL, Tulskey JP. Structured treatment interruptions (STI) in chronic unsuppressed HIV infection in adults. *Cochrane database of systematic reviews* (Online). 2006;3(3):CD006148.
599. Panidou ET, Trikalinos TA, Ioannidis JP. Limited benefit of antiretroviral resistance testing in treatment-experienced patients: a meta-analysis. *AIDS (London, England)*. 2004;18(16):2153-61.
600. Yang M, Sun J, Bai HX, Tao Y, Tang X, States LJ, Zhang Z, Zhou J, Farwell MD, Zhang P, Xiao B, Yang L. Diagnostic accuracy of SPECT, PET, and MRS for primary central nervous system lymphoma in HIV patients: A systematic review and meta-analysis. *Medicine*. 2017;96(19):e6676.
601. Deborah Bain-Brickley, Lisa M Butler, Gail E Kennedy, George W Rutherford. Interventions to improve adherence to antiretroviral therapy in children with HIV infection. *Cochrane database of systematic reviews* (Online). 2011;12(12):CD009513.
602. Genberg BL, Shangani S, Sabatino K, Rachlis B, Wachira J, Braitstein P, Operario D. Improving Engagement in the HIV Care Cascade: A Systematic Review of Interventions Involving People Living with HIV/AIDS as Peers. *AIDS and behavior*. 2016;20(10):2452-63.
603. Costiniuk C.T., Fergusson D.A., Doucette S., Angel J.B.. Discontinuation of prophylaxis for pneumocystis jiroveci pneumonia with CD4+ T cell count <200 cells/ μ L when HIV viral load is suppressed on antiretroviral therapy: A systematic review and meta-analysis. *Canadian Journal of Infectious Diseases and Medical Microbiology*. 2011;:74B.
604. Vancampfort D, Mugisha J, Richards J, De Hert M, Lazzarotto AR, Schuch FB, Probst M, Stubbs B. Dropout from physical activity interventions in people living with HIV: a systematic review and meta-analysis. *AIDS care*. 2016;29(5):1-8.
605. Zang CP, Jia ZW, Brown K, Reilly KH, Wang JJ, Wang N. Heterosexual risk of HIV infection in China: systematic review and meta-analysis. *Chinese medical journal*. 2011;124(12):1890-6.
606. Liu X., Fu K., Xu C., Gong R., Liu L., Guo T., Zhou H., Zhao X., Chen J., Zhang J.. Diagnostic Value and Safety of Stereotactic Biopsy in Acquired Immune Deficiency Syndrome Patients with Intracranial Lesions: Systematic Review and Meta-Analysis. *World Neurosurgery*. 2017;98:790-799.e13.
607. Brown J., Roy A., Harris R., Filson S., Johnson M., Abubakar I., Lipman M.. Respiratory symptoms in people living with HIV and the effect of antiretroviral therapy: A systematic review and meta-analysis. *Thorax*. 2016;72(4):355-366.
608. Scott-Sheldon LA, Walstrom P, Harrison A, Kalichman SC, Carey MP. Sexual risk reduction interventions for HIV prevention among South African youth: a meta-analytic review. *Current HIV research*. 2013;11(7):549-58.
609. Sin NL, DiMatteo MR. Depression treatment enhances adherence to antiretroviral therapy: a meta-analysis. *Annals of behavioral medicine : a publication of the Society of Behavioral Medicine*. 2014;47(3):259-69.
610. Horyniak D, Guy R, Prybylski D, Hellard M, Kaldor J. The utility of voluntary counselling and testing data as a source of information on HIV prevalence: a systematic review. *International journal of STD & AIDS*. 2010;21(5):305-11.

611. Dadi TL, Kefale AT, Mega TA, Kedir MS, Addo HA, Biru TT. Efficacy and Tolerability of Tenofovir Disoproxil Fumarate Based Regimen as Compared to Zidovudine Based Regimens: A Systematic Review and Meta-Analysis. *AIDS research and treatment*. 2017;2017:5792925.
612. Olsen CM, Knight LL, Green AC. Risk of melanoma in people with HIV/AIDS in the pre- and post-HAART eras: a systematic review and meta-analysis of cohort studies. *PLoS one*. 2014;9(4):e95096.
613. Fonner VA, Dalgligh SL, Kennedy CE, Baggaley R, O'Reilly KR, Koechlin FM, Rodolph M, Hodges-Mameletzis I, Grant RM. Effectiveness and safety of oral HIV preexposure prophylaxis for all populations. *AIDS*. 2016;30(12):1973-1983.
614. Wang AL, Peng RR, Tucker JD, Cohen MS, Chen XS. Partner notification uptake for sexually transmitted infections in China: a systematic literature review. *Sexually transmitted infections*. 2012;88(5):386-93.
615. Hanscom B, Janes HE, Guarino PD, Huang Y, Brown ER, Chen YQ, Hammer SM, Gilbert PB, Donnell DJ. Brief report: Preventing HIV-1 infection in women using oral preexposure prophylaxis: A meta-analysis of current evidence. *Journal of Acquired Immune Deficiency Syndromes*. 2016;73(5):606-608.
616. Atun R, Silva S, Ncube M, Vassall A. Innovative financing for HIV response in sub-Saharan Africa. *Journal of global health*. 2016;6(1):010407.
617. Muessig K.E., Nekkanti M., Bauermeister J., Bull S., Hightow-Weidman L.B.. A Systematic Review of Recent Smartphone, Internet and Web 2.0 Interventions to Address the HIV Continuum of Care. *Current HIV/AIDS Reports*. 2015;12((Muessig K.E., kmuessig@med.unc.edu; Nekkanti M., nekkanti@live.unc.edu) Department of Health Behavior, University of North Carolina at Chapel Hill, Chapel Hill, United States):173-90.
618. Gonçalves, Tonantzin Ribeiro, Faria, Evelise Rigoni, Carvalho, Fernanda Torres de, Piccinini, Cesar Augusto, Shoveller, Jean Anne. Behavioral interventions to promote condom use among women living with HIV: a systematic review update. *Cad Saude Publica*. 2017;33(1):e00202515-e00202515.
619. Beard J, Feeley F, Rosen S. Economic and quality of life outcomes of antiretroviral therapy for HIV/AIDS in developing countries: a systematic literature review. *AIDS care*. 2009;21(11):1343-56.
620. Beste S, Essajee S, Siberry G, Hannaford A, Dara J, Sugandhi N, Penazzato M. Optimal Anti-Retroviral Prophylaxis in Infants At High-Risk of Acquiring Human Immunodeficiency Virus: A Systematic Review. *The Pediatric infectious disease journal*. 2017;
621. Montoro Ronsano JB, Oliveras Martín J, Tusell Puigbert JM. [The effect of the type of factor VIII concentrate on the CD4 lymphocyte count in hemophiliacs with human immunodeficiency virus infection: the results of a meta-analysis]. *Medicina clínica*. 1994;103(18):690-4.
622. Mills EJ, Kelly S, Bradley M, Mollon P, Cooper C, Nachega J. Antiretroviral effects on HIV-1 RNA, CD4 cell count and progression to AIDS or death: a meta-regression analysis. *HIV medicine*. 2008;9(10):849-57.
623. Woods EA, Foisy MM. Antiretroviral-Related Alopecia in HIV-Infected Patients. *The Annals of pharmacotherapy*. 2014;48(9):1187-1193.
624. Doolittle B.R., Justice A.C., Fiellin D.A.. Religion, spirituality, and HIV clinical outcomes: A systematic review of the literature. *Journal of General Internal Medicine*. 2016;;S387.

625. Vos AG, Hulzebosch A, Grobbee DE, Barth RE, Klipstein-Grobusch K. Association between Immune Markers and Surrogate Markers of Cardiovascular Disease in HIV Positive Patients: A Systematic Review. *PloS one*. 2017;12(1):e0169986.
626. Hill A, Ruxrungtham K, Hanvanich M, Katlama C, Wolf E, Soriano V, Milinkovic A, Gatell J, Ribera E. Systematic review of clinical trials evaluating low doses of stavudine as part of antiretroviral treatment. *Expert opinion on pharmacotherapy*. 2007;8(5):679-88.
627. Zhang L, Chow EP, Jing J, Zhuang X, Li X, He M, Sun H, Li X, Gorgens M, Wilson D, Wang L, Guo W, Li D, Cui Y, Wang L, Wang N, Wu Z, Wilson DP. HIV prevalence in China: integration of surveillance data and a systematic review. *The Lancet infectious diseases*. 2013;13(11):955-63.
628. Cysique LA, Maruff P, Brew BJ. The neuropsychological profile of symptomatic AIDS and ADC patients in the pre-HAART era: a meta-analysis. *Journal of the International Neuropsychological Society : JINS*. 2006;12(3):368-82.
629. Tara Horvath, Hana Azman, Gail E Kennedy, George W Rutherford. Mobile phone text messaging for promoting adherence to antiretroviral therapy in patients with HIV infection. *Cochrane Database of Systematic Reviews*. 2012;3(3):CD009756.
630. Coyle SL, Needle RH, Normand J. Outreach-based HIV prevention for injecting drug users: a review of published outcome data. *Public health reports (Washington, D.C. : 1974)*. 1998;113 Suppl 1:19-30.
631. Parka L.S., Hernandez-Ramirez R.U., Silverberg M.J., Crothers K., Dubrow R.. Prevalence of non-HIV cancer risk factors in persons living with HIV/AIDS: A meta-analysis. *AIDS*. 2016;30(2):273-291.
632. Harmsen MJ, Browne JL, Venter F, Klipstein-Grobusch K, Rijken MJ. The association between HIV (treatment), pregnancy serum lipid concentrations and pregnancy outcomes: a systematic review. *BMC infectious diseases*. 2017;17(1):489.
633. Carvalho EH, Gelenske T, Bandeira F, Albuquerque Mda F. Bone mineral density in HIV-infected women taking antiretroviral therapy: a systematic review. *Arquivos brasileiros de endocrinologia e metabologia*. 2010;54(2):133-42.
634. Nansseu JR, Bigna JJ, Kaze AD, Noubiap JJ. Rates and drivers of progression to pre-diabetes and diabetes mellitus among HIV-infected adults on antiretroviral therapy: a global systematic review and meta-analysis protocol. *BMJ open*. 2016;6(9):e012852.
635. Puigventós F, Riera M, Delibes C, Peñaranda M, de la Fuente L, Boronat A. [Adherence to antiretroviral drug therapy. A systematic review]. *Medicina clínica*. 2002;119(4):130-7.
636. Mason-Jones, Amanda J, Sinclair, David, Mathews, Catherine, Kagee, Ashraf, Hillman, Alex, Lombard, Carl. School-based interventions for preventing HIV, sexually transmitted infections, and pregnancy in adolescents. *Cochrane Database of Systematic Reviews*. 2016;11(11):CD006417.
637. Arikawa S, Rollins N, Newell ML, Becquet R. Mortality risk and associated factors in HIV-exposed, uninfected children. *Tropical medicine & international health : TM & IH*. 2016;21(6):720-34.
638. Alexandra Marshall S, Brewington KM, Kathryn Allison M, Haynes TF, Zaller ND. Measuring HIV-related stigma among healthcare providers: a systematic review. *AIDS care*. 2017;29(11):1-9.

639. Okonkwo RI, Weidmann AE, Effa EE. Renal and Bone Adverse Effects of a Tenofovir-Based Regimen in the Treatment of HIV-Infected Children: A Systematic Review. *Drug safety*. 2016;39(3):209-18.
640. Padian NS, McCoy SI, Balkus JE, Wasserheit JN. Weighing the gold in the gold standard: challenges in HIV prevention research. *AIDS (London, England)*. 2010;24(5):621-35.
641. Banach M, Dinca M, Ursoniu S, Serban MC, Howard G, Mikhailidis DP, Nicholls S, Lip GY, Glasser S, Martin SS, Muntner P, Rysz J, Toth PP, Sahebkar A, Lipid Blood Pressure Meta-analysis Collaboration Group. A PRISMA-compliant Systematic Review and Meta-Analysis of Randomized Controlled Trials Investigating the Effects of Statin Therapy on Plasma Lipid Concentrations in HIV-Infected Patients. *Pharmacological research*. 2016;111:343-356.
642. Phillips AE, Gomez GB, Boily MC, Garnett GP. A systematic review and meta-analysis of quantitative interviewing tools to investigate self-reported HIV and STI associated behaviours in low- and middle-income countries. *International journal of epidemiology*. 2010;39(6):1541-55.
643. Okwundu CI, Uthman OA, Okoromah CA. Antiretroviral pre-exposure prophylaxis (PrEP) for preventing HIV in high-risk individuals. *Cochrane Database of Systematic Reviews*. 2012;7(7):CD007189.
644. Britto C, Mehta K, Thomas R, Shet A. Prevalence and Correlates of HIV Disclosure Among Children and Adolescents in Low- and Middle-Income Countries: A Systematic Review. *Journal of developmental and behavioral pediatrics : JDBP*. 2016;37(6):496-505.
645. Ortego C, Huedo-Medina TB, Vejo J, Llorca FJ. Adherence to highly active antiretroviral therapy in Spain. A meta-analysis. *Gaceta sanitaria / S.E.S.P.A.S*. 2011;25(4):282-9.
646. Pham MD, Romero L, Parnell B, Anderson DA, Crowe SM, Luchters S. Feasibility of antiretroviral treatment monitoring in the era of decentralized HIV care: a systematic review. *AIDS research and therapy*. 2017;14(1):3.
647. Keane J, Pharr JR, Buttner MP, Ezeanolue EE. Interventions to Reduce Loss to Follow-up During All Stages of the HIV Care Continuum in Sub-Saharan Africa: A Systematic Review. *AIDS and behavior*. 2016;21(6):1745-1754.
648. Mukumbang FC, Van Belle S, Marchal B, van Wyk B. An exploration of group-based HIV/AIDS treatment and care models in Sub-Saharan Africa using a realist evaluation (Intervention-Context-Actor-Mechanism-Outcome) heuristic tool: a systematic review. *Implementation science : IS*. 2017;12(1):107.
649. Horvath T, Madi BC, Iuppa IM, Kennedy GE, Rutherford G, Read JS. Interventions for preventing late postnatal mother-to-child transmission of HIV. *Cochrane database of systematic reviews (Online)*. 2009;(1):CD006734.
650. Carlsson-Laloo E, Rusner M, Mellgren Å, Berg M. Sexuality and Reproduction in HIV-Positive Women: A Meta-Synthesis. *AIDS patient care and STDs*. 2016;30(2):56-69.
651. Hunt K, Hughes CA, Hills-Nieminen C. Protease inhibitor-associated QT interval prolongation. *The Annals of pharmacotherapy*. 2011;45(12):1544-50.
652. Gesesew HA, Tesfay Gebremedhin A, Demissie TD, Kerie MW, Sudhakar M, Mwanri L. Significant association between perceived HIV related stigma and late presentation for HIV/AIDS care in low and middle-income countries: A systematic review and meta-analysis. *PLoS one*. 2017;12(3):e0173928.

653. Vassallo M, Mercié P, Cottalorda J, Ticchioni M, Dellamonica P. The role of lipopolysaccharide as a marker of immune activation in HIV-1 infected patients: a systematic literature review. *Virology journal*. 2012;9(no pagination):174.
654. Amita Ray, Sujoy Ray, Aneesh Thomas George, Narasimman Swaminathan. Interventions for prevention and treatment of vulvovaginal candidiasis in women with HIV infection. *Cochrane Database of Systematic Reviews*. 2011;(8):CD008739.
655. Batterham MJ. Investigating heterogeneity in studies of resting energy expenditure in persons with HIV/AIDS: a meta-analysis. *The American journal of clinical nutrition*. 2005;81(3):702-13.
656. Detsis M, Tsioutis C, Karageorgos SA, Sideroglou T, Hatzakis A, Mylonakis E. Factors associated with HIV testing and HIV treatment adherence: a systematic review. *Current pharmaceutical design*. 2017;23(18):2568-2578.
657. Keith A., Dong Y., Shuter J., Himelhoch S.. Behavioral interventions for tobacco use in HIV-infected smokers: A meta-analysis. *Journal of Acquired Immune Deficiency Syndromes*. 2016;72(5):527-533.
658. Hart A., Samuels D., Hulgán T.. The other genome: A systematic review of studies of mitochondrial DNA (mtDNA) haplogroups and outcomes of HIV infection and antiretroviral therapy (ART). *Antiviral Therapy*. 2012;;A51.
659. Rajasingham R, Mimiaga MJ, White JM, Pinkston MM, Baden RP, Mitty JA. A Systematic Review of Behavioral and Treatment Outcome Studies Among HIV-Infected Men Who Have Sex with Men Who Abuse Crystal Methamphetamine. *AIDS patient care and STDs*. 2012;26(1):36-52.
660. Khan FA, Minion J, Pai M, Royce S, Burman W, Harries AD, Menzies D. Treatment of active tuberculosis in HIV-coinfected patients: a systematic review and meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2010;50(9):1288-99.
661. Hargreaves JR, Bonell CP, Boler T, Boccia D, Birdthistle I, Fletcher A, Pronyk PM, Glynn JR. Systematic review exploring time trends in the association between educational attainment and risk of HIV infection in sub-Saharan Africa. *AIDS (London, England)*. 2008;22(3):403-14.
662. Bedimo R, Rosenblatt L, Myers J. Systematic review of renal and bone safety of the antiretroviral regimen efavirenz, emtricitabine, and tenofovir disoproxil fumarate in patients with HIV infection. *HIV clinical trials*. 2016;17(6):1-21.
663. Fritts M, Crawford CC, Quibell D, Gupta A, Jonas WB, Coulter I, Andrade SA. Traditional Indian medicine and homeopathy for HIV/AIDS: a review of the literature. *AIDS research and therapy*. 2008;5:25.
664. Cerrato E., D'ascenzo F., Biondi-Zoccai G., Moretti C., Frea S., Grosso Marra W., Omede' P., Sciuto F., Sheiban I., Gaita F.. Cardiac dysfunction in pauci symptomatic HIV patients: A meta-analysis in the highly active antiretroviral therapy era. *European Journal of Heart Failure, Supplement*. 2012;;S249.
665. Fox M.P., Rosen S.. Systematic review of retention of pediatric patients on HIV treatment in low and middle-income countries 2008-2013. *AIDS*. 2015;29(4):493-502.
666. Guise A, Seguin M, Mburu G, McLean S, Grenfell P, Islam Z, Filippovych S, Assan H, Low A, Vickerman P, Rhodes T. Integrated opioid substitution therapy and HIV care: a qualitative systematic review and synthesis of client and provider experiences. *AIDS care*. 2017;29(9):1-10.

667. Pulido F., Hill A., Van Delft Y., Moecklinghoff C.. Effects of HIV/HCV co-infection on the efficacy of antiretroviral treatment for HIV: A meta-analysis of 5408 patients in 10 randomised clinical trials. *HIV Medicine*. 2012;;10.
668. Ferrand RA, Briggs D, Ferguson J, Penazzato M, Armstrong A, MacPherson P, Ross DA, Kranzer K. Viral suppression in adolescents on antiretroviral treatment: review of the literature and critical appraisal of methodological challenges. *Tropical medicine & international health : TM & IH*. 2015;21(3):325-33.
669. Okwundu C.I.. Antiretroviral pre-exposure prophylaxis (PrEP) for preventing HIV in high-risk individuals-A systematic review. *AIDS Research and Human Retroviruses*. 2010;;A91.
670. Bock P, James A, Nikuze A, Peton N, Sabapathy K, Mills E, Fidler S, Ford N. Baseline CD4 Count and Adherence to Antiretroviral Therapy: A Systematic Review and Meta-Analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2016;73(5):514-521.
671. Dalal S, Johnson C, Fonner V, Kennedy CE, Siegfried N, Figueroa C, Baggaley R. Assisted HIV partner notification services: a systematic review and meta-analysis. *AIDS (London, England)*. 2017;
672. Huan Z, Fuzhi W, Lu L, Min Z, Xingzhi C, Shiyang J. Comparisons of Adherence to Antiretroviral Therapy in a High- Risk Population in China: A Systematic Review and Meta-Analysis. *PLoS one*. 2016;11(1):e0146659.
673. Suthar AB, Lawn SD, del Amo J, Getahun H, Dye C, Sculier D, Sterling TR, Chaisson RE, Williams BG, Harries AD, Granich RM. Antiretroviral therapy for prevention of tuberculosis in adults with HIV: a systematic review and meta-analysis. *PLoS medicine*. 2012;9(7):e1001270.
674. Kennedy CE, Haberlen S, Amin A, Baggaley R, Narasimhan M. Safer disclosure of HIV serostatus for women living with HIV who experience or fear violence: a systematic review. *Journal of the International AIDS Society*. 2015;18(6 Suppl 5):20292.
675. Sweeney S, Obure CD, Maier CB, Greener R, Dehne K, Vassall A. Costs and efficiency of integrating HIV/AIDS services with other health services: a systematic review of evidence and experience. *Sexually transmitted infections*. 2012;88(2):85-99.
676. Li H, Li X, Zhang L, Chow E. Effects of multiple types of stigma on the probability of HIV disclosure to sex partners: a systematic review. *Sexual health*. 2016;13(6):516-529.
677. Adeoye-Agboola DI, Evans H, Hewson D, Pappas Y. Factors influencing HIV disclosure among people living with HIV/AIDS in Nigeria: a systematic review using narrative synthesis and meta-analysis. *Public health*. 2016;136:13-28.
678. Patel DA, Snedecor SJ, Tang WY, Sudharshan L, Lim JW, Cuffe R, Pulgar S, Gilchrist KA, Camejo RR, Stephens J, Nichols G. 48-Week Efficacy and Safety of Dolutegravir Relative to Commonly Used Third Agents in Treatment-Naive HIV-1-Infected Patients: A Systematic Review and Network Meta-Analysis. *PLoS one*. 2014;9(9):e105653.
679. Jiang HY, Zhang MN, Chen HJ, Yang Y, Deng M, Ruan B. Nevirapine versus efavirenz for patients co-infected with HIV and tuberculosis: a systematic review and meta-analysis. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2014;25:130-5.
680. Forna F, McConnell M, Kitabire FN, Homsy J, Brooks JT, Mermin J, Weidle PJ. Systematic review of the safety of trimethoprim-sulfamethoxazole for prophylaxis in HIV-infected pregnant women: implications for resource-limited settings. *AIDS reviews*. 2006;8(1):24-36.

681. Moskowitz JT, Hult JR, Bussolari C, Acree M. What works in coping with HIV? A meta-analysis with implications for coping with serious illness. *Psychological bulletin*. 2009;135(1):121-41.
682. Wedi CO, Kirtley S, Hopewell S, Corrigan R, Kennedy SH, Hemelaar J. Perinatal outcomes associated with maternal HIV infection: a systematic review and meta-analysis. *The lancet. HIV*. 2016;3(1):e33-48.
683. Mathers BM, Degenhardt L, Ali H, Wiessing L, Hickman M, Mattick RP, Myers B, Ambekar A, Strathdee SA, 2009 Reference Group to the UN on HIV and Injecting Drug Use. HIV prevention, treatment, and care services for people who inject drugs: a systematic review of global, regional, and national coverage. *Lancet (London, England)*. 2010;375(9719):1014-28.
684. Kasirye R, Baisley K, Munderi P, Grosskurth H. Effect of cotrimoxazole prophylaxis on malaria occurrence in HIV infected patients on antiretroviral therapy in sub-Saharan Africa. *Tropical medicine & international health : TM & IH*. 2015;20(5):569-580.
685. Sweeney SM, Vanable PA. The Association of HIV-Related Stigma to HIV Medication Adherence: A Systematic Review and Synthesis of the Literature. *AIDS and behavior*. 2015;20(1):29-50.
686. Reisner SL, Mimiaga MJ, Skeer M, Perkovich B, Johnson CV, Safren SA. A review of HIV antiretroviral adherence and intervention studies among HIV-infected youth. *Topics in HIV medicine : a publication of the International AIDS Society, USA*. 2009;17(1):14-25.
687. Nachega J.B., Uthman O.A., Peltzer K., Richardson L.A., Mills E.J., Amekudzi K., Ouedraogo A.. Association between antiretroviral therapy adherence and employment status: Systematic review and meta-analysis. *Bulletin of the World Health Organization*. 2015;93(1):29-41.
688. Ismail Yahaya, Olalekan A Uthman, Muhammed Mubashir B Uthman. Interventions for HIV-associated nephropathy. *Cochrane Database of Systematic Reviews*. 2013;1(1):CD007183.
689. Wojcicki JM. Socioeconomic status as a risk factor for HIV infection in women in East, Central and Southern Africa: a systematic review. *Journal of biosocial science*. 2005;37(1):1-36.
690. Taggart, Tamara, Grewe, Mary Elisabeth, Conserve, Donaldson F., Gliwa, Catherine, Isler, Malika Roman. Social media and HIV: A systematic review of uses of social media in HIV communication. *Journal of Medical Internet Research*. 2015;17(11).
691. Silva-Carvalho WH, de Moura RR, Coelho AV, Crovella S, Guimarães RL. Frequency of the CCR5-delta32 allele in Brazilian populations: A systematic literature review and meta-analysis. *Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases*. 2016;43:101-107.
692. Hill A, Sawyer W. Effects of nucleoside reverse transcriptase inhibitor backbone on the efficacy of first-line boosted highly active antiretroviral therapy based on protease inhibitors: meta-regression analysis of 12 clinical trials in 5168 patients. *HIV medicine*. 2009;10(9):527-35.
693. van der Heijden I, Abrahams N, Sinclair D. Psychosocial group interventions to improve psychological well-being in adults living with HIV. *The Cochrane database of systematic reviews*. 2017;3(3):CD010806.
694. Chamla D, Luo C, Adjorlolo-Johnson G, Vandelaer J, Young M, Costales MO, McClure C. Integration of HIV infant testing into immunization programmes: a systematic review. *Paediatrics and international child health*. 2015;35(4):298-304.
695. Obiero J, Mwethera PG, Hussey GD, Wiysonge CS. Vaginal microbicides for reducing the risk of sexual acquisition of HIV infection in women: systematic review and meta-analysis. *BMC infectious diseases*. 2012;12(no pagination):289.

696. Vojnov L, Markby J, Boeke C, Harris L, Ford N, Peter T. POC CD4 Testing Improves Linkage to HIV Care and Timeliness of ART Initiation in a Public Health Approach: A Systematic Review and Meta-Analysis. *PloS one*. 2016;11(5):e0155256.
697. Ford N, Matteelli A, Shubber Z, Hermans S, Meintjes G, Grinsztejn B, Waldrop G, Kranzer K, Doherty M, Getahun H. TB as a cause of hospitalization and in-hospital mortality among people living with HIV worldwide: a systematic review and meta-analysis. *Journal of the International AIDS Society*. 2016;19(1):20714.
698. Wang L., Meng Y., Mao X., Peng L.-H., Yao X., Liu G.-J., Jing Y.-Y., Wen J., Yuan Z.-F., Li Y.-P.. Effectiveness and safety of zidovudine for preventing the risk of mother-to-child transmission of HIV: A systematic review. *Chinese Journal of Evidence-Based Medicine*. 2007;7(5):367-384.
699. Siemieniuk RA, Foroutan F, Mirza R, Mah Ming J, Alexander PE, Agarwal A, Lesi O, Merglen A, Chang Y, Zhang Y, Mir H, Hepworth E, Lee Y, Zeraatkar D, Guyatt GH. Antiretroviral therapy for pregnant women living with HIV or hepatitis B: a systematic review and meta-analysis. *BMJ open*. 2017;7(9):e019022.
700. Borges ÁH, Lundh A, Tendal B, Bartlett JA, Clumeck N, Costagliola D, Daar ES, Echeverría P, Gisslén M, Huedo-Medina TB, Hughes MD, Huppler Hullsiek K, Khabo P, Komati S, Kumar P, Lockman S, MacArthur RD, Maggiolo F, Matteelli A, Miro JM, Oka S, Petoumenos K, Puls RL, Riddler SA, Sax PE, Sierra-Madero J, Torti C, Lundgren JD. Nonnucleoside Reverse-transcriptase Inhibitor- vs Ritonavir-boosted Protease Inhibitor-based Regimens for Initial Treatment of HIV Infection: A Systematic Review and Metaanalysis of Randomized Trials. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2016;63(2):268-80.
701. Graham S, O'Connor CC, Morgan S, Chamberlain C, Hocking J. Prevalence of HIV among Aboriginal and Torres Strait Islander Australians: a systematic review and meta-analysis. *Sexual health*. 2017;
702. Angione SA, Cherian SM, Özdener AE. A Review of the Efficacy and Safety of Genvoya® (Elvitegravir, Cobicistat, Emtricitabine, and Tenofovir Alafenamide) in the Management of HIV-1 Infection. *Journal of pharmacy practice*. 2017;:897190017710519.
703. Boerma RS, Sigaloff KC, Akanmu AS, Inzaule S, Boele van Hensbroek M, Rinke de Wit TF, Calis JC. Alarming increase in pretreatment HIV drug resistance in children living in sub-Saharan Africa: a systematic review and meta-analysis. *The Journal of antimicrobial chemotherapy*. 2016;72(2):365-371.
704. Kennedy CE, Yeh PT, Johnson C, Baggaley R. Should trained lay providers perform HIV testing? A systematic review to inform World Health Organization guidelines. *AIDS care*. 2017;29(12):1-7.
705. Li JZ, Paredes R, Ribaudó HJ, Svarovskaia ES, Metzner KJ, Kozal MJ, Hullsiek KH, Balduin M, Jakobsen MR, Geretti AM, Thiebaut R, Ostergaard L, Masquelier B, Johnson JA, Miller MD, Kuritzkes DR. Low-frequency HIV-1 drug resistance mutations and risk of NNRTI-based antiretroviral treatment failure: a systematic review and pooled analysis. *JAMA : the journal of the American Medical Association*. 2011;305(13):1327-35.
706. Ha S, Paquette D, Tarasuk J, Dodds J, Gale-Rowe M, Brooks JI, Kim J, Wong T. A systematic review of HIV testing among Canadian populations. *Canadian journal of public health = Revue canadienne de santé publique*. 2014;105(1):e53-62.

707. Takah NF, Kennedy IT, Johnman C. Impact of approaches in improving male partner involvement in the prevention of mother-to-child transmission (PMTCT) of HIV on the uptake of PMTCT services in sub-Saharan Africa: a protocol of a systematic review and meta-analysis. *BMJ open*. 2016;6(7):e012224.
708. Bert F, Gualano MR, Biancone P, Brescia V, Camussi E, Martorana M, Thomas R, Secinaro S, Siliquini R. HIV screening in pregnant women: A systematic review of cost-effectiveness studies. *The International journal of health planning and management*. 2017;
709. Yuan R, Cheng H, Chen LS, Zhang X, Wang B. Prevalence of different HIV-1 subtypes in sexual transmission in China: a systematic review and meta-analysis. *Epidemiology and infection*. 2016;144(10):2144-53.
710. Freeborn K, Portillo CJ. Does Pre-exposure prophylaxis (PrEP) for HIV prevention in men who have sex with men (MSM) change risk behavior? A systematic review. *Journal of clinical nursing*. 2017;
711. Li Y, Marshall CM, Rees HC, Nunez A, Ezeanolue EE, Ehiri JE. Intimate partner violence and HIV infection among women: a systematic review and meta-analysis. *Journal of the International AIDS Society*. 2014;17(no pagination):18845.
712. Du H, Li X. Acculturation and HIV-related sexual behaviours among international migrants: a systematic review and meta-analysis. *Health psychology review*. 2015;9(1):103-22.
713. Gupta A, Nadkarni G, Yang WT, Chandrasekhar A, Gupte N, Bisson GP, Hosseinipour M, Gummadi N. Early mortality in adults initiating antiretroviral therapy (ART) in low- and middle-income countries (LMIC): a systematic review and meta-analysis. *PloS one*. 2011;6(12):e28691.
714. Ibekwe E, Haigh C, Duncan F, Fatoye F. Clinical outcomes of routine opt-out antenatal human immunodeficiency virus screening: a systematic review. *Journal of clinical nursing*. 2016;26(3-4):341-355.
715. Goldstein DA, Timpone J, Cupps TR. HIV-associated intracranial aneurysmal vasculopathy in adults. *The Journal of rheumatology*. 2010;37(2):226-33.
716. Ford N, Mofenson L, Kranzer K, Medu L, Frigati L, Mills EJ, Calmy A. Safety of efavirenz in first-trimester of pregnancy: a systematic review and meta-analysis of outcomes from observational cohorts. *AIDS (London, England)*. 2010;24(10):1461-70.
717. Bezabhe WM, Chalmers L, Bereznicki LR, Peterson GM. Adherence to Antiretroviral Therapy and Virologic Failure: A Meta-Analysis. *Medicine*. 2016;95(15):e3361.
718. Evangeli M, Wroe AL. HIV Disclosure Anxiety: A Systematic Review and Theoretical Synthesis. *AIDS and behavior*. 2016;21(1):1-11.
719. Pozniak A, Gupta RK, Pillay D, Arribas J, Hill A. Causes and consequences of incomplete HIV RNA suppression in clinical trials. *HIV clinical trials*. 2009;10(5):289-98.
720. Li SL, Xu P, Zhang L, Sun GX, Lu ZJ. Effectiveness and safety of rilpivirine, a non-nucleoside reverse transcriptase inhibitor, in treatment-naive adults infected with HIV-1: a meta-analysis. *HIV clinical trials*. 2014;15(6):261-8.
721. Berhan A, Berhan Y. Is the Sexual Behaviour of HIV Patients on Antiretroviral therapy safe or risky in Sub-Saharan Africa? Meta-Analysis and Meta-Regression. *AIDS research and therapy*. 2012;9(1):14.
722. Hill A, Sawyer W, Gazzard B. Effects of first-line use of nucleoside analogues, efavirenz, and ritonavir-boosted protease inhibitors on lipid levels. *HIV clinical trials*. 2009;10(1):1-12.

723. Peng P, Su S, Fairley CK, Chu M, Jiang S, Zhuang X, Zhang L. A Global Estimate of the Acceptability of Pre-exposure Prophylaxis for HIV Among Men Who have Sex with Men: A Systematic Review and Meta-analysis. *AIDS and behavior*. 2017;
724. Su Y., Zhang F., Liu H., Smith M.K., Zhu L., Wu J., Wang N.. The prevalence of HIV-1 drug resistance among antiretroviral treatment naive individuals in mainland china: A meta-analysis. *PLoS ONE*. 2014;9(10):e110652.
725. Yu D, Sutherland D, Ghidinelli M, Jordan M. HIV drug resistance assessment in the Western Pacific region. A systematic review. *AIDS reviews*. 2011;13(4):214-26.
726. Beard, J., Feeley, F., and Rosen, S.. Non-clinical outcomes of antiretroviral therapy for HIV/AIDS in developing countries: a systematic literature review. *International Initiative for Impact Evaluation (3ie)*. 2008;
727. Slogrove AL, Goetghebuer T, Cotton MF, Singer J, Bettinger JA. Pattern of Infectious Morbidity in HIV-Exposed Uninfected Infants and Children. *Frontiers in immunology*. 2016;7:164.
728. Shangani S, Escudero D, Kirwa K, Harrison A, Marshall B, Operario D. Effectiveness of peer-led interventions to increase HIV testing among men who have sex with men: a systematic review and meta-analysis. *AIDS care*. 2017;29(8):1-11.
729. Mathis S, Khanlari B, Pulido F, Schechter M, Negredo E, Nelson M, Vernazza P, Cahn P, Meynard JL, Arribas J, Bucher HC. Effectiveness of protease inhibitor monotherapy versus combination antiretroviral maintenance therapy: a meta-analysis. *PloS one*. 2011;6(7):e22003.
730. Watt N, Sigfrid L, Legido-Quigley H, Hogarth S, Maimaris W, Otero-García L, Perel P, Buse K, McKee M, Piot P, Balabanova D. Health systems facilitators and barriers to the integration of HIV and chronic disease services: a systematic review. *Health policy and planning*. 2017;
731. Langebeek, Nienke, Gisolf, Elisabeth, Reiss, Peter, Vervoort, Sigrid, Richter, Clemens, Sprangers, Mirjam, Nieuwkerk, Pythia. Predictors and Correlates of Adherence to Combination Antiretroviral Therapy (cART) for Chronic HIV Infection: A Meta-Analysis. *HIV Nursing*. 2014;14(4):26-26.
732. Milloy MJ, Marshall BD, Kerr T, Buxton J, Rhodes T, Montaner J, Wood E. Social and structural factors associated with HIV disease progression among illicit drug users: a systematic review. *AIDS (London, England)*. 2012;26(9):1049-63.
733. Holtz SA, Thetard R, Konopka SN, Albertini J, Amzel A, Fogg KP. A Systematic Review of Interventions to Reduce Maternal Mortality among HIV-Infected Pregnant and Postpartum Women. *International journal of MCH and AIDS*. 2015;4(2):11-24.
734. Siegfried NL, Van Deventer PJ, Mahomed FA, Rutherford GW. Stavudine, lamivudine and nevirapine combination therapy for treatment of HIV infection and AIDS in adults. *Cochrane database of systematic reviews (Online)*. 2006;(2):CD004535.
735. Stromdahl S, Hickson F, Pharris A, Sabido M, Baral S, Thorson A. A systematic review of evidence to inform HIV prevention interventions among men who have sex with men in Europe. *Euro surveillance : bulletin Européen sur les maladies transmissibles = European communicable disease bulletin*. 2015;20(15):1-20.
736. Rhee SY, Blanco JL, Jordan MR, Taylor J, Lemey P, Varghese V, Hamers RL, Bertagnolio S, Rinke de Wit TF, Aghokeng AF, Albert J, Avi R, Avila-Rios S, Bessong PO, Brooks JI, Boucher CA, Brumme ZL, Busch MP, Bussmann H, Chaix ML, Chin BS, D'Aquin TT, De Gascun CF, Derache A, Descamps D, Deshpande AK, Djoko CF, Eshleman SH, Fleury H, Frange P, Fujisaki S, Harrigan

- PR, Hattori J, Holguin A, Hunt GM, Ichimura H, Kaleebu P, Katzenstein D, Kiertiburanakul S, Kim JH, Kim SS, Li Y, Lutsar I, Morris L, Ndembu N, Ng KP, Paranjape RS, Peeters M, Poljak M, Price MA, Ragonnet-Cronin ML, Reyes-Terán G, Rolland M, Sirivichayakul S, Smith DM, Soares MA, Soriano VV, Ssemwanga D, Stanojevic M, Stefani MA, Sugiura W, Sungkanuparph S, Tanuri A, Tee KK, Truong HM, van de Vijver DA, Vidal N, Yang C, Yang R, Yebra G, Ioannidis JP, Vandamme AM, Shafer RW. Geographic and temporal trends in the molecular epidemiology and genetic mechanisms of transmitted HIV-1 drug resistance: an individual-patient- and sequence-level meta-analysis. *PLoS medicine*. 2015;12(4):e1001810.
737. Bryant J, Baxter L, Hird S. Non-occupational postexposure prophylaxis for HIV: a systematic review. *Health technology assessment (Winchester, England)*. 2009;13(14):iii, ix-x, 1-60.
738. Naidu S, Ponnampalvanar S, Kamaruzzaman SB, Kamarulzaman A. Prevalence of Metabolic Syndrome Among People Living with HIV in Developing Countries: A Systematic Review. *AIDS patient care and STDs*. 2017;31(1):1-13.
739. Bruins WS, van Leth F. Effect of secondary preventive therapy on recurrence of tuberculosis in HIV-infected individuals: a systematic review. *Infectious diseases (London, England)*. 2016;49(3):1-9.
740. Ellington SR, Clarke KE, Kourtis AP. Cytomegalovirus Infection in the Human Immunodeficiency Virus-Exposed and Infected Infant: A Systematic Review. *The Journal of infectious diseases*. 2015;213(6):891-900.
741. Müller M, Wandel S, Colebunders R, Attia S, Furrer H, Egger M. Immune reconstitution inflammatory syndrome in patients starting antiretroviral therapy for HIV infection: a systematic review and meta-analysis. *The Lancet infectious diseases*. 2010;10(4):251-61.
742. Galárraga O, Wirtz VJ, Figueroa-Lara A, Santa-Ana-Tellez Y, Coulibaly I, Viisainen K, Medina-Lara A, Korenromp EL. Unit costs for delivery of antiretroviral treatment and prevention of mother-to-child transmission of HIV: a systematic review for low- and middle-income countries. *PharmacoEconomics*. 2011;29(7):579-99.
743. Tso LS, Best J, Beanland R, Doherty M, Lackey M, Ma Q, Hall BJ, Yang B, Tucker JD. Facilitators and barriers in HIV linkage to care interventions: a qualitative evidence review. *AIDS (London, England)*. 2016;30(10):1639-53.
744. Briel M, Boscacci R, Furrer H, Bucher HC. Adjunctive corticosteroids for *Pneumocystis jirovecii* pneumonia in patients with HIV infection: a meta-analysis of randomised controlled trials. *BMC infectious diseases*. 2005;5(no pagination):101.
745. Johnson WD, Diaz RM, Flanders WD, Goodman M, Hill AN, Holtgrave D, Malow R, McClellan WM. Behavioral interventions to reduce risk for sexual transmission of HIV among men who have sex with men. *Cochrane database of systematic reviews (Online)*. 2008;(3):CD001230.
746. Fabrizi F, Dixit V, Martin P, Messa P. Hepatitis C virus increases the risk of kidney disease among HIV-positive patients: Systematic review and meta-analysis. *Journal of medical virology*. 2015;88(3):487-97.
747. Huang Z, Jin M, Zhou H, Dong Z, Zhang S, Han J, Fu K, Wu J, Wu S, Du H, Yang Z. The Uptake of Prevention of Mother-to-Child HIV Transmission Programs in China: A Systematic Review and Meta-Analysis. *PloS one*. 2015;10(8):e0135068.
748. Islam FM, Wu J, Jansson J, Wilson DP. Relative risk of renal disease among people living with HIV: a systematic review and meta-analysis. *BMC public health*. 2012;12:234.

749. Burch LS, Smith CJ, Phillips AN, Johnson MA, Lampe FC. Socioeconomic status and response to antiretroviral therapy in high-income countries: a literature review. *AIDS (London, England)*. 2016;30(8):1147-62.
750. Zhou H, Liu L, Zhang M, Chen X, Huang Z. Antiretroviral therapy among pregnant and postpartum women in China: A systematic review and meta-analysis. *American journal of infection control*. 2016;44(3):e25-35.
751. Chang LW, Harris J, Humphreys E. Optimal monitoring strategies for guiding when to switch first-line antiretroviral therapy regimens for treatment failure in adults and adolescents living with HIV in low-resource settings. *Cochrane database of systematic reviews (Online)*. 2010;(4):CD008494.
752. Underhill K, Operario D, Montgomery P. Systematic review of abstinence-plus HIV prevention programs in high-income countries. *PLoS medicine*. 2007;4(9):e275.
753. Siegfried N, Davies MA, Penazzato M, Muhe LM, Egger M. Optimal time for initiating antiretroviral therapy (ART) in HIV-infected, treatment-naive children aged 2 to 5 years old. *Cochrane Database of Systematic Reviews*. 2013;10(10):CD010309.
754. Blaser N, Wettstein C, Estill J, Vizcaya LS, Wandeler G, Egger M, Keiser O. Impact of viral load and the duration of primary infection on HIV transmission: systematic review and meta-analysis. *AIDS (London, England)*. 2014;28(7):1021-9.
755. Nduka CU, Stranges S, Kimani PK, Sarki AM, Uthman OA. Is there sufficient evidence for a causal association between antiretroviral therapy and diabetes in HIV-infected patients? A meta-analysis. *Diabetes/metabolism research and reviews*. 2017;33(6).
756. Arpadi SM, Shiao S, Marx-Arpadi C, Yin MT. Bone health in HIV-infected children, adolescents and young adults: a systematic review. *Journal of AIDS & clinical research*. 2014;5(11).
757. Wasserman S.A., Engel M., Griesel R., Mendelson M.. Burden of pneumocystis pneumonia in HIV-infected adults in sub-Saharan Africa: A systematic review and meta-analysis. *International Journal of Infectious Diseases*. 2016;:318-319.
758. Humphreys EH, Chang LW, Harris J. Antiretroviral regimens for patients with HIV who fail first-line antiretroviral therapy. *Cochrane database of systematic reviews (Online)*. 2010;6(6):CD006517.
759. Huo ZY, Peng L. Accuracy of the interferon- γ release assay for the diagnosis of active tuberculosis among HIV-seropositive individuals: a systematic review and meta-analysis. *BMC infectious diseases*. 2016;16(1):350.
760. Fialho R, Pereira M, Rusted J, Whale R. Depression in HIV and HCV co-infected patients: a systematic review and meta-analysis. *Psychology, health & medicine*. 2017;22(9):1-16.
761. Earl A, Albarracín D. Nature, decay, and spiraling of the effects of fear-inducing arguments and HIV counseling and testing: a meta-analysis of the short- and long-term outcomes of HIV-prevention interventions. *Health psychology : official journal of the Division of Health Psychology, American Psychological Association*. 2007;26(4):496-506.
762. Gupta RK, Lucas SB, Fielding KL, Lawn SD. Prevalence of tuberculosis in post-mortem studies of HIV-infected adults and children in resource-limited settings: a systematic review and meta-analysis. *AIDS (London, England)*. 2015;29(15):1987-2002.
763. Kietrys, David M., Galantino, Mary Lou A., Belthoff, Catarina, Bessemer, Emily, Carey, William, Grow, Laura, Homan Jr., George. *Physical Therapy Interventions for Individuals with HIV*

- Associated Distal Sensory Polyneuropathy: A Systematic Review. *Rehabilitation Oncology*. 2014;32(3):52-55.
764. Shrestha R, Copenhaver M. The Influence of Neurocognitive Impairment on HIV Risk Behaviors and Intervention Outcomes among High-Risk Substance Users: A Systematic Review. *Frontiers in public health*. 2016;4:16.
765. Uthman OA, Popoola TA, Uthman MM, Aremu O. Economic evaluations of adult male circumcision for prevention of heterosexual acquisition of HIV in men in sub-Saharan Africa: a systematic review. *PloS one*. 2010;5(3):e9628.
766. Sarah C. Leeper, Brian T. Montague, Jennifer F. Friedman, and Timothy P. Flanigan. Lessons learned from family-centred models of treatment for children living with HIV: Current approaches and future directions. *International Initiative for Impact Evaluation (3ie)*. 2010;
767. Bowring AL, Veronese V, Doyle JS, Stoove M, Hellard M. HIV and Sexual Risk Among Men Who Have Sex With Men and Women in Asia: A Systematic Review and Meta-Analysis. *AIDS and behavior*. 2016;20(10):2243-65.
768. Julie A. Denison, Kevin R. O'Reilly, George P. Schmid, Caitlin E. Kennedy, and Michael D. Sweat. HIV voluntary counseling and testing and behavioral risk reduction in developing countries: A meta-analysis, 1990–2005. *International Initiative for Impact Evaluation (3ie)*. 2008;
769. Chou R, Cantor A, Bougatsos C, Zakher B. Screening for HIV in Pregnant Women: Systematic Review to Update the U.S. Preventive Services Task Force Recommendation. *U.S. Preventive Services Task Force Evidence Syntheses, formerly Systematic Evidence Reviews*. 2012;
770. Petersdorf N, Ross JM, Weiss HA, Barnabas RV, Wasserheit JN, HCV and HIV Transmission Working Group. Systematic review and meta-analysis of hepatitis C virus infection and HIV viral load: new insights into epidemiologic synergy. *Journal of the International AIDS Society*. 2016;19(1):20944.
771. Michielsen K, Chersich MF, Luchters S, De Koker P, Van Rossem R, Temmerman M. Effectiveness of HIV prevention for youth in sub-Saharan Africa: systematic review and meta-analysis of randomized and nonrandomized trials. *AIDS (London, England)*. 2010;24(8):1193-202.
772. Falco M, Castro Ade C, Silveira EA. [Nutritional therapy in metabolic changes in individuals with HIV/AIDS]. *Revista de saúde pública*. 2012;46(4):737-46.
773. Davis T, Zanjani F. Prevention of HIV among older adults: a literature review and recommendations for future research. *Journal of aging and health*. 2012;24(8):1399-420.
774. O'Reilly KR, d'Aquila E, Fonner V, Kennedy C, Sweat M. Can Policy Interventions Affect HIV-Related Behaviors? A Systematic Review of the Evidence from Low- and Middle-Income Countries. *AIDS and behavior*. 2016;21(3):626-642.
775. Baeesa SS, Bakhaidar M, Almekhlafi MA, Madani TA. Human Immunodeficiency Virus-Associated Cerebral Aneurysmal Vasculopathy: A Systematic Review. *World neurosurgery*. 2015;87:220-9.
776. Sangarlangkarn A., Merlin J., Tucker R., Kelley A.. Advance care planning and HIV in the post-antiretroviral therapy era: A narrative review. *Journal of Pain and Symptom Management*. 2016;:379-380.
777. Vieira ADS, Silveira GRMD. Effectiveness of n-3 fatty acids in the treatment of hypertriglyceridemia in HIV/AIDS patients: a meta-analysis. *Ciencia & saude coletiva*. 2017;22(8):2659-2669.

778. McAteer CI, Truong NT, Aluoch J, Deathe AR, Nyandiko WM, Marete I, Vreeman RC. A systematic review of measures of HIV/AIDS stigma in paediatric HIV-infected and HIV-affected populations. *Journal of the International AIDS Society*. 2016;19(1):21204.
779. Kramer JR, Giordano TP, El-Serag HB. Effect of human immunodeficiency virus and antiretrovirals on outcomes of hepatitis C: a systematic review from an epidemiologic perspective. *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*. 2007;5(11):1321-1328.e7.
780. Menshawy A, Ismail A, Abushouk AI, Ahmed H, Menshawy E, Elmaraezy A, Gadelkarim M, Abdel-Maboud M, Attia A, Negida A. Efficacy and safety of atazanavir/ritonavir-based antiretroviral therapy for HIV-1 infected subjects: a systematic review and meta-analysis. *Archives of virology*. 2017;162(8):2181-2190.
781. Nachega JB, Uthman OA, Mofenson LM, Anderson JR, Kanters S, Renaud F, Ford N, Essajee S, Doherty MC, Mills EJ. Safety of Tenofovir Disoproxil Fumarate-Based Antiretroviral Therapy Regimens in Pregnancy for HIV-Infected Women and Their Infants: A Systematic Review and Meta-Analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2017;76(1):1-12.
782. Sloan D, Dlamini S, Paul N, Dedicoat M. Treatment of acute cryptococcal meningitis in HIV infected adults, with an emphasis on resource-limited settings. *Cochrane database of systematic reviews (Online)*. 2008;(4):CD005647.
783. Fox MP, Rosen S, Geldsetzer P, Bärnighausen T, Negussie E, Beanland R. Interventions to improve the rate or timing of initiation of antiretroviral therapy for HIV in sub-Saharan Africa: meta-analyses of effectiveness. *Journal of the International AIDS Society*. 2016;19(1):20888.
784. Amin J., De Lazzari E., Emery S., Humpheries A., Gatell J.M., Martinez E., Carr A., Cooper D.A.. Simplification with fixed-dose tenofovir-emtricitabine or abacavir-lamivudine in adults with HIV infection: Meta-analysis of two randomized, non-inferiority trials BICOMBO and STEAL. *HIV Medicine*. 2009;:25-26.
785. Farahani M, Mulinder H, Farahani A, Marlink R. Prevalence and distribution of non-AIDS causes of death among HIV-infected individuals receiving antiretroviral therapy: a systematic review and meta-analysis. *International journal of STD & AIDS*. 2016;28(7):636-650.
786. Siedner, Mark J, Ng, Courtney K, Bassett, Ingrid V, Katz, Ingrid T, Bangsberg, David R, Tsai, Alexander C. Trends in CD4 Count at Presentation to Care and Treatment Initiation in Sub-Saharan Africa, 2002–2013: A Meta-analysis. *Clinical Infectious Diseases*. 2015;60(7):1120-1127.
787. Jin ZY, Liu X, Ding YY, Zhang ZF, He N. Cancer risk factors among people living with HIV/AIDS in China: a systematic review and meta-analysis. *Scientific reports*. 2017;7(1):4890.
788. Gemedo DH, Gebretsadik LA, Dejene T, Wolde M, Sudhakar M. Determinants of non-compliance with Antiretroviral Therapy among adults living with HIV/AIDS: A Systematic Review. *JBI library of systematic reviews*. 2012;10(56):3596-3648.
789. Mbeye NM, Adetokunboh O, Negussie E, Kredo T, Wiysonge CS. Shifting tasks from pharmacy to non-pharmacy personnel for providing antiretroviral therapy to people living with HIV: a systematic review and meta-analysis. *BMJ open*. 2017;7(8):e015072.
790. Coelho AV, de Moura RR, Kamada AJ, da Silva RC, Guimarães RL, Brandão LA, de Alencar LC, Crovella S. Dendritic Cell-Based Immunotherapies to Fight HIV: How Far from a Success Story? A Systematic Review and Meta-Analysis. *International journal of molecular sciences*. 2016;17(12).

791. Hart AB, Samuels DC, Hulan T. The other genome: a systematic review of studies of mitochondrial DNA haplogroups and outcomes of HIV infection and antiretroviral therapy. *AIDS reviews*. 2013;15(4):213-20.
792. Ferguson L, Grant AD, Watson-Jones D, Kahawita T, Ong'ech JO, Ross DA. Linking women who test HIV-positive in pregnancy-related services to long-term HIV care and treatment services: a systematic review. *Tropical medicine & international health : TM & IH*. 2012;17(5):564-580.
793. Chishinga N, Godfrey-Faussett P, Fielding K, Ayles H. Effect of home-based interventions on virologic outcomes in adults receiving antiretroviral therapy in Africa: a meta-analysis. *BMC public health*. 2014;14(1):239.
794. Weinstein TL, Li X. The relationship between stress and clinical outcomes for persons living with HIV/AIDS: a systematic review of the global literature. *AIDS care*. 2015;28(2):1-10.
795. Adams JW, Watts DH, Phelps BR. A systematic review of the effect of HIV infection and antiretroviral therapy on the risk of pre-eclampsia. *International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics*. 2016;133(1):17-21.
796. Stöckl H, Kalra N, Jacobi J, Watts C. Is early sexual debut a risk factor for HIV infection among women in sub-Saharan Africa? A systematic review. *American journal of reproductive immunology (New York, N.Y. : 1989)*. 2013;69 Suppl 1(SUPPL.1):27-40.
797. Vancampfort D, Mugisha J, Richards J, De Hert M, Probst M, Stubbs B. Physical activity correlates in people living with HIV/AIDS: a systematic review of 45 studies. *Disability and rehabilitation*. 2017;;:1-12.
798. Noble M, Jones AM, Bowles K, DiNenno EA, Tregear SJ. HIV Testing Among Internet-Using MSM in the United States: Systematic Review. *AIDS and behavior*. 2016;21(2):561-575.
799. Mumtaz GR, Weiss HA, Thomas SL, Riome S, Setayesh H, Riedner G, Semini I, Tawil O, Akala FA, Wilson D, Abu-Raddad LJ. HIV among people who inject drugs in the Middle East and North Africa: systematic review and data synthesis. *PLoS medicine*. 2014;11(6):e1001663.
800. Baril JG, Angel JB, Gill MJ, Gathe J, Cahn P, van Wyk J, Walmsley S. Dual Therapy Treatment Strategies for the Management of Patients Infected with HIV: A Systematic Review of Current Evidence in ARV-Naive or ARV-Experienced, Virologically Suppressed Patients. *PloS one*. 2016;11(2):e0148231.
801. Reid S, Dwyer J. Insomnia in HIV infection: a systematic review of prevalence, correlates, and management. *Psychosomatic medicine*. 2005;67(2):260-9.
802. Jagdeo J, Ho D, Lo A, Carruthers A. A systematic review of filler agents for aesthetic treatment of HIV facial lipoatrophy (FLA). *Journal of the American Academy of Dermatology*. 2015;73(6):1040-1054.e14.
803. Kanters S, Vitoria M, Doherty M, Socias ME, Ford N, Forrest JI, Popoff E, Bansback N, Nsanzimana S, Thorlund K, Mills EJ. Comparative efficacy and safety of first-line antiretroviral therapy for the treatment of HIV infection: a systematic review and network meta-analysis. *The lancet. HIV*. 2016;3(11):e510-e520.
804. Kennedy C, Fonner V. Pre-exposure prophylaxis for men who have sex with men: a systematic review. *World Health Organization (WHO)*. 2014;
805. Peng Z, Wang S, Xu B, Wang W. Barriers and Enablers of the Prevention of Mother to Child Transmission of HIV/AIDS Program in China: A Systematic Review and Policy Implications.

- International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases. 2017;55:72-80.
806. Ioannidis JP, Cappelleri JC, Lau J, Skolnik PR, Melville B, Chalmers TC, Sacks HS. Early or deferred zidovudine therapy in HIV-infected patients without an AIDS-defining illness. *Annals of internal medicine*. 1995;122(11):856-66.
807. Sherr L, Nagra N, Kulubya G, Catalan J, Clucas C, Harding R. HIV infection associated post-traumatic stress disorder and post-traumatic growth - A systematic review. *Psychology, health & medicine*. 2011;16(5):612-29.
808. Brown TT, Qaqish RB. Antiretroviral therapy and the prevalence of osteopenia and osteoporosis: a meta-analytic review. *AIDS (London, England)*. 2006;20(17):2165-74.
809. Clumeck N, Hill A, Moecklinghoff C. Effects of switching to protease inhibitor monotherapy on nucleoside analogue-related adverse events. *AIDS reviews*. 2014;16(4):236-45.
810. Duffalo ML, James CW. Enfuvirtide: a novel agent for the treatment of HIV-1 infection. *The Annals of pharmacotherapy*. 2003;37(10):1448-56.
811. Conserve DF, Jennings L, Aguiar C, Shin G, Handler L, Maman S. Systematic review of mobile health behavioural interventions to improve uptake of HIV testing for vulnerable and key populations. *Journal of telemedicine and telecare*. 2016;23(2):347-359.
812. Bhattacharya D, Umbleja T, Carrat F, Chung RT, Peters MG, Torriani F, Andersen J, Currier JS. Women experience higher rates of adverse events during hepatitis C virus therapy in HIV infection: a meta-analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2010;55(2):170-5.
813. Handford CD, Rackal JM, Tynan AM, Rzeznikewicz D, Glazier RH. The association of hospital, clinic and provider volume with HIV/AIDS care and mortality: systematic review and meta-analysis. *AIDS care*. 2012;24(3):267-82.
814. Tran B, Nguyen L, Ohinmaa A, Maher R, Nong V, Latkin CA. Longitudinal and cross sectional assessments of health utility in adults with HIV/AIDS: a systematic review and meta-analysis. *BMC health services research*. 2015;15(1):7.
815. Behrouz R, Topel CH, Seifi A, Birnbaum LA, Brey RL, Misra V, Di Napoli M. Risk of intracerebral hemorrhage in HIV/AIDS: a systematic review and meta-analysis. *Journal of neurovirology*. 2016;22(5):634-640.
816. Tan WS, Chow EP, Fairley CK, Chen MY, Bradshaw CS, Read TR. Sensitivity of HIV rapid tests compared to fourth generation enzyme immunoassays or HIV RNA tests - a systematic review and meta-analysis. *AIDS (London, England)*. 2016;30(12):1951-60.
817. Ibekwe E, Haigh C, Duncan F, Fatoye F. Economic impact of Routine Opt-out Antenatal HIV Screening: A Systematic Review. *Journal of clinical nursing*. 2017;
818. Powderly WG, Landay A, Lederman MM. Recovery of the immune system with antiretroviral therapy: the end of opportunism?. *JAMA*. 1998;280(1):72-7.
819. Baliunas D, Rehm J, Irving H, Shuper P. Alcohol consumption and risk of incident human immunodeficiency virus infection: a meta-analysis. *International journal of public health*. 2010;55(3):159-66.
820. Abuogi LL, Smith C, McFarland EJ. Retention of HIV-Infected Children in the First 12 Months of Anti-Retroviral Therapy and Predictors of Attrition in Resource Limited Settings: A Systematic Review. *PloS one*. 2016;11(6):e0156506.

821. Abay SM, Deribe K, Reda AA, Baidgilign S, Datiko D, Assefa T, Todd M, Deribew A. The Effect of Early Initiation of Antiretroviral Therapy in TB/HIV Coinfected Patients: A Systematic Review and Meta-Analysis. *Journal of the International Association of Providers of AIDS Care*. 2015;14(6):560-70.
822. Oduwo E, Edwards SJ. A systematic review of factors affecting children's right to health in cluster randomized trials in Kenya. *Trials*. 2014;15(1):287.
823. Nandi Siegfried, Lize van der Merwe, Peter Brocklehurst, Tin Tin Sint. Antiretrovirals for reducing the risk of mother-to-child transmission of HIV infection. *Cochrane Database of Systematic Reviews*. 2011;(7):CD003510.
824. Chamla D, Luo C, Adjorlolo-Johnson G, Vandelaer J, Young M, Costales MO, McClure C. Integration of HIV infant testing into immunization programmes: a systematic review. *Paediatrics and international child health*. 2014;35(4):2046905514Y0000000169.
825. Merrick, Joav, Basinga, Paulin. Impact of highly active antiretroviral therapy on the liver in patients co-infected with HIV and HCV/HBV: A meta-analysis. *Public health yearbook*, 2010.. 2012;
826. Ford N, Venter F, Irvine C, Beanland RL, Shubber Z. Starter packs versus full prescription of antiretroviral drugs for postexposure prophylaxis: a systematic review. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2015;60 Suppl 3:S182-6.
827. Ford N, Shubber Z, Pozniak A, Vitoria M, Doherty M, Kirby C, Calmy A. Comparative Safety and Neuropsychiatric Adverse Events Associated With Efavirenz Use in First-Line Antiretroviral Therapy: A Systematic Review and Meta-Analysis of Randomized Trials. *Journal of acquired immune deficiency syndromes (1999)*. 2015;69(4):422-9.
828. Punpanich W, Groome M, Muhe L, Qazi SA, Madhi SA. Systematic review on the etiology and antibiotic treatment of pneumonia in human immunodeficiency virus-infected children. *The Pediatric infectious disease journal*. 2011;30(10):e192-202.
829. Silberstein J, Downs T, Lakin C, Kane CJ. HIV and prostate cancer: a systematic review of the literature. *Prostate cancer and prostatic diseases*. 2009;12(1):6-12.
830. Abdulhalik Workicho Bushra, Ahmed Zeynudin, Tariku Dejene, Mirkuzie Wolde, Morankar Sudhakar. Risk factors for tuberculosis after highly active antiretroviral treatment (HAART) initiation among HIV patients: A systematic review. *JB Library of Systematic Reviews*. 2012;10(55):3561-3595.
831. Zhang W, Xu JJ, Zou H, Zhang J, Wang N, Shang H. HIV incidence and associated risk factors in men who have sex with men in Mainland China: an updated systematic review and meta-analysis. *Sexual health*. 2016;13(4):373-382.
832. Guth AA. Breast cancer and human immunodeficiency virus infection: issues for the 21st century. *Journal of women's health (2002)*. 2003;12(3):227-32.
833. Darbyshire J, Foulkes M, Peto R, Duncan W, Babiker A, Collins R, Hughes M, Peto T, Walker A. Zidovudine (AZT) versus AZT plus didanosine (ddl) versus AZT plus zalcitabine (ddC) in HIV infected adults. *Cochrane database of systematic reviews (Online)*. 2000;(3):CD002038.
834. Elmahdi R, Gerver SM, Gomez Guillen G, Fidler S, Cooke G, Ward H. Low levels of HIV test coverage in clinical settings in the U.K.: a systematic review of adherence to 2008 guidelines. *Sexually transmitted infections*. 2014;90(2):119-24.

835. Surgers L, Lacombe K. Hepatotoxicity of new antiretrovirals: a systematic review. *Clinics and research in hepatology and gastroenterology*. 2013;37(2):126-33.
836. Nichols J, Steinmetz A, Paintsil E. Impact of HIV-Status Disclosure on Adherence to Antiretroviral Therapy Among HIV-Infected Children in Resource-Limited Settings: A Systematic Review. *AIDS and behavior*. 2016;21(1):59-69.
837. Oramasionwu CU, Hunter JM, Brown CM, Morse GD, Lawson KA, Koeller JM, Frei CR. Cardiovascular Disease in Blacks with HIV/AIDS in the United States: A Systematic Review of the Literature. *The open AIDS journal*. 2012;6(1):29-35.
838. Malta M, Strathdee SA, Magnanini MM, Bastos FI. Adherence to antiretroviral therapy for human immunodeficiency virus/acquired immune deficiency syndrome among drug users: a systematic review. *Addiction (Abingdon, England)*. 2008;103(8):1242-57.
839. Vidanapathirana J, Abramson MJ, Forbes A, Fairley C. Mass media interventions for promoting HIV testing. *Cochrane database of systematic reviews (Online)*. 2005;(3):CD004775.
840. Mize SJ, Robinson BE, Bockting WO, Scheltema KE. Meta-analysis of the effectiveness of HIV prevention interventions for women. *AIDS care*. 2002;14(2):163-80.
841. Kenya S, Chida N, Symes S, Shor-Posner G. Can community health workers improve adherence to highly active antiretroviral therapy in the USA? A review of the literature. *HIV medicine*. 2011;12(9):525-34.
842. Zafer M, Horvath H, Mmeje O, van der Poel S, Semprini AE, Rutherford G, Brown J. Effectiveness of semen washing to prevent human immunodeficiency virus (HIV) transmission and assist pregnancy in HIV-discordant couples: a systematic review and meta-analysis. *Fertility and sterility*. 2016;105(3):645-655.e2.
843. Ford N, Lee J, Andrieux-Meyer I, Calmy A. Safety, efficacy, and pharmacokinetics of rilpivirine: systematic review with an emphasis on resource-limited settings. *HIV/AIDS (Auckland, N.Z.)*. 2011;3:35-44.
844. Darlington CK, Hutson SP. Understanding HIV-Related Stigma Among Women in the Southern United States: A Literature Review. *AIDS and behavior*. 2016;21(1):12-26.
845. Moodley Y, Govender K. A systematic review of published literature describing factors associated with tuberculosis recurrence in people living with HIV in Africa. *African health sciences*. 2015;15(4):1239-46.
846. Hickey MD, Odeny TA, Petersen M, Neilands TB, Padian N, Ford N, Matthay Z, Hoos D, Doherty M, Beryer C, Baral S, Geng EH. Specification of implementation interventions to address the cascade of HIV care and treatment in resource-limited settings: a systematic review. *Implementation science : IS*. 2017;12(1):102.
847. Hillier SL, Louw Q, Morris L, Uwimana J, Statham S. Massage therapy for people with HIV/AIDS. *Cochrane database of systematic reviews (Online)*. 2010;(1):CD007502.
848. Liu J. The use of herbal medicines in early drug development for the treatment of HIV infections and AIDS. *Expert opinion on investigational drugs*. 2007;16(9):1355-64.
849. Jalloh MA, Gregory PJ, Hein D, Risoldi Cochrane Z, Rodriguez A. Dietary supplement interactions with antiretrovirals: a systematic review. *International journal of STD & AIDS*. 2016;28(1):4-15.
850. Wise J, Operario D. Use of electronic reminder devices to improve adherence to antiretroviral therapy: a systematic review. *AIDS patient care and STDs*. 2008;22(6):495-504.

851. Pool ER, Dogar O, Lindsay RP, Weatherburn P, Siddiqi K. Interventions for tobacco use cessation in people living with HIV and AIDS. *Cochrane Database of Systematic Reviews*. 2016;6(6):CD011120.
852. Eppenga WL, van Luin M, Richter C, Derijks HJ, De Smet PA, Wensing M. The validity of the modification of diet in renal disease formula in HIV-infected patients: a systematic review. *Journal of nephrology*. 2014;27(1):11-8.
853. Skalski L., Towe S., Sikkema K., Teitell S., Meade C.S.. Impact of marijuana use on memory in patients with HIV/AIDS: A systematic review. *Drug and Alcohol Dependence*. 2015;146((Skalski L.; Towe S.; Sikkema K.; Teitell S.; Meade C.S.) Duke University, Durham, United States):e100.
854. David A. Ross. Behavioural interventions to reduce HIV risk: what works?. *International Initiative for Impact Evaluation (3ie)*. 2010;
855. Kanters S, Socias ME, Paton NI, Vitoria M, Doherty M, Ayers D, Popoff E, Chan K, Cooper DA, Wiens MO, Calmy A, Ford N, Nsanzimana S, Mills EJ. Comparative efficacy and safety of second-line antiretroviral therapy for treatment of HIV/AIDS: a systematic review and network meta-analysis. *The lancet. HIV*. 2017;4(10):e433-e441.
856. Ciaranello AL, Walensky RP, Sax PE, Chang Y, Freedberg KA, Weissman JS. Access to medications and medical care after participation in HIV clinical trials: a systematic review of trial protocols and informed consent documents. *HIV clinical trials*. 2009;10(1):13-24.
857. Agirrezabal I, LeReun C, Eddowes LA, Kusel J, Perard R. Systematic Literature Review (Slr) And Network Meta-Analysis (Nma) Of Tenofovir/Emtricitabine (Tdf/Ftc) And Abacavir/Lamivudine (Abc/3tc) Backbone Regimens For Hiv-1. *Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research*. 2015;18(7):A577-8.
858. Ngangue P, Bedard E, Zomahoun HT, Payne-Gagnon J, Fournier C, Afounde J, Gagnon MP. Returning for HIV Test Results: A Systematic Review of Barriers and Facilitators. *International scholarly research notices*. 2016;2016:6304820.
859. Calvez V, Marcelin AG, Vingerhoets J, Hill A, Hadacek B, Moecklinghoff C. Systematic review to determine the prevalence of transmitted drug resistance mutations to rilpivirine in HIV-infected treatment-naive persons. *Antiviral therapy*. 2016;21(5):405-412.
860. Werb D, Mills EJ, Montaner JS, Wood E. Risk of resistance to highly active antiretroviral therapy among HIV-positive injecting drug users: a meta-analysis. *The Lancet infectious diseases*. 2010;10(7):464-9.
861. Ramos J. Boosted protease inhibitors as a therapeutic option in the treatment of HIV-infected children. *HIV medicine*. 2009;10(9):536-47.
862. Johnson CC, Kennedy C, Fonner V, Siegfried N, Figueroa C, Dalal S, Sands A, Baggaley R. Examining the effects of HIV self-testing compared to standard HIV testing services: a systematic review and meta-analysis. *Journal of the International AIDS Society*. 2017;20(1):1-10.
863. Cortés YI, Yin MT, Reame NK. Bone Density and Fractures in HIV-infected Postmenopausal Women: A Systematic Review. *The Journal of the Association of Nurses in AIDS Care : JANAC*. 2015;26(4):387-98.
864. Yazdanpanah Y, Sissoko D, Egger M, Mouton Y, Zwahlen M, Chêne G. Clinical efficacy of antiretroviral combination therapy based on protease inhibitors or non-nucleoside analogue reverse transcriptase inhibitors: indirect comparison of controlled trials. *BMJ (Clinical research ed.)*. 2004;328(7434):249.

865. Yan S, Chen L, Wu W, Fu Z, Zhang H, Li Z, Fu C, Mou J, Xue J, Hu Y. Early versus Delayed Antiretroviral Therapy for HIV and Tuberculosis Co-Infected Patients: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *PloS one*. 2015;10(5):e0127645.
866. Barnabas RV, Webb EL, Weiss HA, Wasserheit JN. The role of coinfections in HIV epidemic trajectory and positive prevention: a systematic review and meta-analysis. *AIDS (London, England)*. 2011;25(13):1559-73.
867. Noreña-Herrera C, Rojas CA, Cruz-Jiménez L. HIV prevalence in children and youth living on the street and subject to commercial sexual exploitation: a systematic review. *Cadernos de saude publica*. 2016;32(10):e00134315.
868. Orrskog S, Medin E, Tsolova S, Semenza JC. Causal inference regarding infectious aetiology of chronic conditions: a systematic review. *PloS one*. 2013;8(7):e68861.
869. Zou H, Fan S. Characteristics of Men Who Have Sex With Men Who Use Smartphone Geosocial Networking Applications and Implications for HIV Interventions: A Systematic Review and Meta-Analysis. *Archives of sexual behavior*. 2016;46(4):885-894.
870. Nancy S. Padian, Sandra, I. McCoy, Jennifer E. Balkus and Judith N. Wasserheit. Weighing the gold in the gold standard: Challenges in HIV prevention research. *International Initiative for Impact Evaluation (3ie)*. 2010;
871. Rumble C, Pevalin DJ, O'Moore É. Routine testing for blood-borne viruses in prisons: a systematic review. *European journal of public health*. 2015;25(6):1078-88.
872. Baggaley RF, White RG, Hollingsworth TD, Boily MC. Heterosexual HIV-1 infectiousness and antiretroviral use: systematic review of prospective studies of discordant couples. *Epidemiology (Cambridge, Mass.)*. 2013;24(1):110-21.
873. Magula N, Dedicoat M. Low dose versus high dose stavudine for treating people with HIV infection. *Cochrane Database of Systematic Reviews*. 2015;1(1):CD007497.
874. Tafesse TB, Gebru AA, Gobalee S, Bely GD, Belew MT, Arso D, Ebrahim BA, Shebeshi GM, Yimam Y. Seroprevalence and diagnosis of HIV, HBV, HCV and syphilis infections among blood donors. *Human antibodies*. 2016;25(1-2):39-55.
875. B-Lajoie MR, Drouin O, Bartlett G, Nguyen Q, Low A, Gavriilidis G, Easterbrook P, Muhe L. Incidence and prevalence of opportunistic and other infections and the impact of antiretroviral therapy among HIV-infected children in low and middle-income countries: a systematic review and meta-analysis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2016;62(12):1586-94.
876. Yi S, Tuot S, Mwai GW, Ngini C, Chhim K, Pal K, Igbiniedion E, Holland P, Choub SC, Mburu G. Awareness and willingness to use HIV pre-exposure prophylaxis among men who have sex with men in low- and middle-income countries: a systematic review and meta-analysis. *Journal of the International AIDS Society*. 2017;20(1):1-27.
877. Gengiah TN, Moosa A, Naidoo A, Mansoor LE. Adherence challenges with drugs for pre-exposure prophylaxis to prevent HIV infection. *International journal of clinical pharmacy*. 2014;36(1):70-85.
878. Sigfrid L, Murphy G, Haldane V, Chuah FLH, Ong SE, Cervero-Liceras F, Watt N, Alvaro A, Otero-Garcia L, Balabanova D, Hogarth S, Maimaris W, Buse K, Mckee M, Piot P, Perel P, Legido-Quigley H. Integrating cervical cancer with HIV healthcare services: A systematic review. *PloS one*. 2017;12(7):e0181156.

879. Marcus J, Buisker T, Horvath T, Amico K, Fuchs J, Buchbinder S, Grant R, Liu A. Helping our patients take HIV pre-exposure prophylaxis (PrEP): a systematic review of adherence interventions. *HIV medicine*. 2014;15(7):385-95.
880. Saadani Hassani A, Marston BJ, Kaplan JE. Assessment of the Impact of Cotrimoxazole Prophylaxis on Key Outcomes Among HIV-Infected Adults in Low- and Middle-Income Countries: A Systematic Review. *Journal of acquired immune deficiency syndromes (1999)*. 2015;68 Suppl 3:S257-S269.
881. Gonzalez JS, Batchelder AW, Psaros C, Safren SA. Depression and HIV/AIDS treatment nonadherence: a review and meta-analysis. *Journal of acquired immune deficiency syndromes (1999)*. 2011;58(2):181-7.
882. Verheggen B., Vandeloise E., Treur M., Thuresson P.O., Lescrauwaet B.. Comparing the efficacy and tolerability of anti-retroviral therapy in treatment-naive HIV-1 infected adults: A systematic review of randomized clinical trials and bayesian mixed treatment comparisons including Atazanavir/R, Darunavir/R, Lopinavir/R, and Efavirenz. *Value in Health*. 2011;:A265-A266.
883. Peeling RW, Sollis KA, Glover S, Crowe SM, Landay AL, Cheng B, Barnett D, Denny TN, Spira TJ, Stevens WS, Crowley S, Essajee S, Vitoria M, Ford N. CD4 enumeration technologies: a systematic review of test performance for determining eligibility for antiretroviral therapy. *PloS one*. 2015;10(3):e0115019.
884. Sterne JA, May M, Costagliola D, de Wolf F, Phillips AN, Harris R, Funk MJ, Geskus RB, Gill J, Dabis F, Miró JM, Justice AC, Ledergerber B, Fätkenheuer G, Hogg RS, Monforte AD, Saag M, Smith C, Staszewski S, Egger M, Cole SR. Timing of initiation of antiretroviral therapy in AIDS-free HIV-1-infected patients: a collaborative analysis of 18 HIV cohort studies. *Lancet*. 2009;373(9672):1352-63.
885. Rosen S, Fox MP, Gill CJ. Patient retention in antiretroviral therapy programs in sub-Saharan Africa: a systematic review. *PLoS medicine*. 2007;4(10):e298.
886. Obiero J, Mwethera PG, Wiysonge CS. Topical microbicides for prevention of sexually transmitted infections. *Cochrane Database of Systematic Reviews*. 2012;6(6):CD007961.
887. Nguyen KA, Peer N, Mills EJ, Kengne AP. A Meta-Analysis of the Metabolic Syndrome Prevalence in the Global HIV-Infected Population. *PloS one*. 2016;11(3):e0150970.
888. Hill AM, DeMasi R, Dawson D. Meta-analysis of antiretroviral effects on HIV-1 RNA, CD4 cell count and progression to AIDS or death. *Antiviral therapy*. 1998;3(3):139-45.
889. Mofenson LM, Baggaley RC, Mameletzis I. Tenofovir Disoproxil Fumarate Safety for Women and their Infants during Pregnancy and Breastfeeding: Systematic Review. *AIDS (London, England)*. 2016;31(2):213-232.
890. Zhuang X, Wang Y, Chow EP, Liang Y, Wilson DP, Zhang L. Risk factors associated with HIV/HCV infection among entrants in methadone maintenance treatment clinics in China: A systematic review and meta-analysis. *Drug and alcohol dependence*. 2012;126(3):286-95.
891. Kranzer K, Houben RM, Glynn JR, Bekker LG, Wood R, Lawn SD. Yield of HIV-associated tuberculosis during intensified case finding in resource-limited settings: a systematic review and meta-analysis. *The Lancet infectious diseases*. 2010;10(2):93-102.
892. Tang AM, Quick T, Chung M, Wanke CA. Nutrition Assessment, Counseling, and Support Interventions to Improve Health-Related Outcomes in People Living With HIV/AIDS: A

- Systematic Review of the Literature. *Journal of acquired immune deficiency syndromes (1999)*. 2015;68 Suppl 3:S340-S349.
893. Evans C, Nalubega S, McLuskey J, Darlington N, Croston M, Bath-Hextall F. The views and experiences of nurses and midwives in the provision and management of provider-initiated HIV testing and counseling: a systematic review of qualitative evidence. *JBI database of systematic reviews and implementation reports*. 2015;13(12):130-286.
 894. Feinstein MJ, Achenbach CJ, Stone NJ, Lloyd-Jones DM. A Systematic Review of the Usefulness of Statin Therapy in HIV-Infected Patients. *The American journal of cardiology*. 2015;115(12):1760-1766.
 895. Ghosh D, Krishnan A, Gibson B, Brown SE, Latkin CA, Altice FL. Social Network Strategies to Address HIV Prevention and Treatment Continuum of Care Among At-risk and HIV-infected Substance Users: A Systematic Scoping Review. *AIDS and behavior*. 2016;21(4):1183-1207.
 896. Gonçalves TR, Faria ER, Carvalho FT, Piccinini CA, Shoveller JA. Behavioral interventions to promote condom use among women living with HIV: a systematic review update. *Cadernos de saude publica*. 2017;33(1):e00202515.
 897. Bwana V.M., Frimpong C., Simulundu E., Mfinanga S.G., Mboera L.E.G., Michelo C.. Accessibility of services for early infant diagnosis of human immunodeficiency virus in Sub-Saharan Africa: A systematic review. *Tanzania Journal of Health Research*. 2016;18(3).
 898. Bruno R, Sacchi P, Maiocchi L, Zocchetti C, Filice G. Hepatotoxicity and nelfinavir: a meta-analysis. *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*. 2005;3(5):482-8.
 899. Fraser HS, Allen C, Bailey C, Douglas G, Shin S, Blaya J. Information systems for patient follow-up and chronic management of HIV and tuberculosis: a life-saving technology in resource-poor areas. *Journal of medical Internet research*. 2007;9(4):e29.
 900. Rahimi-Movaghar A, Amin-Esmaeili M, Haghdoost AA, Sadeghirad B, Mohraz M. HIV prevalence amongst injecting drug users in Iran: A systematic review of studies conducted during the decade 1998-2007. *The International journal on drug policy*. 2012;23(4):271-8.
 901. Wang H., Lu X., Yang X., Xu N.. The efficacy and safety of tenofovir alafenamide versus tenofovir disoproxil fumarate in antiretroviral regimens for HIV-1 therapy: Meta-analysis. *Medicine*. 2016;95(41):e5146.
 902. Landin L, Rodriguez-Perez JC, Garcia-Bello MA, Cavadas PC, Thione A, Nthumba P, Blanes M, Ibañez J. Kidney transplants in HIV-positive recipients under HAART. A comprehensive review and meta-analysis of 12 series. *Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association*. 2010;25(9):3106-15.
 903. Medland NA, McMahon JH, Chow EP, Elliott JH, Hoy JF, Fairley CK. The HIV care cascade: a systematic review of data sources, methodology and comparability. *Journal of the International AIDS Society*. 2015;18(1):20634.
 904. O'Brien K, Nixon S, Tynan AM, Glazier R. Aerobic exercise interventions for adults living with HIV/AIDS. *Cochrane database of systematic reviews (Online)*. 2010;(8):CD001796.
 905. Shaw S, Amico KR. Antiretroviral Therapy Adherence Enhancing Interventions for Adolescents and Young Adults 13-24 Years of Age: A Review of the Evidence Base. *Journal of acquired immune deficiency syndromes (1999)*. 2016;72(4):387-99.

906. Yun K, Xu JJ, Zhang J, Li JM, Hu QH, Chu ZX, Jiang YJ, Geng WQ, Shang H, Wang N. Female and younger subjects have lower adherence in PrEP trials: a meta-analysis with implications for the uptake of PrEP service to prevent HIV. *Sexually transmitted infections*. 2017;
907. Risher KA, Kapoor S, Daramola AM, Paz-Bailey G, Skarbinski J, Doyle K, Shearer K, Dowdy D, Rosenberg E, Sullivan P, Shah M. Challenges in the Evaluation of Interventions to Improve Engagement Along the HIV Care Continuum in the United States: A Systematic Review. *AIDS and behavior*. 2017;21(7):2101-2123.
908. Vagenas P, Azar MM, Copenhaver MM, Springer SA, Molina PE, Altice FL. The Impact of Alcohol Use and Related Disorders on the HIV Continuum of Care: a Systematic Review : Alcohol and the HIV Continuum of Care. *Current HIV/AIDS reports*. 2015;12(4):421-36.
909. Waitt CJ, Garner P, Bonnett LJ, Khoo SH, Else LJ. Is infant exposure to antiretroviral drugs during breastfeeding quantitatively important? A systematic review and meta-analysis of pharmacokinetic studies. *The Journal of antimicrobial chemotherapy*. 2015;70(7):1928-41.
910. D'Ascenzo F, Cerrato E, Biondi-Zoccai G, Moretti C, Omedè P, Sciuto F, Bollati M, Modena MG, Gaita F, Sheiban I. Acute coronary syndromes in human immunodeficiency virus patients: a meta-analysis investigating adverse event rates and the role of antiretroviral therapy. *European heart journal*. 2012;33(7):875-80.
911. Maulsby C, Millett G, Lindsey K, Kelley R, Johnson K, Montoya D, Holtgrave D. A systematic review of HIV interventions for black men who have sex with men (MSM). *BMC public health*. 2013;13(1):625.
912. Cerrato E., D'Ascenzo F., Biondi-Zoccai G., Moretti C., Omede' P., Presutti D., Cavallero E., Sheiban I., Gaita F.. Acute coronary syndromes in human immunodeficiency virus patients: A meta-analysis investigating adverse event rates and the role of antiretroviral therapy. *European Heart Journal*. 2012;:1087.
913. Powderly W, Hill A, Moecklinghoff C. Is there a higher risk of CNS adverse events for PI monotherapy versus triple therapy? A review of results from randomized clinical trials. *HIV clinical trials*. 2014;15(3):79-86.
914. Bagnis CI, Stellbrink HJ. Protease Inhibitors and Renal Function in Patients with HIV Infection: a Systematic Review. *Infectious diseases and therapy*. 2015;4(1):15-50.
915. You J, Wang H, Huang X, Qin Z, Deng Z, Luo J, Wang B, Li M. Therapy-Emergent Drug Resistance to Integrase Strand Transfer Inhibitors in HIV-1 Patients: A Subgroup Meta-Analysis of Clinical Trials. *PloS one*. 2016;11(8):e0160087.
916. Mdege ND, Chindove S. Bringing antiretroviral therapy (ART) closer to the end-user through mobile clinics and home-based ART: systematic review shows more evidence on the effectiveness and cost effectiveness is needed. *The International journal of health planning and management*. 2013;29(1):e31-47.
917. Pedro RE, Guariglia DA, Peres SB, Moraes SM. Effects of physical training for people with HIV-associated lipodystrophy syndrome: a systematic review. *The Journal of sports medicine and physical fitness*. 2016;57(5):685-694.
918. Amos, India. What is known about the post-traumatic growth experiences among people diagnosed with HIV/AIDS? A systematic review and thematic synthesis of the qualitative literature. *Counselling Psychology Review*. 2015;30(3).

919. Leyes P, Martínez E, Forga Mde T. Use of diet, nutritional supplements and exercise in HIV-infected patients receiving combination antiretroviral therapies: a systematic review. *Antiviral therapy*. 2008;13(2):149-59.
920. Olubajo B, Mitchell-Fearon K, Ogunmoroti O. A Comparative Systematic Review of the Optimal CD4 Cell Count Threshold for HIV Treatment Initiation. *Interdisciplinary perspectives on infectious diseases*. 2014;2014(no pagination):625670.
921. Hilary Barte, Tara H Horvath, George W Rutherford. Yellow fever vaccine for patients with HIV infection. *Cochrane Database of Systematic Reviews*. 2014;1(1):CD010929.
922. Wettstein C, Mugglin C, Egger M, Blaser N, Vizcaya LS, Estill J, Bender N, Davies MA, Wandeler G, Keiser O, IeDEA Southern Africa Collaboration. Missed opportunities to prevent mother-to-child-transmission: systematic review and meta-analysis. *AIDS (London, England)*. 2012;26(18):2361-73.
923. Moreira J, Varon A, Galhardo MC, Santos F, Lyra M, Castro R, Oliveira R, Lamas CC. The burden of mucormycosis in HIV-infected patients: a systematic review. *The Journal of infection*. 2016;73(3):181-8.
924. Chou R, Huffman LH, Fu R, Smits AK, Korthuis PT, US Preventive Services Task Force. Screening for HIV: a review of the evidence for the U.S. Preventive Services Task Force. *Annals of internal medicine*. 2005;143(1):55-73.
925. Berry MS, Johnson MW. Does being drunk or high cause HIV sexual risk behavior? A systematic review of drug administration studies. *Pharmacology, biochemistry, and behavior*. 2017;
926. Bellido S.J., Homeryee Cua I.. A meta-analysis on the efficacy of tenofovir in the treatment of hepatitis B in HIV Co-infected patients. *Journal of Gastroenterology and Hepatology*. 2013;:640.
927. Pérez-Molina JA, Díaz-Menéndez M, Plana MN, Zamora J, López-Vélez R, Moreno S. Very late initiation of HAART impairs treatment response at 48 and 96 weeks: results from a meta-analysis of randomized clinical trials. *The Journal of antimicrobial chemotherapy*. 2012;67(2):312-21.
928. Chow EP, Muessig KE, Yuan L, Wang Y, Zhang X, Zhao R, Sun P, Sun X, Tucker JD, Jing J, Zhang L. Risk behaviours among female sex workers in China: a systematic review and data synthesis. *PloS one*. 2015;10(3):e0120595.
929. Chang LW, Phipps WT, Kennedy GE, Rutherford GW. Antifungal interventions for the primary prevention of cryptococcal disease in adults with HIV. *Cochrane database of systematic reviews (Online)*. 2005;(3):CD004773.
930. Poorolajal J., Hooshmand E., Mahjub H., Esmailnasab N., Jenabi E.. Survival rate of AIDS disease and mortality in HIV-infected patients: a meta-analysis. *Public Health*. 2016;139:3-12.
931. Edge CL, King EJ, Dolan K, McKee M. Prisoners co-infected with tuberculosis and HIV: a systematic review. *Journal of the International AIDS Society*. 2016;19(1):20960.
932. Mesfin YM, Kibret KT, Taye A. Is protease inhibitors based antiretroviral therapy during pregnancy associated with an increased risk of preterm birth? Systematic review and a meta-analysis. *Reproductive health*. 2016;13(1):30.
933. Costiniuk CT, Fergusson DA, Doucette S, Angel JB. Discontinuation of *Pneumocystis jirovecii* pneumonia prophylaxis with CD4 count <200 cells/ μ L and virologic suppression: a systematic review. *PloS one*. 2011;6(12):e28570.

934. Brennan A.T., Long L., Useem J., Garrison L., Fox M.P.. Mortality in the First 3 Months on Antiretroviral Therapy among HIV-Positive Adults in Low- and Middle-income Countries: A Meta-analysis. *Journal of Acquired Immune Deficiency Syndromes*. 2016;73(1):1-10.
935. Reger M, Welsh R, Razani J, Martin DJ, Boone KB. A meta-analysis of the neuropsychological sequelae of HIV infection. *Journal of the International Neuropsychological Society : JINS*. 2002;8(3):410-24.
936. Wikman-Jorgensen P, Llenas-García J, Hobbins M, Ehmer J, Abellana R, Gonçalves AQ, Pérez-Porcuna TM, Ascaso C. Microscopic observation drug susceptibility assay for the diagnosis of TB and MDR-TB in HIV-infected patients: a systematic review and meta-analysis. *The European respiratory journal*. 2014;44(4):973-84.
937. Hensen B, Taoka S, Lewis JJ, Weiss HA, Hargreaves J. Systematic review of strategies to increase men's HIV-testing in sub-Saharan Africa. *AIDS (London, England)*. 2014;28(14):2133-45.
938. Seminari E, De Silvestri A, Boschi A, Tinelli C. CD4+ guided antiretroviral treatment interruption in HIV infection: a meta-analysis. *AIDS reviews*. 2008;10(4):236-44.
939. Jiang J, Yang X, Ye L, Zhou B, Ning C, Huang J, Liang B, Zhong X, Huang A, Tao R, Cao C, Chen H, Liang H. Pre-exposure prophylaxis for the prevention of HIV infection in high risk populations: a meta-analysis of randomized controlled trials. *PloS one*. 2014;9(2):e87674.
940. Watkins DA, Tulloch NL, Anderson ME, Barnhart S, Steyn K, Levitt NS. Delivery of health care for cardiovascular and metabolic diseases among people living with HIV/AIDS in African countries: a systematic review protocol. *Systematic reviews*. 2016;5(1):63.
941. John GC, Richardson BA, Nduati RW, Mbori-Ngacha D, Kreiss JK. Timing of breast milk HIV-1 transmission: a meta-analysis. *East African medical journal*. 2001;78(2):75-9.
942. Bavinger C, Bendavid E, Niehaus K, Olshen RA, Olkin I, Sundaram V, Wein N, Holodniy M, Hou N, Owens DK, Desai M. Risk of cardiovascular disease from antiretroviral therapy for HIV: a systematic review. *PloS one*. 2013;8(3):e59551.
943. Suksomboon N, Poolsup N, Ket-Aim S. Systematic review of the efficacy of antiretroviral therapies for reducing the risk of mother-to-child transmission of HIV infection. *Journal of clinical pharmacy and therapeutics*. 2007;32(3):293-311.
944. Yu MH, Gong H, Guo Y, Dong XY. [Meta-analysis on the positive rate of HIV among MSM with bathhouse as the major venue of sexual practice]. *Zhonghua liu xing bing xue za zhi = Zhonghua liuxingbingxue zazhi*. 2016;37(8):1152-8.
945. Smith DJ, Jordan AE, Frank M, Hagan H. Spontaneous viral clearance of hepatitis C virus (HCV) infection among people who inject drugs (PWID) and HIV-positive men who have sex with men (HIV+ MSM): a systematic review and meta-analysis. *BMC infectious diseases*. 2016;16(1):471.
946. Aung E, Blondell SJ, Durham J. Interventions for Increasing HIV Testing Uptake in Migrants: A Systematic Review of Evidence. *AIDS and behavior*. 2017;21(10):2844-2859.
947. Martinello M., Amin J., Matthews G.V., Dore G.J.. Prevalence and disease burden of HCV coinfection in HIV cohorts in the Asia pacific region: A systematic review and meta-analysis. *AIDS Reviews*. 2016;18(2):69-80.
948. Almeida LB, Giudici KV, Jaime PC. [Dietary intake and dyslipidemia arising from combination antiretroviral therapy for HIV infection: a systematic review]. *Arquivos brasileiros de endocrinologia e metabologia*. 2009;53(5):519-27.

949. Bispo S., Chikhungu L., Rollins N., Siegfried N., Newell M.L.. Postnatal HIV transmission in breastfed infants of HIV-infected women on ART: A systematic review and meta-analysis. *Journal of the International AIDS Society*. 2017;20(1):1-8.
950. Bucher HC, Kofler A, Nuesch R, Young J, Battegay M, Opravil M. Meta-analysis of randomized controlled trials of simplified versus continued protease inhibitor-based antiretroviral therapy in HIV-1-infected patients. *AIDS (London, England)*. 2003;17(17):2451-9.
951. Berhan A, Berhan Y. Virologic response to tipranavir-ritonavir or darunavir-ritonavir based regimens in antiretroviral therapy experienced HIV-1 patients: a meta-analysis and meta-regression of randomized controlled clinical trials. *PloS one*. 2013;8(4):e60814.
952. Earl, Allison, Albarracín, Dolores. 'Nature, decay, and spiraling of the effects of fear-inducing arguments and HIV counseling and testing: A meta-analysis of the short- and long-term outcomes of HIV-prevention interventions': Correction to Earl and Albarracín (2007). *Health Psychology*. 2007;26(6).
953. Lu J, Xu J, Reilly KH, Li Y, Zhang CM, Jiang Y, Geng W, Wang L, Shang H. The proportion and trend of human immunodeficiency virus infections associated with men who have sex with men from Chinese voluntary blood donors: a systematic review and meta-analysis. *Transfusion*. 2014;55(3):576-585.
954. Zeng L, Zhang L. Efficacy and safety of zinc supplementation for adults, children and pregnant women with HIV infection: systematic review. *Tropical medicine & international health : TM & IH*. 2011;16(12):1474-82.
955. Higa DH, Marks G, Crepaz N, Liao A, Lyles CM. Interventions to improve retention in HIV primary care: a systematic review of U.S. studies. *Current HIV/AIDS reports*. 2012;9(4):313-25.
956. Kanters S, Park JJ, Chan K, Socias ME, Ford N, Forrest JI, Thorlund K, Nachega JB, Mills EJ. Interventions to improve adherence to antiretroviral therapy: a systematic review and network meta-analysis. *The lancet. HIV*. 2016;4(1):e31-e40.
957. Almeida EA, Ramos Júnior AN, Correia D, Shikanai-Yasuda MA. Co-infection *Trypanosoma cruzi*/HIV: systematic review (1980-2010). *Revista da Sociedade Brasileira de Medicina Tropical*. 2011;44(6):762-70.
958. Pellowski JA, Kalichman SC. Recent advances (2011-2012) in technology-delivered interventions for people living with HIV. *Current HIV/AIDS reports*. 2012;9(4):326-34.
959. Malta M, Magnanini MM, Strathdee SA, Bastos FI. Adherence to antiretroviral therapy among HIV-infected drug users: a meta-analysis. *AIDS and behavior*. 2010;14(4):731-47.
960. Torre D, Tambini R, Speranza F. Nevirapine or efavirenz combined with two nucleoside reverse transcriptase inhibitors compared to HAART: a meta-analysis of randomized clinical trials. *HIV clinical trials*. 2001;2(2):113-21.
961. Beckham SW, Beyrer C, Luckow P, Doherty M, Negussie EK, Baral SD. Marked sex differences in all-cause mortality on antiretroviral therapy in low- and middle-income countries: a systematic review and meta-analysis. *Journal of the International AIDS Society*. 2016;19(1):21106.
962. Hoff CC, Campbell CK, Chakravarty D, Darbes LA. Relationship-Based Predictors of Sexual Risk for HIV Among MSM Couples: A Systematic Review of the Literature. *AIDS and behavior*. 2016;20(12):2873-2892.
963. Lesko CR, Cole SR, Zinski A, Poole C, Mugavero MJ. A systematic review and meta-regression of temporal trends in adult CD4(+) cell count at presentation to HIV care, 1992-2011. *Clinical*

- infectious diseases : an official publication of the Infectious Diseases Society of America. 2013;57(7):1027-37.
964. Johnson CC, Fonner V, Sands A, Ford N, Obermeyer CM, Tsui S, Wong V, Baggaley R. To err is human, to correct is public health: a systematic review examining poor quality testing and misdiagnosis of HIV status. *Journal of the International AIDS Society*. 2017;20(Suppl 6):7-18.
965. Kennedy CE, Haberlen SA, Narasimhan M. Integration of sexually transmitted infection (STI) services into HIV care and treatment services for women living with HIV: a systematic review. *BMJ open*. 2017;7(6):e015310.
966. Hernandez AV, Thota P, Pellegrino D, Pasupuleti V, Benites-Zapata VA, Deshpande A, Penalva de Oliveira AC, Vidal JE. A systematic review and meta-analysis of the relative efficacy and safety of treatment regimens for HIV-associated cerebral toxoplasmosis: is trimethoprim-sulfamethoxazole a real option?. *HIV medicine*. 2016;18(2):115-124.
967. Sheehan DM, Trepka MJ, Dillon FR. Latinos in the United States on the HIV/AIDS care continuum by birth country/region: a systematic review of the literature. *International journal of STD & AIDS*. 2015;26(1):1-12.
968. Nalubega, Sylvia, Evans, Catrin. Participant views and experiences of participating in HIV research in sub-Saharan Africa: a qualitative systematic review. *JB I Database of Systematic Reviews and Implementation Reports*. 2015;13(5):330-420.
969. Habib AG, Yakasai AM, Owolabi LF, Ibrahim A, Habib ZG, Gudaji M, Karaye KM, Ibrahim DA, Nashabaru I. Neurocognitive impairment in HIV-1-infected adults in Sub-Saharan Africa: a systematic review and meta-analysis. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2013;17(10):e820-31.
970. Bartlett JA, DeMasi R, Quinn J, Moxham C, Rousseau F. Overview of the effectiveness of triple combination therapy in antiretroviral-naïve HIV-1 infected adults. *AIDS (London, England)*. 2001;15(11):1369-77.
971. Chou R, Selph S, Dana T, Bougatsos C, Zakher B, Blazina I, Korthuis PT. Screening for HIV: Systematic Review to Update the U.S. Preventive Services Task Force Recommendation. *U.S. Preventive Services Task Force Evidence Syntheses, formerly Systematic Evidence Reviews*. 2012;
972. Guo Z., Qiu M., Wang D., Ju W., He X.. Incidence of infections in people with hiv/aids compared with immunosuppressed transplant recipients: A meta-analysis. *Transplantation*. 2014;:777.
973. Saberi P, Johnson MO. Technology-based self-care methods of improving antiretroviral adherence: a systematic review. *PloS one*. 2011;6(11):e27533.
974. Almeida M., Gibbs J., Estcourt C.. Are geosocial networking (GSN) apps associated with increased risk of STIs & HIV: A systematic review. *Sexually Transmitted Infections*. 2016;:A19.
975. Stangl AL, Lloyd JK, Brady LM, Holland CE, Baral S. A systematic review of interventions to reduce HIV-related stigma and discrimination from 2002 to 2013: how far have we come?. *Journal of the International AIDS Society*. 2013;16(3 Suppl 2):18734.
976. Moreira J.A.S., Freitas D.F.S., Lamas C.C.. The impact of sporotrichosis in HIV-infected patients: a systematic review. *Infection*. 2015;43((Moreira J.A.S., jose.moreira@ipecc.fiocruz.br; Freitas D.F.S.; Lamas C.C., cristianelamas@gmail.com) Instituto Nacional de Infectologia Evandro Chagas, Fundacao Oswaldo Cruz, Rio de Janeiro, Brazil):267-76.
977. Puchalski Ritchie LM, van Lettow M, Hosseinipour MC, Rosenberg NE, Phiri S, Landes M, Cataldo F, Straus SE, PURE consortium. The effectiveness of interventions to improve uptake

- and retention of HIV-infected pregnant and breastfeeding women and their infants in prevention of mother-to-child transmission care programs in low- and middle-income countries: protocol for a systematic review and meta-analysis. *Systematic reviews*. 2015;4(1):144.
978. Simoni JM, Montgomery A, Martin E, New M, Demas PA, Rana S. Adherence to antiretroviral therapy for pediatric HIV infection: a qualitative systematic review with recommendations for research and clinical management. *Pediatrics*. 2007;119(6):e1371-83.
979. Trapero-Bertran M, Oliva-Moreno J. Economic impact of HIV/AIDS: a systematic review in five European countries. *Health economics review*. 2014;4(1):15.
980. Wood E, Kerr T, Rowell G, Montaner JS, Phillips P, Korthuis PT, Simel DL. Does this adult patient have early HIV infection?: The Rational Clinical Examination systematic review. *JAMA : the journal of the American Medical Association*. 2014;312(3):278-85.
981. Yu W, Wang L, Han N, Zhang X, Mahapatra T, Mahapatra S, Babu GR, Tang W, Detels R, Zhao J. Pre-exposure prophylaxis of HIV: A right way to go or a long way to go?. *Artificial cells, nanomedicine, and biotechnology*. 2014;44(1):1-8.
982. Sexton J, Garnett G, Røttingen JA. Metaanalysis and metaregression in interpreting study variability in the impact of sexually transmitted diseases on susceptibility to HIV infection. *Sexually transmitted diseases*. 2005;32(6):351-7.
983. Serena Brusamento, Elena Ghanotakis, Lorainne Tudor Car, Michelle HMMT van-Velthoven, Azeem Majeed, Josip Car. Male involvement for increasing the effectiveness of prevention of mother-to-child HIV transmission (PMTCT) programmes. *Cochrane Database of Systematic Reviews*. 2011;10(11):CD009468.
984. Sturt AS, Dokubo EK, Sint TT. Antiretroviral therapy (ART) for treating HIV infection in ART-eligible pregnant women. *Cochrane database of systematic reviews (Online)*. 2010;3(3):CD008440.
985. Ford N, Shubber Z, Saranchuk P, Pathai S, Durier N, O'Brien DP, Mills EJ, Pascual F, Hoen E', Holland GN, Heiden D. Burden of HIV-related cytomegalovirus retinitis in resource-limited settings: a systematic review. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2013;57(9):1351-61.
986. Leidel S, Wilson S, McConigley R, Boldy D, Girdler S. Health-care providers' experiences with opt-out HIV testing: a systematic review. *AIDS care*. 2015;27(12):1-13.
987. Staszewski S, Hill AM, Bartlett J, Eron JJ, Katlama C, Johnson J, Sawyer W, McDade H. Reductions in HIV-1 disease progression for zidovudine/lamivudine relative to control treatments: a meta-analysis of controlled trials. *AIDS (London, England)*. 1997;11(4):477-83.
988. Lawrence Mbuagbaw, Chenglin Ye, Lehana Thabane. Motivational interviewing for improving outcomes in youth living with HIV. *Cochrane Database of Systematic Reviews*. 2012;9(9):CD009748.
989. O'Brien KK, Tynan AM, Nixon SA, Glazier RH. Effectiveness of aerobic exercise for adults living with HIV: systematic review and meta-analysis using the Cochrane Collaboration protocol. *BMC infectious diseases*. 2016;16(1):182.
990. Cerrato E., D'Ascenzo F., Biondi-Zoccai G., Moretti C., Omede P., Sciuto F., Bollati M., Sheiban I., Gaita F.. Acute coronary syndromes in human immunodeficiency virus patients: A meta-analysis investigating adverse event rates and the role of antiretroviral therapy. *EuroIntervention*. 2012;:N98.

991. Chowers MY, Gottesman BS, Leibovici L, Pielmeier U, Andreassen S, Paul M. Reporting of adverse events in randomized controlled trials of highly active antiretroviral therapy: systematic review. *The Journal of antimicrobial chemotherapy*. 2009;64(2):239-50.
992. Clifford G.M., de Vuyst H., Tenet V., Plummer M., Tully S., Franceschi S.. Effect of HIV Infection on Human Papillomavirus Types Causing Invasive Cervical Cancer in Africa. *Journal of Acquired Immune Deficiency Syndromes*. 2016;73(3):332-339.
993. Lutge EE, Gray A, Siegfried N. The medical use of cannabis for reducing morbidity and mortality in patients with HIV/AIDS. *Cochrane Database of Systematic Reviews*. 2013;4(4):CD005175.
994. Agyeman AA, Ofori-Asenso R. Prevalence of HIV and hepatitis B coinfection in Ghana: a systematic review and meta-analysis. *AIDS research and therapy*. 2016;13(1):23.
995. Montagnani C, Chiappini E, Bonsignori F, Galli L, de Martino M. Long-term effect of highly active antiretroviral therapy on immunologic features in children. *The Pediatric infectious disease journal*. 2015;34(5 Suppl 1):S3-6.
996. Ivers LC, Kendrick D, Doucette K. Efficacy of antiretroviral therapy programs in resource-poor settings: a meta-analysis of the published literature. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2005;41(2):217-24.
997. Gutierrez J, Albuquerque ALA, Falzon L. HIV infection as vascular risk: A systematic review of the literature and meta-analysis. *PloS one*. 2017;12(5):e0176686.
998. Cooper RD, Wiebe N, Smith N, Keiser P, Naicker S, Tonelli M. Systematic review and meta-analysis: renal safety of tenofovir disoproxil fumarate in HIV-infected patients. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2010;51(5):496-505.
999. Oluwatoyin F Gbabe, Charles I Okwundu, Martin Dedicoat, Esther E Freeman. Treatment of severe or progressive Kaposi's sarcoma in HIV-infected adults. *Cochrane Database of Systematic Reviews*. 2014;8(9):CD003256.
1000. Tepper NK, Curtis KM, Nanda K, Jamieson DJ. Safety of intrauterine devices among women with HIV: a systematic review. *Contraception*. 2016;94(6):713-724.
1001. Cota GF, de Sousa MR, Rabello A. Predictors of visceral leishmaniasis relapse in HIV-infected patients: a systematic review. *PLoS neglected tropical diseases*. 2011;5(6):e1153.
1002. Yates T, Lantagne D, Mintz E, Quick R. The Impact of Water, Sanitation, and Hygiene Interventions on the Health and Well-Being of People Living With HIV: A Systematic Review. *Journal of acquired immune deficiency syndromes (1999)*. 2015;68 Suppl 3:S318-S330.
1003. Houlihan CF, Larke NL, Watson-Jones D, Smith-McCune KK, Shiboski S, Gravitt PE, Smith JS, Kuhn L, Wang C, Hayes R. Human papillomavirus infection and increased risk of HIV acquisition. A systematic review and meta-analysis. *AIDS (London, England)*. 2012;26(17):2211-22.
1004. Taieb F, Madec Y, Cournil A, Delaporte E. Virological success after 12 and 24 months of antiretroviral therapy in sub-Saharan Africa: Comparing results of trials, cohorts and cross-sectional studies using a systematic review and meta-analysis. *PloS one*. 2017;12(4):e0174767.
1005. Boily MC, Baggaley RF, Wang L, Masse B, White RG, Hayes RJ, Alary M. Heterosexual risk of HIV-1 infection per sexual act: systematic review and meta-analysis of observational studies. *The Lancet infectious diseases*. 2009;9(2):118-29.

1006. Vieira MC, Kumar RN, Jansen JP. Comparative effectiveness of efavirenz, protease inhibitors, and raltegravir-based regimens as first-line treatment for HIV-infected adults: a mixed treatment comparison. *HIV clinical trials*. 2011;12(4):175-89.
1007. Huebner DM, Perry NS. Do Behavioral Scientists Really Understand HIV-Related Sexual Risk Behavior? A Systematic Review of Longitudinal and Experimental Studies Predicting Sexual Behavior. *Archives of sexual behavior*. 2015;44(7):1915-36.
1008. Harris R.A., Xue X., Selwyn P.A.. Housing stability and medication adherence among HIV-positive individuals in antiretroviral therapy: A meta-analysis of observational studies in the United States. *Journal of Acquired Immune Deficiency Syndromes*. 2017;74(3):309-317.
1009. Granich R, Gupta S, Hall I, Aberle-Grasse J, Hader S, Mermin J. Status and methodology of publicly available national HIV care continua and 90-90-90 targets: A systematic review. *PLoS medicine*. 2017;14(4):e1002253.
1010. Wang L, Mao X., Meng Y., Peng L.-H., Sun X., Jing Y.-Y., Liu G.-J., Li Y.-P.. Effectiveness and safety of combination therapy of zidovudine and lamivudine for preventing the risk of mother-to-child transmission of HIV: A systematic review. *Chinese Journal of Evidence-Based Medicine*. 2007;7(7):487-495.
1011. Feelemyer J, Des Jarlais D, Arasteh K, Uusküla A. Adherence to Antiretroviral Medications Among Persons Who Inject Drugs in Transitional, Low and Middle Income Countries: An International Systematic Review. *AIDS and behavior*. 2014;19(4):575-83.
1012. Hatcher AM, Smout EM, Turan JM, Christofides N, Stöckl H. Intimate partner violence and engagement in HIV care and treatment among women: a systematic review and meta-analysis. *AIDS (London, England)*. 2015;29(16):2183-94.
1013. Leach LL, Bassett SH, Smithdorf G, Andrews BS, Travill AL. A Systematic Review of the Effects of Exercise Interventions on Body Composition in HIV+ Adults. *The open AIDS journal*. 2015;9:66-79.
1014. MacPherson P, Munthali C, Ferguson J, Armstrong A, Kranzer K, Ferrand RA, Ross DA. Service delivery interventions to improve adolescents' linkage, retention and adherence to antiretroviral therapy and HIV care. *Tropical medicine & international health : TM & IH*. 2015;20(8):1015-32.
1015. Njei B, McCarty TR, Luk J, Ewelukwa O, Ditah I, Lim JK. Use of Transient Elastography in Patients with HIV-HCV Co-infection: A Systematic Review and Meta-analysis. *Journal of gastroenterology and hepatology*. 2016;31(10):1684-1693.
1016. Gliddon HD, Peeling RW, Kamb ML, Toskin I, Wi TE, Taylor MM. A systematic review and meta-analysis of studies evaluating the performance and operational characteristics of dual point-of-care tests for HIV and syphilis. *Sexually transmitted infections*. 2017;
1017. Uthman OA, Oladimeji O, Nduka C. Adherence to antiretroviral therapy among HIV-infected prisoners: a systematic review and meta-analysis. *AIDS care*. 2016;29(4):1-9.
1018. Ford N, Shubber Z, Calmy A, Irvine C, Rapparini C, Ajose O, Beanland RL, Vitoria M, Doherty M, Mayer KH. Choice of antiretroviral drugs for postexposure prophylaxis for adults and adolescents: a systematic review. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2015;60 Suppl 3:S170-6.
1019. Zanoni BC, Archary M, Buchan S, Katz IT, Haberer JE. Systematic review and meta-analysis of the adolescent HIV continuum of care in South Africa: the Cresting Wave. *BMJ global health*. 2016;1(3):e000004.

1020. S. Bastien, L.J. Kajula & W.W. Muhwezi. A review of studies of parent-child communication about sexuality and HIV/AIDS in sub-Saharan Africa. *International Initiative for Impact Evaluation (3ie)*. 2011;
1021. Fernández-Cruz AL, Fellows LK. The electrophysiology of neuroHIV: A systematic review of EEG and MEG studies in people with HIV infection since the advent of highly-active antiretroviral therapy. *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*. 2017;128(6):965-976.
1022. Kennedy CE, Fonner VA, Sweat MD, Okero FA, Baggaley R, O'Reilly KR. Provider-initiated HIV testing and counseling in low- and middle-income countries: a systematic review. *AIDS and behavior*. 2012;17(5):1571-90.
1023. Rosen S, Fox MP. Retention in HIV care between testing and treatment in sub-Saharan Africa: a systematic review. *PLoS medicine*. 2011;8(7):e1001056.
1024. Kamath, Veena, Limaye, Rupali J.. Voluntary medical male circumcision for HIV prevention and early resumption of sexual activity: A literature review. *AIDS Care*. 2015;27(8).
1025. Damm O., Scholz S., Greiner W.. Systematic review of studies estimating the cost-effectiveness of HIV pre-exposure prophylaxis (PREP) in men who have sex with men (MSM). *Value in Health*. 2016;:A417.
1026. Kredo T, Van der Walt JS, Siegfried N, Cohen K. Therapeutic drug monitoring of antiretrovirals for people with HIV. *Cochrane database of systematic reviews (Online)*. 2009;(3):CD007268.
1027. le Roux SM, Abrams EJ, Nguyen K, Myer L. Clinical outcomes of HIV-exposed, HIV-uninfected children in sub-Saharan Africa. *Tropical medicine & international health : TM & IH*. 2016;21(7):829-45.
1028. McKoy JM, Bennett CL, Scheetz MH, Differding V, Chandler KL, Scarsi KK, Yarnold PR, Sutton S, Palella F, Johnson S, Obadina E, Raisch DW, Parada JP. Hepatotoxicity associated with long-versus short-course HIV-prophylactic nevirapine use: a systematic review and meta-analysis from the Research on Adverse Drug events And Reports (RADAR) project. *Drug safety : an international journal of medical toxicology and drug experience*. 2009;32(2):147-58.
1029. Merlin JS, Bulls HW, Vucovich LA, Edelman EJ, Starrels JL. Pharmacologic and non-pharmacologic treatments for chronic pain in individuals with HIV: a systematic review. *AIDS care*. 2016;28(12):1-10.
1030. Springer SA, Dushaj A, Azar MM. The Impact of DSM-IV Mental Disorders on Adherence to Combination Antiretroviral Therapy Among Adult Persons Living with HIV/AIDS: A Systematic Review. *AIDS and behavior*. 2012;16(8):2119-43.
1031. Chen NE, Gallant JE, Page KR. A Systematic Review of HIV/AIDS Survival and Delayed Diagnosis Among Hispanics in the United States. *Journal of immigrant and minority health / Center for Minority Public Health*. 2012;14(1):65-81.
1032. Alemayehu M, Wubshet M, Mesfin N. Magnitude of visceral leishmaniasis and poor treatment outcome among HIV patients: meta-analysis and systematic review. *HIV/AIDS (Auckland, N.Z.)*. 2016;8:75-81.
1033. Marta R. Durantini, Dolores Albarracin, Amy L. Mitchell, Allison N. Earl and Jeffrey C. Gillette. Conceptualizing the influence of social agents of behavior change: A meta-analysis of the effectiveness of HIV-prevention interventionists for different groups. *International Initiative for Impact Evaluation (3ie)*. 2006;

1034. Mylona EE, Baraboutis IG, Lekakis LJ, Georgiou O, Papastamopoulos V, Skoutelis A. Multicentric Castleman's disease in HIV infection: a systematic review of the literature. *AIDS reviews*. 2008;10(1):25-35.
1035. Wiysonge CS, Shey MS, Shang J, Kongnyuy EJ, Brocklehurst P. Vaginal microbicides for preventing mother-to-child transmission of HIV infection--no evidence of an effect or evidence of no effect?. *South African medical journal = Suid-Afrikaanse tydskrif vir geneeskunde*. 2007;97(7):530-3.
1036. Mayer J.E., Fontelo P.. Meta-analysis on the effect of text message reminders for HIV-related compliance. *AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV*. 2016;29(4):1-9.
1037. Westreich D, Rosenberg M, Schwartz S, Swamy G. Representation of women and pregnant women in HIV research: a limited systematic review. *PLoS one*. 2013;8(8):e73398.
1038. Siegfried N, Uthman OA, Rutherford GW. Optimal time for initiation of antiretroviral therapy in asymptomatic, HIV-infected, treatment-naive adults. *Cochrane database of systematic reviews (Online)*. 2010;3(3):CD008272.
1039. Platt L, Grenfell P, Fletcher A, Sorhaindo A, Jolley E, Rhodes T, Bonell C. Systematic review examining differences in HIV, sexually transmitted infections and health-related harms between migrant and non-migrant female sex workers. *Sexually transmitted infections*. 2013;89(4):311-9.
1040. Bernard C, Dabis F, de Rekeneire N. Physical function, grip strength and frailty in people living with HIV in sub-Saharan Africa: systematic review. *Tropical medicine & international health : TM & IH*. 2017;22(5):516-525.
1041. Whembolua GL, Conserve DF, Thomas K, Handler L. A Systematic Review of HIV Serostatus Disclosure Among African Immigrants in Europe. *Journal of immigrant and minority health / Center for Minority Public Health*. 2016;19(4):947-958.
1042. Harding R, Karus D, Easterbrook P, Raveis VH, Higginson IJ, Marconi K. Does palliative care improve outcomes for patients with HIV/AIDS? A systematic review of the evidence. *Sexually transmitted infections*. 2005;81(1):5-14.
1043. Ayubi E, Doosti-Irani A, Sanjari Moghaddam A, Sani M, Nazarzadeh M, Mostafavi E. The Clinical Usefulness of Tuberculin Skin Test versus Interferon-Gamma Release Assays for Diagnosis of Latent Tuberculosis in HIV Patients: A Meta-Analysis. *PLoS one*. 2016;11(9):e0161983.
1044. Becquet R, Marston M, Dabis F, Moulton LH, Gray G, Coovadia HM, Essex M, Ekouevi DK, Jackson D, Coutoudis A, Kilewo C, Leroy V, Wiktor SZ, Nduati R, Msellati P, Zaba B, Ghys PD, Newell ML, UNAIDS Child Survival Group. Children who acquire HIV infection perinatally are at higher risk of early death than those acquiring infection through breastmilk: a meta-analysis. *PLoS one*. 2012;7(2):e28510.
1045. Kalichman SC, Pellowski J, Turner C. Prevalence of sexually transmitted co-infections in people living with HIV/AIDS: systematic review with implications for using HIV treatments for prevention. *Sexually transmitted infections*. 2011;87(3):183-90.
1046. Bolsewicz K, Debattista J, Vallely A, Whittaker A, Fitzgerald L. Factors associated with antiretroviral treatment uptake and adherence: a review. Perspectives from Australia, Canada, and the United Kingdom. *AIDS care*. 2015;27(12):1-10.

1047. Bernard C, Dabis F, de Rekeneire N. Prevalence and factors associated with depression in people living with HIV in sub-Saharan Africa: A systematic review and meta-analysis. *PloS one*. 2017;12(8):e0181960.
1048. Lazarus JV, Sihvonon-Riemenschneider H, Laukamm-Josten U, Wong F, Liljestrand J. Systematic review of interventions to prevent the spread of sexually transmitted infections, including HIV, among young people in Europe. *Croatian medical journal*. 2010;51(1):74-84.
1049. Yuen WW, Tran L, Wong CK, Holroyd E, Tang CS, Wong WC. Psychological health and HIV transmission among female sex workers: a systematic review and meta-analysis. *AIDS care*. 2016;28(7):1-9.
1050. Rutherford GW, Sangani PR, Kennedy GE. Three- or four- versus two-drug antiretroviral maintenance regimens for HIV infection. *Cochrane database of systematic reviews (Online)*. 2003;(4):CD002037.
1051. Sturm LP, Cooter RD, Mutimer KL, Graham JC, Maddern GJ. A systematic review of permanent and semipermanent dermal fillers for HIV-associated facial lipoatrophy. *AIDS patient care and STDs*. 2009;23(9):699-714.
1052. Ndugwa Kabwama S, Berg-Beckhoff G. The association between HIV/AIDS-related knowledge and perception of risk for infection: a systematic review. *Perspectives in public health*. 2015;135(6):299-308.
1053. Mario Cruciani, Carlo Mengoli, Giovanni Serpelloni, Saverio G Parisi, Marina Malena, Oliviero Bosco. Abacavir-based triple nucleoside regimens for maintenance therapy in patients with HIV. *Cochrane Database of Systematic Reviews*. 2013;6(6):CD008270.
1054. Gesesew HA, Ward P, Hajito KW, Feyissa GT, Mohammadi L, Mwanri L. Discontinuation from Antiretroviral Therapy: A Continuing Challenge among Adults in HIV Care in Ethiopia: A Systematic Review and Meta-Analysis. *PloS one*. 2017;12(1):e0169651.
1055. Mashamba-Thompson TP, Sartorius B, Thabane L, Shi CX, Drain PK. Impact of point-of-care diagnostics on maternal outcomes in HIV-infected women: systematic review and meta-analysis protocol. *BMJ open*. 2016;6(1):e008002.
1056. Oramasionwu CU, Koeller JM, Lawson KA, Brown CM, Morse GD, Frei CR. The state of disparities in opportunistic infection prophylaxis for blacks with HIV/AIDS. *Medical care*. 2012;50(11):920-7.
1057. Ssemwanga D, Lihana RW, Ugoji C, Abimiku A, Nkengasong J, Dakum P, Ndembu N. Update on HIV-1 acquired and transmitted drug resistance in Africa. *AIDS reviews*. 2015;17(1):3-20.
1058. Brown PA, Angel JB. Granulocyte-macrophage colony-stimulating factor as an immune-based therapy in HIV infection. *Journal of immune based therapies and vaccines*. 2005;3(1):3.
1059. Chou R, Smits AK, Huffman LH, Fu R, Korthuis PT, US Preventive Services Task Force. Prenatal screening for HIV: A review of the evidence for the U.S. Preventive Services Task Force. *Annals of internal medicine*. 2005;143(1):38-54.
1060. Arrivé E, Newell ML, Ekouevi DK, Chaix ML, Thiebaut R, Masquelier B, Leroy V, Perre PV, Rouzioux C, Dabis F, Ghent Group on HIV in Women and Children. Prevalence of resistance to nevirapine in mothers and children after single-dose exposure to prevent vertical transmission of HIV-1: a meta-analysis. *International journal of epidemiology*. 2007;36(5):1009-21.
1061. Abubakar A, Van Baar A, Van de Vijver FJ, Holding P, Newton CR. Paediatric HIV and neurodevelopment in sub-Saharan Africa: a systematic review. *Tropical medicine & international health : TM & IH*. 2008;13(7):880-7.

1062. Niu L, Luo D, Liu Y, Silenzio VM, Xiao S. The Mental Health of People Living with HIV in China, 1998-2014: A Systematic Review. *PloS one*. 2016;11(4):e0153489.
1063. Omar Galárraga, M. Arantxa Colchero, Richard G. Wamai and Stefano M. Bertozzi. HIV prevention cost-effectiveness: A systematic review. *International Initiative for Impact Evaluation (3ie)*. 2009;
1064. Soon GG, Min M, Struble KA, Chan-Tack KM, Hammerstrom T, Qi K, Zhou S, Bhore R, Murray JS, Birnkrant DB. Meta-Analysis of Gender Differences in Efficacy Outcomes for HIV-Positive Subjects in Randomized Controlled Clinical Trials of Antiretroviral Therapy (2000-2008). *AIDS patient care and STDs*. 2012;26(8):444-53.
1065. Wright, Nicola, Akhtar, Athfah, Tosh, Graeme E, Clifton, Andrew V. HIV prevention advice for people with serious mental illness. *Cochrane Database of Systematic Reviews*. 2016;9:CD009639.
1066. Chow D, Shikuma C, Ritchings C, Guo M, Rosenblatt L. Atazanavir and Cardiovascular Risk Among Human Immunodeficiency Virus-Infected Patients: A Systematic Review. *Infectious diseases and therapy*. 2016;5(4):473-489.
1067. Tengan FM, Abdala E, Nascimento M, Bernardo WM, Barone AA. Prevalence of hepatitis B in people living with HIV/AIDS in Latin America and the Caribbean: a systematic review and meta-analysis. *BMC infectious diseases*. 2017;17(1):587.
1068. Tamara Kredo, Folasade B Adeniyi, Moses Bateganya, Elizabeth D Pienaar. Task shifting from doctors to non-doctors for initiation and maintenance of antiretroviral therapy. *Cochrane Database of Systematic Reviews*. 2014;7(7):CD007331.
1069. Suthar AB, Vitoria MA, Nagata JM, Anglaret X, Mbori-Ngacha D, Sued O, Kaplan JE, Doherty MC. Co-trimoxazole prophylaxis in adults, including pregnant women, with HIV: a systematic review and meta-analysis. *The lancet. HIV*. 2015;2(4):e137-50.
1070. Adamson B, Dimitrov D, Devine B, Barnabas R. The Potential Cost-Effectiveness of HIV Vaccines: A Systematic Review. *PharmacoEconomics open*. 2017;1(1):1-12.
1071. Lennon CA, Huedo-Medina TB, Gerwien DP, Johnson BT. A role for depression in sexual risk reduction for women? A meta-analysis of HIV prevention trials with depression outcomes. *Social science & medicine (1982)*. 2012;75(4):688-98.
1072. Ekuia Yankah and Peter Aggleton. Effects and effectiveness of life skills education for HIV prevention in young people. *International Initiative for Impact Evaluation (3ie)*. 2008;
1073. Kaye DK, Kakaire O, Osinde MO, Lule JC, Kakande N. The impact of highly active antiretroviral therapy on high-risk behaviour of HIV-infected patients in sub-Saharan Africa. *Journal of infection in developing countries*. 2013;7(6):436-47.