

MSF - OPERATIONAL CENTRE BRUSSELS

OCB - SUPPORTED SCIENTIFIC PUBLICATIONS 2014

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FOREWORD

Operational research is about the “science of implementation”. It helps bridge gaps between new scientific knowledge and how we effectively apply such knowledge to benefit patients, communities and populations.

A peer-reviewed scientific publication is a significant indicator of successfully completed research. It also serves to ensure that the dissemination of study findings are subjected to independent peer review – which is one of the accepted quality control standards in medicine.

A publication per se must not be the endpoint for operational research as it should be the beginning of a longer process towards translation of research findings into policy and practice. In this light publications can serve as credible tools for advocacy.

I am delighted to present this collection of publications supported by the MSF Operational centre Brussels for the year 2014, which includes publications in fourteen medical domains. A considerable proportion of these articles were generated through SORT IT (The Structured Operational Research Training Initiative), a global capacity building partnership programme which helps to conduct and publish research according to institutional and operational priorities. This initiative targets field workers, and has been pivotal in helping to diversify the MSF operational research portfolio and build new networks.

This year we have also pioneered a dual language journal supplement (English and Russian) in the Public Health Action Journal. This is an important step in trying to bridge the English language barrier in publications. Next year we hope to extend such publications to Spanish and French.

All publications in this booklet are available in the attached CD and are also freely available at the MSF scientific web site: www.fieldresearch.msf.org.

I would like to express my gratitude and appreciation to all those in the field, headquarters and particularly to all our collaborating partners and donors for their continued support.



Bertrand Draguez

Medical Director
MSF Operational centre Brussels

OCB-SUPPORTED SCIENTIFIC PUBLICATIONS 2014 - CONTENT

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1. OPERATIONAL RESEARCH



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1. **Review:** Bissell K, Viney K, Brostrom R, Gounder S, Khogali M, Kishore K, et al. [Building operational research capacity in the Pacific](#). *Public Health Action*. 2014;4(S1):S2-S13.
2. **Review:** Ramsay A, Harries AD, Zachariah R, Bissell K, Hinderaker SG, Edginton M, et al. [The Structured Operational Research and Training Initiative for public health programmes](#). *Public Health Action*. 2014;4(2):79-84.
3. **State of the art:** Kumar AM, Zachariah R, Satyanarayana S, Reid AJ, Van den Bergh R, Tayler-Smith K, et al. [Operational research capacity building using 'The Union/MSF' model: adapting as we go along](#). *BMC research notes*. 2014;7:819. Epub 2014/11/21.
4. **State of the art:** Kumar AMV, Satyanarayana S, Wilson NC, Chadha SS, Gupta D, Nair S, et al. [Operational research leading to rapid national policy change: tuberculosis-diabetes collaboration in India](#). *Public Health Action*. 2014;4(2):85-8.
5. **State of the art:** Zachariah R, Kumar AMV, Reid AJ, Van den Bergh R, Isaakidis P, Draguez B, et al. [Open access for operational research publications from low and middle-income countries: who pays?](#) *Public Health Action*. 2014;4(3):141-4.
6. **Viewpoint:** Quaglio G, Ramsay A, Harries AD, Karapiperis T, Putoto G, Dye C, et al. [Calling on Europe to support operational research in low-income and middle-income countries](#). *Lancet Glob Health*. 2014;2:e308-9.
7. **Viewpoint:** Nagaraja SB, Menezes RG, Zachariah R. [Open submission and open access: the right way ahead](#). *Public Health Action*. 2014;4(1):72.
8. **Viewpoint:** Harries AD, Zachariah R, Ramsay A, Kumar AMV, Reid AJ, Terry RF, et al. [Does research make a difference to public health? Time for scientific journals to cross the Rubicon](#). *Public Health Action*. 2014;4(1):2-3.
9. **Viewpoint:** Harries AD, Bianchi L, Jensen PM, Pantages M, Bissell K, Kumar AMV, et al. [Public Health Action for public health action](#). *Public Health Action*. 2014;4(3):139-40.
10. **Viewpoint:** Harries AD, Marais B, Kool B, Ram S, Kumar AMV, Gounder S, et al. [Mentorship for operational research capacity building: hands-on or hands-off?](#) *Public Health Action*. 2014;4(S1):S56-8.
11. **Original research:** Zachariah R, Guillerm N, Berger S, Kumar AM, Satyanarayana S, Bissell K, et al. [Research to policy and practice change: is capacity building in operational research delivering the goods?](#) *Trop Med Int Health*. 2014;19(9):1068-75. Epub 2014/06/10.
12. **Original research:** Guillerm N, Tayler-Smith K, Berger SD, Bissell K, Kumar AMV, Ramsay A, et al. [What happens after participants complete a Union-MSF structured operational research training course?](#) *Public Health Action*. 2014;4(2):89-95.

2. HEALTH POLICY



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13. **Original research:** Maini R, Van den Bergh R, van Griensven J, Tayler-Smith K, Ousley J, Carter D, et al. [Picking up the bill - improving health-care utilisation in the Democratic Republic of Congo through user fee subsidisation: a before and after study](#). *BMC Health Serv Res*. 2014;14:504. Epub 2014/11/06. **(SORT IT participants)**

- 14. Original research:** Iribagiza MK, Manikuzwe A, Aquino T, Amoroso C, Zachariah R, van Griensven J, et al. Fostering interest in research: evaluation of an introductory research seminar at hospitals in rural Rwanda. Public Health Action. 2014;4(4):271-5. **(SORT IT participants)**

3. HEALTH SYSTEMS & PROGRAM MONITORING



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- 15. Original research:** De Maio G, Van den Bergh R, Garelli S, Maccagno B, Raddi F, Stefanizzi A, et al. Reaching out to the forgotten: providing access to medical care for the homeless in Italy. Int Health. 2014;6(2):93-8. Epub 2014/02/08.
- 16. Original research:** Bemelmans M, Baert S, Goemaere E, Wilkinson L, Vandendyck M, van Cutsem G, et al. Community-supported models of care for people on HIV treatment in sub-Saharan Africa. Trop Med Int Health. 2014;19(8):968-77. Epub 2014/06/04.
- 17. Original research:** Jobanputra K, Parker LA, Azih C, Okello V, Maphalala G, Jouquet G, et al. Impact and programmatic implications of routine viral load monitoring in Swaziland. J Acquir Immune Defic Syndr. 2014;67(1):45-51. Epub 2014/05/30. **(SORT IT participants)**
- 18. Original research:** Nic Carthaigh N, De Gryse B, Esmati AS, Nizar B, Van Overloop C, Fricke R, et al. Patients struggle to access effective health care due to ongoing violence, distance, costs and health service performance in Afghanistan. Int Health. 2014. Epub 2014/12/11.
- 19. Original research:** Khandu L, Zachariah R, Van den Bergh R, Wangchuk D, Tshering N, Wangmo D, et al. Providing a gateway to prevention and care for the most at-risk populations in Bhutan: is this being achieved? Public Health Action. 2014;4(1):22-7. **(SORT IT participants)**

- 20. Original research:** Chang Y-P, Duo L, Kumar AMV, Achanta S, Xue H-M, Satyanarayana S, et al. Retention and HIV seroconversion among drug users on methadone maintenance treatment in Yunnan, China. Public Health Action. 2014;4(1):28-34. **(SORT IT participants)**
- 21. Original research:** Denisiuk O, Smyrnov P, Kumar AMV, Achanta S, Boyko K, Khogali M, et al. Sex, drugs and prisons: HIV prevention strategies for over 190 000 clients in Ukraine. Public Health Action. 2014;4(2):96-101. **(SORT IT participants)**
- 22. Original research:** Geoffroy E, Harries AD, Bissell K, Schell E, Bvumbwe A, Tayler-Smith K, et al. Bringing care to the community: expanding access to health care in rural Malawi through mobile health clinics. Public Health Action. 2014;4(4):252-8. **(SORT IT participants)**

4. HIV



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- 23. Review:** Bekker LG, Venter F, Cohen K, Goemare E, Van Cutsem G, Boulle A, et al. Provision of antiretroviral therapy in South Africa: the nuts and bolts. Antiviral therapy. 2014;19 Suppl 3:105-16. Epub 2014/10/14.
- 24. Review:** Harries AD, Zachariah R. AIDS Review. Africa Health. 2014;36(2):46-7.
- 25. Viewpoint:** Ford N, Meintjes G, Pozniak A, Bygrave H, Hill A, Peter T, et al. The future role of CD4 cell count for monitoring antiretroviral therapy. Lancet Infect Dis. 2014. Epub 2014/12/04.
- 26. Viewpoint:** Ford N, Stinson K, Davies MA, Cox V, Patten G, Cragg C, et al. Is it safe to drop CD4+ monitoring among virologically suppressed patients: a cohort evaluation from Khayelitsha, South Africa. Aids. 2014;28(14):2003-5. Epub 2014/08/08.

- 27. Original research:** Rohner E, Valeri F, Maskew M, Prozesky H, Rabie H, Garone D, et al. Incidence rate of Kaposi sarcoma in HIV-infected patients on antiretroviral therapy in Southern Africa: a prospective multicohort study. *J Acquir Immune Defic Syndr*. 2014;67(5):547-54. Epub 2014/11/14.
- 28. Original research:** Boule A, Schomaker M, May MT, Hogg RS, Shepherd BE, Monge S, et al. Mortality in patients with HIV-1 infection starting antiretroviral therapy in South Africa, Europe, or North America: a collaborative analysis of prospective studies. *PLoS Med*. 2014;11(9):e1001718. Epub 2014/09/10.
- 29. Original research:** Fajardo E, Metcalf CA, Chaillet P, Aleixo L, Pannus P, Panunzi I, et al. Prospective evaluation of diagnostic accuracy of dried blood spots from finger prick samples for determination of HIV-1 load with the NucliSENS Easy-Q HIV-1 version 2.0 assay in Malawi. *J Clin Microbiol*. 2014;52(5):1343-51. Epub 2014/02/07.
- 30. Original research:** Balak DA, Bissell K, Roseveare C, Ram S, Devi RR, Graham SM. Absolute lymphocyte count is not a suitable alternative to CD4 count for determining initiation of antiretroviral therapy in Fiji. *J Trop Med*. 2014;2014:715363. Epub 2014/11/18. **(SORT IT participants)**
- 31. Original research:** Molfino L, Kumar AM, Isaakidis P, Van den Bergh R, Khogali M, Hinderaker SG, et al. High attrition among HIV-infected patients with advanced disease treated in an intermediary referral center in Maputo, Mozambique. *Global health action*. 2014;7:23758. Epub 2014/04/11. **(SORT IT participants)**
- 32. Original research:** Khan S, Das M, Andries A, Deshpande A, Mansoor H, Saranchuk P, et al. Second-line failure and first experience with third-line antiretroviral therapy in Mumbai, India. *Global health action*. 2014;7:24861. Epub 2014/08/03.
- 33. Original research:** Shankar D, Kumar AMV, Rewari B, Kumar S, Shastri S, Satyanarayana S, et al. Retention in pre-antiretroviral treatment care in a district of Karnataka, India: how well are we doing? *Public Health Action*. 2014;4(4):210-5. **(SORT IT participants)**

5. HIV/TUBERCULOSIS CO-INFECTION



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- 34. Original research:** Rangaka MX, Wilkinson RJ, Boule A, Glynn JR, Fielding K, van Cutsem G, et al. Isoniazid plus antiretroviral therapy to prevent tuberculosis: a randomised double-blind, placebo-controlled trial. *Lancet*. 2014;384(9944):682-90. Epub 2014/05/20.
- 35. Original research:** Marcy O, Laureillard D, Madec Y, Chan S, Mayaud C, Borand L, et al. Causes and determinants of mortality in HIV-infected adults with tuberculosis: an analysis from the CAMELIA ANRS 1295-CIPRA KH001 randomized trial. *Clin Infect Dis*. 2014;59(3):435-45. Epub 2014/04/25.
- 36. Original research:** Isaakidis P, Das M, Kumar AM, Peskett C, Khetarpal M, Bamne A, et al. Alarming levels of drug-resistant tuberculosis in HIV-infected patients in metropolitan Mumbai, India. *PLoS One*. 2014;9(10):e110461. Epub 2014/10/22.
- 37. Original research:** Furin J, Isaakidis P, Reid AJ, Kielmann K. 'I'm fed up': experiences of prior anti-tuberculosis treatment in patients with drug-resistant tuberculosis and HIV. *Int J Tuberc Lung Dis*. 2014;18(12):1479-84. Epub 2014/12/18.
- 38. Original research:** Das M, Isaakidis P, Van den Bergh R, Kumar AM, Nagaraja SB, Valikayath A, et al. HIV, multidrug-resistant TB and depressive symptoms: when three conditions collide. *Global health action*. 2014;7:24912. Epub 2014/09/13. **(SORT IT participants)**
- 39. Original research:** Nagai S, Robinson R, Rahamefy JR, Randriambelason SJ, Ranaivomanana DA, Razafindranaivo T, et al. Provider-initiated HIV testing and counselling for TB in low HIV prevalence settings: is it worthwhile? *Trans R Soc Trop Med Hyg*. 2014;108(3):173-5. Epub 2014/01/28. **(SORT IT participants)**

- 40. Original research:** Albuquerque T, Isaakidis P, Das M, Saranchuk P, Andries A, Misquita DP, et al. Infection control in households of drug-resistant tuberculosis patients co-infected with HIV in Mumbai, India. Public Health Action. 2014;4(1):35-41. **(SORT IT participants)**
- 41. Original research:** Kanyerere H, Mganga A, Harries AD, Tayler-Smith K, Jahn A, Chimbwandra FM, et al. Decline in national tuberculosis notifications with national scale-up of antiretroviral therapy in Malawi. Public Health Action. 2014;4(2):113-5.
- 47. Original research:** Khogali M, Zachariah R, Reid T, Alipon SC, Zimble S, Mahama G, et al. Self-administered treatment for tuberculosis among pastoralists in rural Ethiopia: how well does it work? Int Health. 2014;6(2):112-7. Epub 2014/03/19.
- 48. Original research:** Hill PC, Dye C, Viney K, Tabutoa K, Kienene T, Bissell K, et al. Mass treatment to eliminate tuberculosis from an island population. Int J Tuberc Lung Dis. 2014;18(8):899-904. Epub 2014/09/10.

6. TUBERCULOSIS (INCLUDING DRUG-RESISTANT TUBERCULOSIS)



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- 42. Review:** Acosta CD, Dadu A, Ramsay A, Dara M. Drug-resistant tuberculosis in Eastern Europe: challenges and ways forward. Public Health Action. 2014;4(S2):S3-S12.
- 43. Viewpoint:** Isaakidis P, Gupta S, Menghaney L. Zero tuberculosis at the latest International AIDS Congress in Asia and the Pacific? Lancet Glob Health. 2014;2(4):e204-5. Epub 2014/08/12.
- 44. Viewpoint:** Isaakidis P, Smith S, Majumdar S, Furin J, Reid T. Calling tuberculosis a social disease--an excuse for complacency? Lancet. 2014;384(9948):1095. Epub 2014/09/23.
- 45. Viewpoint – comment on 53-63:** Cox H, Ford N. The scourge of tuberculosis and anti-tuberculosis drug resistance in Eastern Europe. Public Health Action. 2014;4(3):S1-S2.
- 46. Original research:** Das M, Isaakidis P, Shenoy R, Anicete R, Sharma HK, Ao I, et al. Self-administered tuberculosis treatment outcomes in a tribal population on the indo-myanmar border, Nagaland, India. PLoS One. 2014;9(9):e108186. Epub 2014/09/27.
- 49. Original research:** Oladimeji O, Isaakidis P, Obasanya OJ, Eltayeb O, Khogali M, Van den Bergh R, et al. Intensive-phase treatment outcomes among hospitalized multidrug-resistant tuberculosis patients: results from a nationwide cohort in Nigeria. PLoS One. 2014;9(4):e94393. Epub 2014/04/12. **(SORT IT participants)**
- 50. Original research:** Singla N, Satyanarayana S, Sachdeva KS, Van den Bergh R, Reid T, Tayler-Smith K, et al. Impact of introducing the line probe assay on time to treatment initiation of MDR-TB in Delhi, India. PLoS One. 2014;9(7):e102989. Epub 2014/07/25. **(SORT IT participants)**
- 51. Original research:** Tamani T, Bissell K, Tayler-Smith K, Gounder S, Linh NN, Graham SM. The trend of tuberculosis cases over 60 years in Fiji's largest treatment centre: 1950–2010. Public Health Action. 2014;4(1):42-6. **(SORT IT participants)**
- 52. Original research:** Abeygunawardena SC, Sharath BN, Van den Bergh R, Naik B, Pallewatte N, Masaima MNN. Management of previously treated tuberculosis patients in Kalutara district, Sri Lanka: how are we faring? Public Health Action. 2014;4(2):105-9. **(SORT IT participants)**
- 53. Original research:** Davtyan K, Zachariah R, Davtyan H, Ramsay A, Denisuk O, Manzi M, et al. Performance of decentralised facilities in tuberculosis case notification and treatment success in Armenia. Public Health Action. 2014;4(3):S13-S6. **(SORT IT participants)**
- 54. Original research:** Khaliukin A, Kumar AMV, Skrahina A, Hurevich H, Rusovich V, Gadoev J, et al. Poor treatment outcomes among multidrug-resistant tuberculosis patients in Gomel Region, Republic of Belarus. Public Health Action. 2014;4(S2):S24-S8. **(SORT IT participants)**
- 55. Original research:** Klimuk D, Hurevich H, Harries AD, Babrukevich A, Kremer K, Van den Bergh R, et al. Tuberculosis in health care workers in Belarus. Public Health Action. 2014;4(S2):S29-S33. **(SORT IT participants)**
- 56. Original research:** Toit K, Altraja A, Acosta CD, Viiklepp P, Kremer K, Kummik T, et al. A four-year nationwide molecular epidemiological study in Estonia: risk factors for tuberculosis transmission. Public Health Action. 2014;4(S2):S34-S40. **(SORT IT participants)**

- 57. Original research:** Kuchukhidze G, Kumar AMV, de Colombani P, Khogali M, Nanava U, Blumberg HM, et al. Risk factors associated with loss to follow-up among multidrug-resistant tuberculosis patients in Georgia. Public Health Action. 2014;4(S2):S41-S6. **(SORT IT participants)**
- 58. Original research:** Kuksa L, Riekstina V, Leimane V, Ozere I, Skenders G, Van den Bergh R, et al. Multi- and extensively drug-resistant tuberculosis in Latvia: trends, characteristics and treatment outcomes. Public Health Action. 2014;4(S2):S47-S53. **(SORT IT participants)**
- 59. Original research:** Lucenko I, Riekstina V, Perevoscikovs J, Mozgis D, Khogali M, Gadoev J, et al. Treatment outcomes among drug-susceptible tuberculosis patients in Latvia, 2006–2010. Public Health Action. 2014;4(S2):S54-S8. **(SORT IT participants)**
- 60. Original research:** Ciobanu A, Domete L, Soltan V, Bivol S, Severin L, Plesca V, et al. Do incentives improve tuberculosis treatment outcomes in the Republic of Moldova? Public Health Action. 2014;4(S2):S59-S63. **(SORT IT participants)**
- 61. Original research:** Dolgusev O, Obezenko N, Padalco O, Pankrushev S, Ramsay A, Van den Bergh R, et al. Pattern of primary tuberculosis drug resistance and associated treatment outcomes in Transnistria, Moldova. Public Health Action. 2014;4(S2):S64-S6. **(SORT IT participants)**
- 62. Original research:** Lytvynenko N, Cherenko S, Feschenko Y, Pogrebna M, Senko Y, Barbova A, et al. Management of multi- and extensively drug-resistant tuberculosis in Ukraine: how well are we doing? Public Health Action. 2014;4(S2):S67-S72. **(SORT IT participants)**
- 63. Original research:** Rusovich V, Kumar AMV, Skrahina A, Hurevich H, Astrauko A, de Colombani P, et al. High time to use rapid tests to detect multidrug resistance in sputum smear-negative tuberculosis in Belarus. Public Health Action. 2014;4(4):243-8. **(SORT IT participants)**

7. MALARIA

- 64. Original research:** Bosman P, Stassijns J, Nackers F, Canier L, Kim N, Khim S, et al. Plasmodium prevalence and artemisinin-resistant falciparum malaria in Preah Vihear Province, Cambodia: a cross-sectional population-based study. Malar J. 2014;13:394. Epub 2014/10/08.



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- 65. Original research:** Maes P, Harries AD, Van den Bergh R, Noor A, Snow RW, Tayler-Smith K, et al. Can timely vector control interventions triggered by atypical environmental conditions prevent malaria epidemics? A case-study from Wajir County, Kenya. PLoS One. 2014;9(4):e92386. Epub 2014/04/05. **(SORT IT participants)**

8. EBOLA



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- 66. State of the art:** Chertow DS, Kleine C, Edwards JK, Scaini R, Giuliani R, Sprecher A. Ebola virus disease in West Africa--clinical manifestations and management. N Engl J Med. 2014;371(22):2054-7. Epub 2014/11/06.
- 67. Viewpoint:** Philips M, Markham A. Ebola: a failure of international collective action. Lancet. 2014;384(9949):1181.
- 68. Original research:** Baize S, Pannetier D, Oestereich L, Rieger T, Koivogui L, Magassouba N, et al. Emergence of Zaire Ebola virus disease in Guinea. N Engl J Med. 2014;371(15):1418-25. Epub 2014/04/18.
- 69. Original research:** Baggi F, Taybi A, Kurth A, Van Herp M, Di Caro A, Wolfel R, et al. Management of pregnant women infected with Ebola virus in a treatment centre in Guinea, June 2014. Euro Surveill. 2014;19(49). Epub 2014/12/20.

- 70. Original research:** Barry M, Traore FA, Sako FB, Kpamy DO, Bah EI, Poncin M, et al. Ebola outbreak in Conakry, Guinea: epidemiological, clinical, and outcome features. *Medecine et maladies infectieuses.* 2014;44(11-12):491-4. Epub 2014/11/14.
- 71. Original research:** Fitzpatrick G, Vogt F, Moi Gbabai O, Black B, Santantonio M, Folkesson E, et al. Describing readmissions to an Ebola case management centre (CMC), Sierra Leone, 2014. *Euro Surveill.* 2014;19(40):20924. Epub 2014/10/18.

9. OTHER INFECTIOUS DISEASES & VACCINATION



@ Samantha Maurin/MSF

- 72. Viewpoint:** Gerard SP, Kyrousis E, Zachariah R. Measles in the Democratic Republic of Congo: an urgent wake-up call to adapt vaccination implementation strategies. *Public Health Action.* 2014;4(1):6-8.
- 73. Original research:** Porta MI, Lenglet A, de Weerd S, Crestani R, Sinke R, Frawley MJ, et al. Feasibility of a preventive mass vaccination campaign with two doses of oral cholera vaccine during a humanitarian emergency in South Sudan. *Trans R Soc Trop Med Hyg.* 2014;108(12):810-5. Epub 2014/10/15.
- 74. Original research:** Dahmane A, van Griensven J, Van Herp M, Van den Bergh R, Nzomukunda Y, Prior J, et al. Constraints in the diagnosis and treatment of Lassa Fever and the effect on mortality in hospitalized children and women with obstetric conditions in a rural district hospital in Sierra Leone. *Trans R Soc Trop Med Hyg.* 2014;108(3):126-32. Epub 2014/02/19. **(SORT IT participants)**
- 75. Original research:** Salih NA, van Griensven J, Chappuis F, Antierens A, Mumina A, Hammam O, et al. Liposomal amphotericin B for complicated visceral leishmaniasis (kala-azar) in eastern Sudan: how effective is treatment for this neglected disease? *Trop Med Int Health.* 2014;19(2):146-52. Epub 2014/01/18. **(SORT IT participants)**

- 76. Original research:** Pereira PR, Isaakidis P, Hinderaker SG, Ali E, van den Boogaard W, Viana KS, et al. Burden of isolation for multidrug-resistant organisms in a tertiary public hospital in Southern Brazil. *American journal of infection control.* 2014. Epub 2014/12/08. **(SORT IT participants)**
- 77. Original research:** Mbuthia GW, Harries AD, Obala AA, Nyamogoba HDN, Simiyu C, Edginton ME, et al. Childhood immunisation in Bungoma County, Kenya, from 2008 to 2011: need for improved uptake. *Public Health Action.* 2014;4(1):9-11. **(SORT IT participants)**
- 78. Original research:** Das AK, Harries AD, Hinderaker SG, Zachariah R, Ahmed B, Shah GN, et al. Active and passive case detection strategies for the control of leishmaniasis in Bangladesh. *Public Health Action.* 2014;4(1):15-21. **(SORT IT participants)**

10. NON-COMMUNICABLE DISEASES



@ Florian Lens

- 79. Original research:** Sobry A, Kizito W, Van den Bergh R, Tayler-Smith K, Isaakidis P, Cheti E, et al. Caseload, management and treatment outcomes of patients with hypertension and/or diabetes mellitus in a primary health care programme in an informal setting. *Trop Med Int Health.* 2014;19(1):47-57. Epub 2014/05/23. **(SORT IT participants)**
- 80. Original research:** Khader A, Ballout G, Shahin Y, Hababeh M, Farajallah L, Zeidan W, et al. What happens to Palestine refugees with diabetes mellitus in a primary healthcare centre in Jordan who fail to attend a quarterly clinic appointment? *Trop Med Int Health.* 2014;19(3):308-12. Epub 2014/01/07.

- 81. Original research:** Khader A, Farajallah L, Shahin Y, Hababeh M, Abu-Zayed I, Zachariah R, et al. Hypertension and treatment outcomes in Palestine refugees in United Nations Relief and Works Agency primary health care clinics in Jordan. *Trop Med Int Health.* 2014;19(10):1276-83. Epub 2014/07/22.
- 82. Original research:** Kodouda SF, Zachariah R, Khogali M, van Griensven J, Saeed M, Hussein Ibrahim E, et al. How well are asthma treatment cards filled out in public health centres in Gazeera State, Sudan? *Public Health Action.* 2014;4(2):116-21. **(SORT IT participants)**
- 83. Original research:** Edwards JK, Thiongó A, Van den Bergh R, Kizito W, Kosgei RJ, Sobry A, et al. Preventable but neglected: rickets in an informal settlement, Nairobi, Kenya. *Public Health Action.* 2014;4(2):122-7. **(SORT IT participants)**

11. RATIONAL DRUG USE



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- 84. Original research:** Khan S, Andries A, Pherwani A, Saranchuk P, Isaakidis P. Patch-testing for the management of hypersensitivity reactions to second-line anti-tuberculosis drugs: a case report. *BMC research notes.* 2014;7:537. Epub 2014/08/17.
- 85. Original research:** Bajis S, Van den Bergh R, De Bruycker M, Mahama G, Van Overloop C, Satyanarayana S, et al. Antibiotic use in a district hospital in Kabul, Afghanistan: are we overprescribing? *Public Health Action.* 2014;4(4):259-64. **(SORT IT participants)**

12. SEXUAL AND REPRODUCTIVE HEALTH



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- 86. Viewpoint:** Harries AD, Jahn A, Ben-Smith A, Gadabu OJ, Douglas GP, Seita A, et al. Cohort analysis of antenatal care and delivery outcomes in pregnancy: a basis for improving maternal health. *Public Health Action.* 2014;4(2):75-8.
- 87. Viewpoint – comment on 89:** Zachariah R, De Smet M, Etienne W, Khogali M, Van den Bergh R, Veerman R, et al. Non-monetary incentives for pregnant women and antenatal attendance among Ethiopian pastoralists. *Public Health Action.* 2014;4(2):133.
- 88. Original research:** Loko Roka J, Van den Bergh R, Au S, De Plecker E, Zachariah R, Manzi M, et al. One size fits all? Standardised provision of care for survivors of sexual violence in conflict and post-conflict areas in the Democratic Republic of Congo. *PLoS One.* 2014;9(10):e111096. Epub 2014/10/21.
- 89. Original research:** Khogali M, Zachariah R, Reid AJ, Alipon SC, Zimble S, Gbane M, et al. Do non-monetary incentives for pregnant women increase antenatal attendance among Ethiopian pastoralists? *Public Health Action.* 2014;4(1):12-4.
- 90. Original research:** Martínez Pérez G, Metcalf C, Garone D, Coulborn R, Harries AD, Hedt-Gauthier B, et al. HIV testing and retention in care of infants born to HIV infected women enrolled in 'Option B+', Thyolo, Malawi. *Public Health Action.* 2014;4(2):102-4. **(SORT IT participants)**

13. SURGERY, ANAESTHESIA AND EMERGENCY DEPARTMENT



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- 91. Original research:** Dalwai MK, Twomey M, Maikere J, Said S, Wakeel M, Jemmy JP, et al. Reliability and accuracy of the South African Triage Scale when used by nurses in the emergency department of Timergara Hospital, Pakistan. S Afr Med J. 2014;104(5):372-5. Epub 2014/09/13.
- 92. Original research:** Sunyoto T, Van den Bergh R, Valles P, Gutierrez R, Ayada L, Zachariah R, et al. Providing emergency care and assessing a patient triage system in a referral hospital in Somaliland: a cross-sectional study. BMC Health Serv Res. 2014;14(1):531. Epub 2014/11/07. **(SORT IT participants)**
- 93. Original research:** Wong EG, Trelles M, Dominguez L, Gupta S, Burnham G, Kushner AL. Surgical skills needed for humanitarian missions in resource-limited settings: common operative procedures performed at Medecins Sans Frontieres facilities. Surgery. 2014;156(3):642-9. Epub 2014/03/26.
- 94. Original research:** Chu K, Maine R, Trelles M. Cesarean section surgical site infections in sub-saharan Africa: a multi-country study from medecins sans frontieres. World J Surg. 2015;39(2):350-5. Epub 2014/11/02.
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- 97. State of the art:** Gerdin M, Clarke M, Allen C, Kayabu B, Summerskill W, Devane D, et al. Optimal evidence in difficult settings: improving health interventions and decision making in disasters. PLoS Med. 2014;11(4):e1001632. Epub 2014/04/24.
- 98. Original research:** Maalim AM, Zachariah R, Khogali M, Van Griensven J, Van den Bergh R, Tayler-Smith K, et al. Supporting 'medicine at a distance' for delivery of hospital services in war-torn Somalia: how well are we doing? Int Health. 2014;6(1):70-3. Epub 2014/01/17. **(SORT IT participants)**
- 99. Original research:** Shah S, Van den Bergh R, Van Bellinghen B, Severy N, Sadiq S, Afridi SA, et al. Offering mental health services in a conflict affected region of Pakistan: who comes, and why? PLoS One. 2014;9(6):e97939. Epub 2014/06/26. **(SORT IT participants)**
- 100. Original research:** Armstrong E, Das M, Mansoor H, Babu RB, Isaakidis P. Treating drug-resistant tuberculosis in a low-intensity chronic conflict setting in India. Confl Health. 2014;8:25.
- 101. Original research:** Das M, Isaakidis P, Armstrong E, Gundipudi NR, Babu RB, Qureshi IA, et al. Directly-observed and self-administered tuberculosis treatment in a chronic, low-intensity conflict setting in India. PLoS One. 2014;9(3):e92131. Epub 2014/03/22.

15. OTHER OCB/LUXOR SUPPORTED PUBLICATIONS

There were a total of nineteen additional publications arising from the Structured Operational Research and Training Initiative (SORT IT) courses. These are jointly developed and

implemented by MSF Operational centre Brussels (Operational Research Unit) and SORT IT partners. SORT IT is a global partnership including the World Health Organization (WHO/TDR), Médecins sans Frontières, the International Union Against Tuberculosis and Lung Disease (The Union), University of Bergen, Norway; the Institute of Tropical Medicine, Antwerp, Belgium; The University of Nairobi, Kenya and the University of Chester, United Kingdom.

These publications reflect the impact of operational research in networking and as a catalyst for wider change.

- 102. Viewpoint – comment on 19-21:** Kamarulzaman A. Challenges in expanding access to antiretroviral therapy for key affected populations. Public Health Action. 2014;4(2):73.
- 103. Viewpoint – comment on 33:** Siedner MJ. Moving past the 'pre-treatment' era of HIV care. Public Health Action. 2014;4(4):209.
- 104. Original research:** Yirdaw KD, Jerene D, Gashu Z, Edginton ME, Kumar AM, Letamo Y, et al. Beneficial effect of isoniazid preventive therapy and antiretroviral therapy on the incidence of tuberculosis in people living with HIV in Ethiopia. PLoS One. 2014;9(8):e104557. Epub 2014/08/12.
- 105. Viewpoint:** Acosta CD, Rusovich V, Harries AD, Ahmedov S, van den Boom M, Dara M. A new roadmap for childhood tuberculosis. Lancet Glob Health. 2014;2(1):e15-7. Epub 2014/08/12. **(SORT IT participants)**
- 106. Viewpoint – comment on 48:** Azman AS, Dowdy DW. Bold thinking for bold results: modeling the elimination of tuberculosis. Int J Tuberc Lung Dis. 2014;18(8):883. Epub 2014/09/10.
- 107. Original research:** Xia Y, Goel S, Harries AD, Zhang Z, Gao T, Wang L, et al. Prevalence of extended treatment in pulmonary tuberculosis patients receiving first-line therapy and its association with recurrent tuberculosis in Beijing, China. Trans R Soc Trop Med Hyg. 2014;108(7):402-7. Epub 2014/05/28. **(SORT IT participants)**
- 108. Original research:** Tharu MB, Harries AD, Goel S, Srivastava S, Kumar AMV, Adhikari M, et al. Screening retreatment tuberculosis patients for drug resistance in mid-west Nepal: how well are we doing? Public Health Action. 2014;4(1):60-5. **(SORT IT participants)**
- 109. Original research:** Alikhanova N, Akhundova I, Seyfaddinova M, Mammadbayov E, Mirtskulava V, Rüsç-Gerder S, et al. First national survey of anti-tuberculosis drug resistance in Azerbaijan and risk factors analysis. Public Health Action. 2014;4(S2):S17-S23. **(SORT IT participants)**
- 110. Original research:** Prasad P, Gounder S, Varman S, Viney K. Sputum smear conversion and treatment outcomes for tuberculosis patients with and without diabetes in Fiji. Public Health Action. 2014;4(3):159-63 **(SORT IT participants)**
- 111. Original research:** Alo A, Gounder S, Graham SM. Clinical characteristics and treatment outcomes of tuberculosis cases hospitalised in the intensive phase in Fiji. Public Health Action. 2014;4(3):164-8. **(SORT IT participants)**
- 112. Original research:** Mahadeo R, Gounder S, Graham SM. Changing from single-drug to fixed-dose combinations: experience from Fiji. Public Health Action. 2014;4(3):169-73. **(SORT IT participants)**
- 113. Original research:** Narayan N, Viney K, Varman S. Comparison of tuberculosis treatment outcomes by method of treatment supervision in the Fiji Islands. Public Health Action. 2014;4(3):174-8. **(SORT IT participants)**
- 114. Original research:** Gounder A, Gounder S, Reid SA. Evaluation of the implementation of the Xpert® MTB/RIF assay in Fiji. Public Health Action. 2014;4(3):179-83. **(SORT IT participants)**
- 115. Original research:** Reddy M, Gounder S, Reid SA. Tuberculosis diagnostics in Fiji: how reliable is culture? Public Health Action. 2014;4(3):184-8. **(SORT IT participants)**
- 116. Original research:** Kumar R, Goel S, Harries AD, Lal P, Singh RJ, Kumar AM, et al. How good is compliance with smoke-free legislation in India? Results of 38 subnational surveys. Int Health. 2014;6(3):189-95. Epub 2014/05/31. **(SORT IT participants)**
- 117. Original research:** Mi F, Jiang G, Du J, Li L, Yue W, Harries AD, et al. Is resistance to anti-tuberculosis drugs associated with type 2 diabetes mellitus? A register review in Beijing, China. Global health action. 2014;7:24022. Epub 2014/05/23. **(SORT IT participants)**
- 118. Original research:** Waloki M, Rosevaere C, Tikolevu L, Ram S, Bissell K. Stroke rehabilitation in Fiji: are patients receiving services? Public Health Action. 2014;4(3):150-4. **(SORT IT participants)**
- 119. Original research:** Kumar K, Snowdon W, Ram S, Khan S, Cornelius M, Tukana I, et al. Descriptive analysis of diabetes-related amputations at the Colonial War Memorial Hospital, Fiji, 2010–2012. Public Health Action. 2014;4(3):155-8. **(SORT IT participants)**
- 120. Original research:** Mubiligi JM, Hedt-Gauthier B, Mpunga T, Tapela N, Okao N, Harries AD, et al. Caring for patients with surgically resectable cancers: experience from a specialised centre in rural Rwanda. Public Health Action. 2014;4(2):128-32. **(SORT IT participants)**

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