

## **KEMRI PUBLICATIONS 2019**

1: Murunga VI, Oronje RN, Bates I, Tagoe N, Pulford J. Review of published evidence on knowledge translation capacity, practice and support among researchers and research institutions in low- and middle-income countries.

Health Res Policy Syst. 2019 Dec 10;18(1):16. doi: 10.1186/s12961-019-0524-0.

PMID: 32039738; PMCID: PMC7011245.

2: Levy R, Mathai M, Chatterjee P, Ongeru L, Njuguna S, Onyango D, Akena D, Rota G, Otieno A, Neylan TC, Lukwata H, Kahn JG, Cohen CR, Bukusi D, Aarons GA, Burger R, Blum K, Nahum-Shani I, McCulloch CE, Meffert SM. Implementation research for public sector mental health care scale-up (SMART-DAPPER): a sequential multiple, assignment randomized trial (SMART) of non-specialist-delivered psychotherapy and/or medication for major depressive disorder and posttraumatic stress disorder (DAPPER) integrated with outpatient care clinics at a county hospital in Kenya. BMC Psychiatry. 2019 Dec 28;19(1):424. doi: 10.1186/s12888-019-2395-x. PMID: 31883526; PMCID: PMC6935499.

3: Chi PC, Bulage P, Østby G. Equity in aid allocation and distribution: A qualitative study of key stakeholders in Northern Uganda. PLoS One. 2019 Dec 16;14(12):e0226612. doi: 10.1371/journal.pone.0226612. PMID: 31841555; PMCID: PMC6913922.

4: Masha SC, Owuor C, Ngoi JM, Cools P, Sanders EJ, Vanechoutte M, Crucitti T, de Villiers EP. Comparative analysis of the vaginal microbiome of pregnant women with either *Trichomonas vaginalis* or *Chlamydia trachomatis*. PLoS One. 2019 Dec 12;14(12):e0225545. doi: 10.1371/journal.pone.0225545. PMID: 31830061; PMCID: PMC6907840.

5: Izugbara C, Wekesah FM, Sebany M, Echoka E, Amo-Adjei J, Muga W.

Availability, accessibility and utilization of post-abortion care in Sub-Saharan Africa: A systematic review. *Health Care Women Int.* 2019 Dec 19:1-29. doi: 10.1080/07399332.2019.1703991. Epub ahead of print. PMID: 31855511.

6: Agarwal S, Anaba U, Abuya T, Kintu R, Casseus A, Hossain S, Obadha M, Warren CE. Understanding incentive preferences of community health workers using discrete choice experiments: a multicountry protocol for Kenya, Uganda, Bangladesh and Haiti. *BMJ Open.* 2019 Dec 11;9(12):e033601. doi: 10.1136/bmjopen-2019-033601. PMID: 31831550; PMCID: PMC6924748.

7: Tsiachristas A, Gathara D, Aluvaala J, Chege T, Barasa E, English M. Effective coverage and budget implications of skill-mix change to improve neonatal nursing care: an explorative simulation study in Kenya. *BMJ Glob Health.* 2019 Dec 2;4(6):e001817. doi: 10.1136/bmjgh-2019-001817. PMID: 31908859; PMCID: PMC6936475.

8: Kimathi D, Juan A, Bejon P, Grais RF, Warimwe GM; YEFE and NIFTY vaccine trials teams. Randomized, double-blinded, controlled non-inferiority trials evaluating the immunogenicity and safety of fractional doses of Yellow Fever vaccines in Kenya and Uganda. *Wellcome Open Res.* 2019 Nov 20;4:182. doi: 10.12688/wellcomeopenres.15579.1. PMID: 31984244; PMCID: PMC6971842.

9: Roxby AC, Yuhas K, Farquhar C, Bosire R, Mbori-Ngacha D, Richardson BA, Totten PA, John-Stewart G. *Mycoplasma genitalium* infection among HIV-infected pregnant African women and implications for mother-to-child transmission of HIV. *AIDS.* 2019 Nov 15;33(14):2211-2217. doi: 10.1097/QAD.0000000000002335. PMID: 31385863; PMCID: PMC6832839.

10: Kapulu MC, Njuguna P, Hamaluba MM; CHMI-SIKA Study Team. Controlled Human

Malaria Infection in Semi-Immune Kenyan Adults (CHMI-SIKA): a study protocol to investigate *in vivo* Plasmodium falciparum malaria parasite growth in the context of pre-existing immunity. Wellcome Open Res. 2019 Nov 14;3:155. doi: 10.12688/wellcomeopenres.14909.2. PMID: 31803847; PMCID: PMC6871356.

11: Kamau E, Luka MM, de Laurent ZR, Adema I, Agoti CN, Nokes DJ. Genome Sequences of Human Coronavirus OC43 and NL63, Associated with Respiratory Infections in Kilifi, Kenya. Microbiol Resour Announc. 2019 Nov 14;8(46):e00730-19. doi: 10.1128/MRA.00730-19. PMID: 31727697; PMCID: PMC6856263.

12: Gilbertson A, Ongili B, Odongo FS, Hallfors DD, Rennie S, Kwaro D, Luseno WK. Voluntary medical male circumcision for HIV prevention among adolescents in Kenya: Unintended consequences of pursuing service-delivery targets. PLoS One. 2019 Nov 4;14(11):e0224548. doi: 10.1371/journal.pone.0224548. PMID: 31682626; PMCID: PMC6827911.

13: Tymejczyk O, Brazier E, Wools-Kaloustian K, Davies MA, DiLorenzo M, Edmonds A, Vreeman R, Bolton C, Twizere C, Okoko N, Phiri S, Nakigozi G, Lelo P, von Groote P, Sohn AH, Nash D. Impact of universal antiretroviral treatment eligibility on rapid treatment initiation among young adolescents with HIV in sub-Saharan Africa. J Infect Dis. 2019 Nov 4;jiz547. doi: 10.1093/infdis/jiz547. Epub ahead of print. PMID: 31682261.

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15: Mwangala PN, Newton CR, Abas M, Abubakar A. Screening tools for HIV-associated neurocognitive disorders among adults living with HIV in sub-Saharan Africa: A scoping review. *AAS Open Res.* 2019 Oct 30;1:28. doi: 10.12688/aasopenres.12921.2. PMID: 31844836; PMCID: PMC6914359.

16: Toy T, Pak GD, Duc TP, Campbell JI, El Tayeb MA, Von Kalckreuth V, Im J, Panzner U, Cruz Espinoza LM, Eibach D, Dekker DM, Park SE, Jeon HJ, Konings F, Mogeni OD, Cosmas L, Bjerregaard-Andersen M, Gasmelseed N, Hertz JT, Jaeger A, Krumkamp R, Ley B, Thriemer K, Kabore LP, Niang A, Raminosa TM, Sampo E, Sarpong N, Soura A, Owusu-Dabo E, Teferi M, Yeshitela B, Poppert S, May J, Kim JH, Chon Y, Park JK, Aseffa A, Breiman RF, Schütt-Gerowitt H, Aaby P, Adu-Sarkodie Y, Crump JA, Rakotozandrindrainy R, Meyer CG, Sow AG, Clemens JD, Wierzba TF, Baker S, Marks F. Multicountry Distribution and Characterization of Extended-spectrum  $\beta$ -Lactamase-associated Gram-negative Bacteria From Bloodstream Infections in Sub-Saharan Africa. *Clin Infect Dis.* 2019 Oct 30;69(Suppl 6):S449-S458. doi: 10.1093/cid/ciz450. PMID: 31665776; PMCID: PMC6821266.

17: Hounsou N, Kassahun MM, Ngari M, Berkley JA, Kivaya E, Njuguna P, Fegan G, Tamiru A, Kelemework A, Amberbir T, Clarke A, Lang T, Newport MJ, McKay A, Enquoselassie F, Davey G. Cost-effectiveness and social outcomes of a community-based treatment for podoconiosis lymphoedema in the East Gojjam zone, Ethiopia. *PLoS Negl Trop Dis.* 2019 Oct 23;13(10):e0007780. doi: 10.1371/journal.pntd.0007780. PMID: 31644556; PMCID: PMC6808421.

18: Abuga JA, Kariuki SM, Kinyanjui SM, Boele Van Hensbroek M, Newton CR. Premature mortality in children aged 6-9 years with neurological impairments in rural Kenya: a cohort study. *Lancet Glob Health.* 2019 Dec;7(12):e1728-e1735. doi: 10.1016/S2214-109X(19)30425-5. Epub 2019 Oct 22. PMID: 31653591; PMCID: PMC7024990.

19: Zulaika G, Kwaro D, Nyothach E, Wang D, Zielinski-Gutierrez E, Mason L, Eleveld A, Chen T, Kerubo E, van Eijk A, Pace C, Obor D, Juma J, Oyaro B, Niessen L, Bigogo G, Ngere I, Henry C, Majiwa M, Onyango CO, Ter Kuile FO, Phillips-Howard PA. Menstrual cups and cash transfer to reduce sexual and reproductive harm and school dropout in adolescent schoolgirls: study protocol of a cluster-randomised controlled trial in western Kenya. *BMC Public Health*. 2019 Oct 21;19(1):1317. doi: 10.1186/s12889-019-7594-3. PMID: 31638946; PMCID: PMC6805471.

20: Kimenyi KM, Wamae K, Ochola-Oyier LI. Understanding *P. falciparum* Asymptomatic Infections: A Proposition for a Transcriptomic Approach. *Front Immunol*. 2019 Oct 15;10:2398. doi: 10.3389/fimmu.2019.02398. PMID: 31681289; PMCID: PMC6803459.

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RF. Overview and Development of the Child Health and Mortality Prevention Surveillance Determination of Cause of Death (DeCoDe) Process and DeCoDe Diagnosis Standards. *Clin Infect Dis*. 2019 Oct 9;69(Suppl 4):S333-S341. doi: 10.1093/cid/ciz572. PMID: 31598661; PMCID: PMC6785670.

23: Maina M, Tosas-Auguet O, McKnight J, Zosi M, Kimemia G, Mwaniki P, Schultz C, English M. Evaluating the foundations that help avert antimicrobial resistance: Performance of essential water sanitation and hygiene functions in hospitals and requirements for action in Kenya. *PLoS One*. 2019 Oct 9;14(10):e0222922. doi: 10.1371/journal.pone.0222922. Erratum in: *PLoS One*. 2020 Jan 24;15(1):e0228489. PMID: 31596861; PMCID: PMC6785173.

24: Mwanga EP, Minja EG, Mrimi E, Jiménez MG, Swai JK, Abbasi S, Ngowo HS, Siria DJ, Mapua S, Stica C, Maia MF, Olotu A, Sikulu-Lord MT, Baldini F, Ferguson HM, Wynne K, Selvaraj P, Babayan SA, Okumu FO. Detection of malaria parasites in dried human blood spots using mid-infrared spectroscopy and logistic regression analysis. *Malar J*. 2019 Oct 7;18(1):341. doi: 10.1186/s12936-019-2982-9. PMID: 31590669; PMCID: PMC6781347.

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occurring endophytic fungi. PLoS One. 2019 Oct 4;14(10):e0221285. doi: 10.1371/journal.pone.0221285. PMID: 31585459; PMCID: PMC6777984.

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