

# South African Cochrane Centre Outputs

April 2016 - March 2017

## JOURNAL ARTICLES (PEER-REVIEWED/INDEXED)

1. Adedokun ST, Uthman OA, Adekanmbi VT, **Wiysonge CS**. Incomplete childhood immunization in Nigeria: a multilevel analysis of individual and contextual factors. *BMC Public Health* 2017 Mar 8;17(1):236. doi: 10.1186/s12889-017-4137-7
2. Ncube NBQ, Solanki GC, **Kredo T**, Lalloo R. Antibiotic prescription patterns of South African general medical practitioners for treatment of acute bronchitis. *South African Medical Journal* 2017;107(2):119-122. DOI:10.7196/SAMJ.2017.v107i2.11276
3. **Young T**, Naude C, Brodovcky T, Esterhuizen T. Building capacity in Clinical Epidemiology in Africa: experiences from Masters programmes. *BMC Med Educ* 2017 Feb 27;17(1):46. doi: 10.1186/s12909-017-0885-4
4. Adeniyi AB, Laurence CE, **Volmink JA**, Davids MR. Prevalence of chronic kidney disease and association with cardiovascular risk factors among teachers in Cape Town, South Africa. *Clin Kidney J* 2017 Jun;10(3):363-369. doi:10.1093/ckj/sfw138. Epub 2017 Jan 17
5. Aves T, **Kredo T**, Welch V, Mursleen S, Ross S, Zani B, Motaze NV, Quinlan L, Mbuagbaw L. Equity issues were not fully addressed in Cochrane human immunodeficiency virus systematic reviews. *J Clin Epidemiol* 2017 Jan;81:96-100. doi: 10.1016/j.jclinepi.2016.09.008
6. **Wiysonge CS**, Bradley HA, **Volmink J**, Mayosi BM, Opie LH. Beta-blockers for hypertension. *Cochrane Database Syst Rev*. 2017 Jan 20;1:CD002003. doi: 10.1002/14651858.CD002003.pub5.
7. Dizon JM, Grimmer K, Louw Q, **Kredo T**, **Young T**, Machingaidze S. South African Guidelines Excellence (SAGE): Adopt, adapt, or contextualise? *S Afr Med J* 2016;106(12):1177-1178. DOI:10.7196/SAMJ.2016.v106i12.11374
8. **Machingaidze S**, **Zani B**, **Abrams A**, **Durao S**, Louw Q, **Kredo T**, Grimmer K, **Young T**. Quality and reporting standards of South African primary care clinical practice guidelines. *J Clin Epidemiol*. 2016 Nov 5. pii: S0895-4356(16)30617-5. doi: 10.1016/j.jclinepi.2016.09.015. [Epub ahead of print] PubMed PMID: 27825892.
9. Ajayi IO, Adebamowo C, Adami HO, Dalal S, Diamond MB, Bajunirwe F, Guwatudde D, Njelekela M, Nankya-Mutyoba J, Chiwanga FS, **Volmink J**, Kalyesubula R, Laurence C, Reid TG, Dockery D, Hemenway D, Spiegelman D, Holmes MD. Urban-rural and geographic differences in overweight and obesity in four sub-Saharan African adult populations: a multi-country cross-sectional study. *BMC Public Health*. 2016 Oct 28;16(1):1126
10. Dizon JM, Grimmer K, **Machingaidze S**, McLaren P, Louw Q. Mapping South African allied health primary care clinical guideline activity: establishing a stakeholder reference sample. *Health Res Policy Syst*. 2016 Oct 10;14(1):77
11. Aves T, **Kredo T**, Welch V, Mursleen S, Ross S, Zani B, Motaze NV, Quinlan L, Mbuagbaw L. Equity issues were not fully addressed in Cochrane human immunodeficiency virus systematic reviews. *J Clin Epidemiol*. 2016 Sep 29. pii: S0895-4356(16)30455-3. doi: 10.1016/j.jclinepi.2016.09.008. [Epub ahead of print]
12. Lim SS, Allen K, Bhutta ZA, et al (including **Wiysonge CS**). Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015.. *Lancet* 2016; Sep 21 (Published Online). [http://dx.doi.org/10.1016/S0140-6736\(16\)31467-2](http://dx.doi.org/10.1016/S0140-6736(16)31467-2)
13. Lawrence M, Wingrove K, Naude C, **Durao S**. Evidence Synthesis and Translation for Nutrition Interventions to Combat Micronutrient Deficiencies with Particular Focus on Food Fortification. *Nutrients*. 2016 Sep 8;8(9). pii: E555. doi:10.3390/nu8090555.
14. Sileo KM, Simbayi LC, **Abrams A**, Cloete A, Kiene SM. The role of alcohol use in antiretroviral adherence among individuals living with HIV in South Africa: Event-level findings from a daily diary study. *Drug Alcohol Depend*. 2016 Aug 10. pii: S0376-8716(16)30247-2. doi: 10.1016/j.drugalcdep.2016.07.028. [Epub ahead of print]
15. **Wiysonge CS**, Abdullahi LH, Ndze VN, Hussey GD. Public stewardship of private for-profit healthcare providers in low- and middle-income countries. *Cochrane Database of Systematic Reviews* 2016, Issue 8. Art. No.: CD009855. DOI: 10.1002/14651858.CD009855.pub2.

16. Nglazi MD, Joubert JD, Stein DJ, Lund C, **Wiysonge CS**, Vos T, Pillay-van Wyk V, Roomaney RA, Muhwava LS, Bradshaw D. Epidemiology of major depressive disorder in South Africa (1997-2015): a systematic review protocol. *BMJ Open*. 2016 Jul 4;6(7):e011749. doi: 10.1136/bmjopen-2016-011749.
17. Oyo-Ita A, **Wiysonge CS**, Oringanje C, Nwachukwu CE, Oduwole O, Meremikwu MM. Interventions for improving coverage of childhood immunisation in low- and middle-income countries. *Cochrane Database of Systematic Reviews* 2016, Issue 7. Art. No.: CD008145. DOI: 10.1002/14651858.CD008145.pub3
18. **Young T**, Garner P, Clarke M, **Volmink J**. Evidence-based Health Care and Policy in Africa: Past, present and future. *J Clin Epidemiol*. 2016 Jun 24. pii:S0895-4356(16)30182-2. doi: 10.1016/j.jclinepi. 2016.06.006. [Epub ahead of print]
19. Stewart BT, Tansley G, Gyedu A, Ofosu A, Donkor P, Appiah-Denkyira E, Quansah R, Clarke DL, **Volmink J**, Mock C. Mapping Population-Level Spatial Access to Essential Surgical Care in Ghana Using Availability of Bellwether Procedures. *JAMA Surg*. 2016 Jun 22:e161239. doi: 10.1001/jamasurg.2016.1239. [Epub ahead of print]
20. Claassen-Weitz S, **Wiysonge CS**, Machingaidze S, Thabane L, Horsnell WG, Zar HJ, Nicol MP and Kaba M (2016). The current knowledge and future research directions on fecal bacterial patterns and its association with asthma. *Front. Microbiol*. **7**:838. doi: 10.3389/fmicb.2016.00838
21. Abdullahi LH, Kagina BM, Cassidy T, Adebayo EF, **Wiysonge CS**, Hussey GD. Knowledge, attitudes and practices on adolescent vaccination among adolescents, parents and teachers in Africa: A systematic review. *Vaccine*. 2016 Jun 8. pii: S0264-410X(16)30437-6. doi: 10.1016/j.vaccine.2016.06.023. [Epub ahead of print]
22. Chiwanga FS, Njelekela MA, Diamond MB, Bajunirwe F, Guwatudde D, Nankya-Mutyoba J, Kalyesubula R, Adebamowo C, Ajayi I, Reid TG, **Volmink J**, Laurence C, Adami HO, Holmes MD, Dalal S. Urban and rural prevalence of diabetes and pre-diabetes and risk factors associated with diabetes in Tanzania and Uganda. *Glob Health Action*. 2016 May 23;9:31440. doi: 10.3402/gha.v9.31440. eCollection 2016.
23. Grimmer K, Machingaidze S, Dizon J, **Kredo T**, Louw Q, **Young T**. South African clinical practice guidelines quality measured with complex and rapid appraisal instruments. *BMC Res Notes*. 2016 Apr 27;9(1):244. doi: 10.1186/s13104-016-2053-z
24. Schmidt BM, **Abrams A**, Tameris M. Engaging adolescents in tuberculosis and clinical trial research through drama. *Trials*. 2016 Apr 6;17(1):177. doi: 10.1186/s13063-016-1291-7

## COCHRANE PROTOCOLS

1. Shaik MZ, Ebrahim S, **Kredo T**. Circumcision devices versus standard surgical techniques in adolescent and adult male circumcisions (Protocol). *Cochrane Database of Systematic Reviews* 2016, Issue 6. Art. No.: CD012250. DOI: 10.1002/14651858.CD012250

## COMMENTARIES/EDITORIALS

1. Naude CE, Schoonees A, Senekal M, Garner P, **Young T**, **Volmink J**. Reliable systematic review of low-carbohydrate diets shows similar weight-loss effects compared with balanced diets and no cardiovascular risk benefits: Response to methodological criticisms. *South African Medical Journal* 2017;107(3):170. DOI:10.7196/SAMJ.2017.v107i3.12382
2. Lawrence M, Naude C, Armstrong R, Bero L, Covic N, **Durao S**, Ghersi D, Macdonald G, MacLehose H, Margetts B, Tovey D, **Volmink J**, **Young T**. A call to action to reshape evidence synthesis and use for nutrition policy. *Cochrane Database Syst Rev*. 2016 Nov 21;11:ED000118
3. **Wiysonge CS**, Kamadjeu R, Tsague L. Systematic reviews in context: highlighting systematic reviews relevant to Africa in the Pan African Medical Journal. *The Pan African Medical Journal*. 2016;24:180. doi:10.11604/pamj.2016.24.180.10100
4. McCaul M, **Kredo T**. Antifibrinolytic drugs for acute traumatic injury. *South African Medical Journal* 2016;106(8):777-778. DOI:10.7196/SAMJ.2016.v106i8.11042
5. Grimmer K, Dizon J, Louw Q, **Kredo T**, **Young T**, Machingaidze S. South African Guidelines Excellence (SAGE): Efficient, effective and unbiased clinical practice guideline teams. *S Afr Med J* 2016;106(5):440-441. DOI:10.7196/SAMJ.2016.v106i5.10770

6. **Wiysonge CS**, Lutje E, Karumbi J, Shey MS, Mpunga J, Oliver S. Cochrane Column: Strategies for improving adherence to tuberculosis management. *International Journal of Epidemiology* 2016 April;45 (2): 321-326. doi: 10.1093/ije/dyw081

## CONFERENCE PROCEEDINGS

1. **Pienaar E, Kredo T**. Ebola and Clinical Trial Activity on the African Continent. *BMJ Global Health* Feb 2017, 2 (Suppl 2) A55-A56; DOI: 10.1136/bmjgh-2016-000260.148

## CONFERENCES

### *International*

#### Oral Presentation

1. **Pienaar E**, Abrams A, Lutje V, **Kredo T**. Tuberculosis clinical trial activity on the African continent: analysis of tuberculosis trials registered on the Pan African Clinical Trial Registry. 47th Union World Conference on Lung Health, Liverpool, UK. 26-29 October 2016
2. **Durao S**, Naude C, **Young T, Kredo T**, Lawrence M, **Volmink J**. Mapping priority topics for nutrition research. 24th Cochrane Colloquium, Seoul, South Korea. 23-27 October 2016

#### Poster

1. **Pienaar E, Kredo T**, Lutje V, Abrams A. Ebola and clinical trial activity on the African continent. 8th EDCTP Forum, Lusaka, Zambia. 6-9 November 2016
2. **Galloway M, Kredo T**. Future journalists learning about Cochrane and evidence-based health care (EBHC). 24th Cochrane Colloquium, Seoul, South Korea. 23-27 October 2016
3. Blake P, **Durao S**, Naude C, Bero L. Food-based Dietary Guidelines: methods used to synthesize evidence and grade recommendations. World Nutrition Congress 2016, Cape Town. 30 August - 2 September 2016
4. **Pienaar E**, Lutje V, **Abrams A, Kredo T**. HIV/AIDS Clinical Trial Activity on the African Continent: An Analysis of HIV/AIDS trials Registered on the Pan African Clinical Trials Registry. 21<sup>st</sup> International AIDS Conference. Durban, South Africa. 18-22 July 2016

#### Workshop Facilitator

1. **Volmink J**, Mathanga D, **Pienaar E**. Using systematic reviews to inform policy and research direction on neglected diseases. 8th EDCTP Forum, Lusaka, Zambia. 6-9 November 2016
2. **Kredo T**. Cochrane Training facilitation skills: creating a positive learning climate for effective learning. 24th Cochrane Colloquium, Seoul, South Korea. 23-27 October 2016
3. **Oliver J, Kredo T, Pienaar E**. Revman 5.1 for Cochrane intervention review authors: How using all the new features can make life easier. 24th Cochrane Colloquium, Seoul, South Korea. 23-27 October 2016
4. **Durao S**, Naude S. Applying systematic reviews in evidence-informed public health nutrition guideline development. World Nutrition Congress 2016, Cape Town. 30 August - 2 September 2016

### *Local*

#### Invited Speaker

1. **Kredo T**. Methods for guideline development considering multi-morbidity. Academy of Science of South Africa and the UK Academy of Medical Sciences workshop, Johannesburg. 3-4 November 2016

## **Panelist**

1. **Young T.** Systematic reviews. TED panel on Research as a key tool in evidence processes. UCT Graduate School of Development Policy and Practice/Presidency course on Evidence-based policymaking and implementation, Cape Town. 25 October 2016

## **Poster**

1. Odendaal W, Daniels K, **Kredo T, Young T.** Using priority setting to enhance the policy relevant of systematic reviews: A case study from the South African initiative for systematic reviews on health policies and systems. Health Systems Trust Conference 2016, Boksburg, Gauteng. 4-6 May 2016

## **Workshop Facilitator**

1. **Durao S,** Naude C, Rohwer A. Evidence-informed nutrition: getting the evidence right. Nutrition Congress 2016, Somerset West. 5 September 2016

## **TEACHING AND TRAINING**

### **Lectures**

1. Assessing the risk of bias in included studies. Lecture to Stellenbosch University MSc Clinical Epidemiology students (systematic reviews and meta-analyses module). Stellenbosch University. 15 August 2016
2. Searching for studies. Lecture to Stellenbosch University MSc Clinical Epidemiology students (systematic reviews and meta-analyses module). Stellenbosch University. 18 July 2016
3. Searching the literature. Lecture to Stellenbosch University 1st year undergraduate health sciences students. Stellenbosch University. 4 and 6 May 2016
4. Putting evidence into practice. Lecture to UCT MBChB V Pharmacology students. University of Cape Town. 15 April 2016
5. Studies that summarizes other studies: systematic reviews. Lecture to Stellenbosch University 1st year undergraduate health sciences students. University of Stellenbosch. 25 April 2016

### **Workshops**

1. Primer in systematic reviews and research synthesis workshop for the Western Cape Department of Health. Cape Town. 16, 22, 26 September 2016
2. Cochrane Editorial Skills workshop. Cape Town. 28-30 September 2016
3. Evidence-based practice and Cochrane. Workshop for SAMRC scholars. Cape Town. 15 & 17 August 2016
4. Evidence-based practice and Cochrane. Workshop for SAMRC scholars. Johannesburg. 4 August 2016
5. Evidence-based practice and Cochrane. Workshop for SAMRC scholars. Durban. 22 July 2016
6. ISPOR and Cochrane workshop: EBHC, systematic reviews and searching for studies. Midrand. 10 June 2016
7. Primer in systematic reviews and research synthesis workshop for the SA Essential Drugs List Committee. Johannesburg. 13-14 May 2016
8. Cochrane South Africa time-out fellowship. Cape Town. 23-27 May 2016

## **INTELLECTUAL INPUT**

### ***International***

#### **Abrams A**

1. Abstract reviewer, 47th Union World Conference on Lung Health. April 2016

### **Kredo T**

1. Member, Global Evidence Summit Global Organizing Committee. 2016 -
2. Member, Editorial Board of the Journal of Evidence-based Medicine. 2016 -
3. Member, G-I-N Afro Community Planning Committee. October 2014 -
4. Member, Advisory Committee for the Emergency Care Guideline Group. September 2014 -
5. Co-chair, Aubrey Sheiham Leadership Award for Evidence based Health Care in Africa. 2014 - ongoing
6. Member, Cochrane Collaboration Global Evidence Synthesis Writing Group. 2013 - ongoing
7. Member, Cochrane Centre Directors' Executive. March 2012 – December 2016
8. Member, Anne Anderson Award Committee. 2012 - ongoing
9. Member, Cochrane Training Network. September 2011 - ongoing
10. Member, Consultative Group for World Health Organization, Division of Global Learning Opportunities for Vaccine Quality. 2009 - ongoing
11. Consultant, South African Training Centre for World Health Organization, Division of Global Learning Opportunities for Vaccine Quality. 2009 - ongoing

### **Oliver J**

1. Member, Cochrane Council. January 2017 -
2. Member, Cochrane Consumer Executive. October 2016 –
3. Member, 24th Cochrane Colloquium Developing Country Stipend Committee. 2016

### **Pienaar E**

1. Peer reviewer, BMC Health Services Research. April 2016

### **Volmink J**

1. Chair, Global Evidence Summit Global Organizing Committee. 2016 -
2. Member, Cochrane Equity Task Force. 2015 - ongoing
3. Member, CONSORT Equity Advisory Board, University of Ottawa, Canada. 2015 - ongoing
4. Advisory Board member, Russian Branch of the Nordic Cochrane Centre. October 2014 - ongoing
5. Interim president, Southern African Epidemiology Association. April 2013 – ongoing
6. Member, Supporting Informed Healthcare Choices in Low Income Countries Advisory Group. 2013 - 2017
7. Honorary Fellow, Liverpool School of Tropical Medicine.

### **Wiysonge CS**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -
2. Editor, Cochrane Infectious Diseases Group. 2015 -
3. Member, African Advisory Committee on Health Research and Development. WHO Africa. 2014 -
4. Member, WHO SAGE Working Group on Maternal and Neonatal Tetanus Elimination. 2014 -
5. Editor, Cochrane Column, International Journal of Epidemiology. 2014 -
6. Member, Independent Review Committee, Global Alliance for Vaccines and Immunisation (Gavi). 2014 -
7. Member, Executive Committee, GREAT (Guideline-driven, Research priorities, Evidence synthesis, Application of evidence, and Transfer of knowledge) Network. 2014 -

9. Associate Editor, BMC Health Services Research. 2014 -
10. Member, WHO SAGE Working Group on Ebola Vaccines and Vaccination. 2014 -
11. Member, WHO Strategic Advisory Group of Experts on Immunisation (SAGE). 2014 -
12. Member, African Task Force on Immunisation. WHO Africa. 2014 -

#### **Young T**

1. Member, Global Evidence Summit Global Organizing Committee. 2016 -
2. Member, Interim secretary, Southern African Clinical Epidemiology Association. April 2013 - ongoing
3. Member, Curriculum Committee, International Society on Evidence-based Health Care. 2013 - ongoing
4. Member, Cochrane Author Forum. 2013 -
5. Member, Effective Health Care Research Consortium Executive Committee. 2011 - ongoing
6. Editor, Cochrane Sexually Transmitted Diseases Review Group. July 2008 - ongoing

#### ***Local***

#### **Durao S**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

#### **Galloway M**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

#### **Hohlfeld A**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

#### **Kredo T**

1. Chair, Global Evidence Summit Local Organizing Committee. 2016 -
2. Member, HIV Adult Advisory Committee of the Western Cape. 2006 - ongoing

#### **Mathebula L**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

#### **Mchiza N**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

#### **Oliver J**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

#### **Pienaar E**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

#### **Volmink J**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

**Wiysonge C**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -

**Young T**

1. Member, Global Evidence Summit Local Organizing Committee. 2016 -
2. Editor, Current Allergy and Clinical Immunology. 2006 - ongoing