

MSF - OPERATIONAL CENTRE BRUSSELS

OCB SCIENTIFIC PUBLICATIONS 2013

BELGIUM - BRAZIL - DENMARK - HONG KONG - ITALY - LUXEMBOURG - NORWAY - SOUTH AFRICA - SWEDEN



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FOREWORD

Operational research in MSF is about the “science of implementation”. It helps bridge a gap between knowledge that is generated and how we effectively apply this knowledge into practice in diverse contexts.

A scientific publication is an important indicator of a successfully completed research study. The associated peer-review process improves the quality as well as scientific credibility.

However, publications are not the endpoint for operational research in an implementing organisation such as MSF. They serve as a useful tool for advocacy to change and are the beginning of the process to change policy and practice and ultimately improve the care we provide to our beneficiaries.

I am delighted to present this collection of MSF-OCB associated publications for the year 2013.

MSF OCB published 101 manuscripts, covering 12 broad medical topics. A considerable proportion of these publications were generated through SORT IT (Structured operational Research Training Initiative), a capacity building partnership program aimed at implementers and which has been a key element in diversifying the operational research portfolio.

All publications in this booklet are available in the attached CD and are also available free and online, at the MSF scientific web site: <http://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

1. OPERATIONAL RESEARCH



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1. **State of the art:** Kumar AMV, Naik B, Guddemane DK, Bhat P, Wilson N, Sreenivas AN, et al. *Efficient, quality-assured data capture in operational research through innovative use of open-access technology.* Public Health Action. 2013;3(1):60-2.

2. **State of the art:** Demez C, Zachariah R, Reid T, Harries AD. Oh no! Power out, internet down! *Two challenges in running training courses in low- and middle-income countries.* Public Health Action. 2013;3(2):96.

3. **Viewpoint:** Zachariah R, Reid T, Van den Bergh R, Dahmane A, Kosgei RJ, Hinderaker SG, et al. *Applying the ICMJE authorship criteria to operational research in low-income countries: the need to engage programme managers and policy makers.* Trop Med Int Health. 2013;18(8):1025-8.

4. **Viewpoint – comment on 3:** Cairncross S, van Asten H, Jaffar S, Junghanss T, Meyer CG, Van der Stuyft P. *The ICMJE authorship criteria: a response from the editors.* Trop Med Int Health. 2013;18(10):1162-3.

5. **Viewpoint – comment on 4:** Zachariah R, Reid T, Van den Bergh R, Kumar AMV, Tayler-Smith K, Khogali M, et al. RE: *Applying the ICMJE authorship criteria to operational research in low-income countries: the need to engage programme managers and policy makers by Zachariah et al.* Trop Med Int Health. 2014;19(1):129-30.

6. **Viewpoint – comment on 3:** Briët OJT, Smith TA. Response to *Applying the ICMJE authorship criteria to operational research in low-income countries: the need to engage programme managers and policy makers* by Zachariah et al. Trop Med Int Health. 2014;19(1):128.

7. **Viewpoint:** Satyanarayana S, Kumar AMV, Wilson N, Kapur A, Harries AD, Zachariah R. *Taking on the diabetes-tuberculosis epidemic in India: paving the way through operational research.* Public Health Action. 2013;3(S1):S1-2.

8. **Viewpoint:** Oladimeji O, Isaakidis P, Zachariah R, Hinderaker SG, Koghali M, van Griensven J, et al. *Oops, what about ethics?* Public Health Action. 2013;3(3):253-4. **(Union-MSF course student)**

9. **Viewpoint:** Harries AD, Kumar AMV, Satyanarayana S, Bissell K, Hinderaker SG, Edginton M, et al. *References for scientific papers: why not standardise to one global style?* Public Health Action. 2013;3(3):255-7.

10. **Viewpoint:** Harries AD, Zachariah R, Maher D. *The power of data: using routinely collected data to improve public health programmes and patient outcomes in low- and middle-income countries.* Trop Med Int Health. 2013;18(9):1154-6.

11. **Original research:** Kumar AMV, Satyanarayana S, Wilson N, Zachariah R, Harries AD. *Operational research capacity building in Asia: innovations, successes and challenges of a training course.* Public Health Action. 2013;3(2):186-8.

2. HEALTH SYSTEMS & HEALTH POLICY



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12. **Original research:** Basnet R, Shrestha BR, Nagaraja SB, Basnet B, Satyanarayana S, Zachariah R. *Universal health coverage in a regional Nepali hospital: who is exempted from payment?* Public Health Action. 2013;3(1):90-2. **(Union-MSF course student)**

13. **Original research:** Kumar R, Chauhan G, Satyanarayana S, Lal P, Singh RJ, Wilson NC. *Assessing compliance to smoke-free legislation: results of a sub-national survey in Himachal Pradesh, India.* WHO S-E Asia J Publ Health. 2013;2(1):52-6. **(Union-MSF course student)**

3. HEALTH PROGRAMME MONITORING & MANAGEMENT



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- 14. Review:** Decroo T, Rasschaert F, Telfer B, Remartinez D, Laga M, Ford N. *Community-based antiretroviral therapy programs can overcome barriers to retention of patients and decongest health services in sub-Saharan Africa: a systematic review.* *Int Health.* 2013;5(3):169-79.
- 15. State of the art:** Benoît A. *New roots for rural health: challenging unequal access in South Africa. The Musina model of care 2013.* MSF South Africa. 2013;1-12.
- 16. Original research:** Estill J, Egger M, Blaser N, Vizcaya LS, Garone D, Wood R, et al. *Cost-effectiveness of point-of-care viral load monitoring of ART in resource-limited settings: Mathematical modelling study.* *AIDS.* 2013;27(9):1483-92.
- 17. Original research:** Islam S, Harries AD, Malhotra S, Zaman K, Husain A, Islam A, Ahmed F. *Training of community healthcare providers and TB case detection in Bangladesh.* *Int Health.* 2013;5(3):223-7.
- 18. Original research:** Aiyub S, Linh NN, Tayler-Smith K, Khogali M, Bissell K. *Nurses graduating in Fiji between 2001 and 2010: sufficient supply for Fiji's health service demands?* *Public Health Action.* 2013;3(1):63-7. **(Union-MSF course student)**
- 19. Original research:** Patten GEM, Wilkinson L, Conradie K, Isaakidis P, Harries AD, Edginton M, et al. *Impact on ART initiation of point-of-care CD4 testing at HIV diagnosis among HIV-positives youth in Khayelitsha, South Africa.* *J Int AIDS Soc.* 2013;16:18518. **(Union-MSF course student)**
- 20. Original research:** Shah SK, Kumar AMV, Dogar OF, Khan MA, Qadeer E, Tahseen S, et al. *Xpert® MTB/RIF under routine conditions in diagnosing pulmonary tuberculosis: a study in two hospitals in Pakistan.* 2013;3(1):20-2. **(Union-MSF course student)**
- 21. Original research:** Singogo E, Kanike E, van Lettow M, Cataldo F, Zachariah R, Bissell K, Harries AD. *Village registers for vital registration in rural Malawi.* *Trop Med Int Health.* 2013;18(8):1021-4. **(Union-MSF course student)**
- 22. Original research:** Kilale AM, Ngowi BJ, Mfinanga GS, Egwaga S, Doulla B, Kumar AMV, et al. *Are sputum samples of retreatment tuberculosis reaching the reference laboratories? A 9-year audit in Tanzania.* *Public Health Action.* 2013;3(2):156-9. **(Union-MSF course student)**
- 23. Original research:** Mlilo N, Sandy C, Harries AD, Kumar AMV, Masuka N, Nyathi B, et al. *Does the type of treatment supporter influence tuberculosis treatment outcomes in Zimbabwe?* *Public Health Action.* 2013;3(2):146-8. **(Union-MSF course student)**
- 24. Original research:** Shastri S, Satyanarayana S, Nagaraja SB, Kumar AMV, Rewan B, Harries AD, Zachariah R. *The journey to antiretroviral therapy in Karnataka, India: who was lost on the road?* *Int J AIDS Soc.* 2013;6:18502. **(Union-MSF course student)**
- 25. Original research:** Shastri S, Boregowda PH, Rewari BB, Tanwar S, Shet A, Kumar AMV. *Scaling up antiretroviral treatment services in Karnataka, India: impact on CD4 counts of HIV-infected people.* *PLoS One.* 2013;8(8):e72188. **(Union-MSF course student)**
- 26. Original research:** Decroo T, Lara J, Rasschaert F, Bermudez-Asa EH, Couto A, Candrinho B, et al. *Scaling up community ART groups in Mozambique.* *Int STD Res Rev.* 2013;1(2):49-59.
- 27. Original research:** Estill J, Egger M, Johnson LF, Gsponer T, Wandeler G, Davies M-A, et al. *Monitoring of Antiretroviral Therapy and Mortality in HIV Programmes in Malawi, South Africa and Zambia: Mathematical Modelling Study.* *Plos One.* 2013;8(2):e57611.
- 28. Original research:** Garone DB, Conradie K, Patten G, Cornell M, Goemaere E, Kunene J, et al. *High rate of virological re-suppression among patients failing second-line antiretroviral therapy following enhanced adherence support: A model of care in Khayelitsha, South Africa.* *S Afr J HIV Med.* 2013;14(4):166-9.
- 29. Original research:** Gungowo H, Zachariah R, Bissell K, Ndebele W, Moyo J, Mutasa-Apollo T. *A 'one-stop shop' approach in antenatal care: does this improve antiretroviral treatment uptake in Zimbabwe?* *Public Health Action.* 2013;3(4): 282-5. **(Union-MSF course student)**
- 30. Original research:** van Soelen N, duPreez K, van Wyk SS, Mandalakas AM, Enarson DA, Reid AJ, Hesseling AC. *Does an Isoniazid Prophylaxis Register Improve Tuberculosis Contact Management in South African Children?* *Plos One.* 2013;8(12):e80803. **(Union-MSF course student)**

4. HIV

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31. Review: Harries AD, Zachariah R. *AIDS Review. Africa Health.* 2013;41-2.

32. Review: Ford N, Shubber Z, Saranchuk P, Pathai S, Durier N, O'Brien DP, et al. *Burden of HIV-related cytomegalovirus retinitis in resource-limited settings: a systematic review.* *Clin Infect Dis.* 2013;57(9):1351-61.

33. Original research: Hoffmann CJ, Schomaker M, Fox MP, Mutevedzi P, Giddy J, Prozesky H, et al. *CD4 count slope and mortality in HIV-infected patients on antiretroviral therapy: multicohort analysis from South Africa.* *J Acquir Immune Defic Syndr.* 2013;63:34-41.

34. Original research: Johnson LF, Mossong J, Dorrington M, Hoffmann CJ, Keiser O, Fox MP, et al. *Life Expectancies of South African Adults Starting Antiretroviral Treatment: Collaborative Analysis of Cohort Studies.* *PLoS Med.* 2013;10(4):e1001418.

35. Original research: Maskew M, Fox MP, van Cutsem G, Chu K, MacPhail P, Boulle A, et al. *Treatment Response and Mortality among Patients Starting Antiretroviral Therapy with and without Kaposi Sarcoma: A Cohort Study.* *PLoS One.* 2013;8(6):e64392.

36. Original research: Mwinjiwa E, Isaakidis P, Van den Bergh R, Harries AD, Bezanson KD, Beyene T, et al. *Burden, characteristics, management and outcomes of HIV-infected patients with Kaposi's sarcoma in Zomba, Malawi.* *Public Health Action.* 2013;3(2):180-5.

(Union-MSF course student)

37. Original research: Pannus P, Fajardo E, Metcalf C, Coulborn RM, Durán LT, Bygrave H, et al. *Pooled HIV-1 Viral Load Testing Using Dried Blood Spots to Reduce the Cost of Monitoring Antiretroviral Treatment in a Resource-Limited Setting.* *J Acquir Immune Defic Syndr.* 2013;64:134-7.

38. Original research: Bohlius J, Valeri F, Maskew M, Prozesky H, Chimbetete C, Lumano-Mulenga P, et al. *Incidence of Kaposi Sarcoma in HIV-infected patients – a prospective multi-cohort study from Southern Africa.* *Infectious Agents and Cancer.* 2012;7(S1):O20.
(Oral presentation)

39. Original research: Barnett W, Patten G, Kerschberger B, Conradie K, Garone DB, van Cutsem G, Colvin CJ. *Perceived adherence barriers among patients failing second-line antiretroviral therapy in Khayelitsha, South Africa.* *S Afr J HIV Med.* 2013;14(4):170-6.

5. HIV/TUBERCULOSIS CO-INFECTION



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40. Viewpoint: Saranchuk P, Bedelu M, Heiden D. *Retinal examination can help identify disseminated tuberculosis in patients with HIV/AIDS.* *Clin Infect Dis.* 2013;56:310-1.

41. Original research: Fenner L, Reid SE, Fox MP, Garone D, Wellington M, Prozesky H, et al. *Tuberculosis and the risk of opportunistic infections and cancers in HIV-infected patients starting ART in Southern Africa.* *Trop Med Int Health.* 2013;18(2):194-8.

42. Original research: Isaakidis P, Paryani R, Khan S, Mansoor H, Manglani M, Valiyakath A, et al. *Poor Outcomes in a Cohort of HIV-Infected Adolescents Undergoing Treatment for Multidrug-Resistant Tuberculosis in Mumbai, India.* *PLoS One.* 2013;8(7):e68869.

43. Original research: Mehta S, Mansoor H, Khan S, Saranchuk P, Isaakidis P. *Ocular inflammatory disease and ocular tuberculosis in a cohort of patients co-infected with HIV and multidrug-resistant tuberculosis in Mumbai, India: a cross-sectional study.* *BMC Infect Dis.* 2013;13:225.

44. Original research: Isaakidis P, Rangan S, Pradhan A, Ladomirska J, Reid T, Kielmann K. 'I cry every day': experiences of patients co-infected with HIV and multidrug-resistant tuberculosis. *Trop Med Int Health*. 2013;18(9):1128-33.

45. Original research: Andries A, Isaakidis P, Das M, Khan S, Paryani R, Desai C, et al. *High Rate of Hypothyroidism in Multidrug-Resistant Tuberculosis Patients Co-Infected with HIV in Mumbai, India*. *PLoS One*. 2013;8(10):e78313.

46. Original research: Laureillard D, Marcy O, Madec Y, Chea S, Chan S, Borand L, et al. *Paradoxical tuberculosis-associated immune reconstitution inflammatory syndrome after early initiation of antiretroviral therapy in a randomized clinical trial*. *AIDS*. 2013;27:2577-86.

47. Original research: Palanivel C, Kumar AMV, Mahalakshmi T, Govindarajan S, Claassens M, Satyanarayana S, et al. *Uptake of HIV testing and HIV positivity among presumptive tuberculosis patients at Puducherry, South India*. *Public Health Action*. 2013;3(3):220-3. **(Union-MSF course student)**

6. TUBERCULOSIS (INCLUDING DRUG-RESISTANT TUBERCULOSIS)



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48. State of the art: Brigden G, Nyang'wa B-T, du Cros P, Varaine F, Hughes J, Rich M, et al. *Principles for designing future regimens for multidrug-resistant tuberculosis*. *Bull World Health Organ*. 2014;92:68-74.

49. Original research: Ananthkrishnan R, Kumar K, Ganesh M, Kumar AMV, Krishnan N, Swaminathan S, et al. *The Profile and Treatment Outcomes of the Older (Aged 60 Years and Above) Tuberculosis Patients in Tamilnadu, South India*. *PLoS One*. 2013;8(7):e67288. **(Union-MSF course student)**

50. Original research: Khogali M, Tayler-Smith K, Zachariah R, Gbane M, Zimble S, Weyeyso T, Harries AD. *Diagnosis of pulmonary tuberculosis in a pastoralist population in Ethiopia: are three sputum specimens needed?* *Trop Med Int Health*. 2013;18(5):632-5.

51. Original research: Ade S, Harries AD, Trébucq A, Hinderaker SG, Ade G, Agodokpessi G, et al. *The burden and outcomes of childhood tuberculosis in Cotonou, Benin*. *Public Health Action*. 2013;3(1):15-9. **(Union-MSF course student)**

52. Original research: Jamtsho T, Harries AD, Malhotra S, Wangchuk D, Dophu U, Dorji T, Dendup T. *The burden and treatment outcomes of extra-pulmonary tuberculosis in Bhutan*. *Public Health Action*. 2013;3(1):38-42. **(Union-MSF course student)**

53. Original research: Dendup T, Dorji T, Edginton M, Kumar AMV, Wangchuk D, Dophu U, et al. *Childhood tuberculosis in Bhutan: profile and treatment outcomes*. *Public Health Action*. 2013;3(1):11-4. **(Union-MSF course student)**

54. Original research: Jayakody W, Harries AD, Malhotra S, de Alwis S, Samaraweera S, Pallewatta N. *Characteristics and outcomes of tuberculosis patients who fail to smear convert at two months in Sri Lanka*. *Public Health Action*. 2013;3(1):26-30. **(Union-MSF course student)**

55. Original research: Nakanwagi-Mukwaya A, Reid AJ, Fujiwara PI, Mugabe F, Kosgei RJ, Tayler-Smith K, et al. *Characteristics and treatment outcomes of tuberculosis retreatment cases in three regional hospitals, Uganda*. *Public Health Action*. 2013;3(2):149-55. **(Union-MSF course student)**

56. Original research: Ade S, Trébucq A, Harries AD, Affolabo D, Ade G, Agodokpessi G, et al. *MDR-TB treatment needs in patients previously treated for TB in Cotonou, Benin*. *Public Health Action*. 2013;3(2):160-5.

57. Original research: Siddiquea BN, Islam AM, Bam TS, Satyanarayana S, Enarson DA, Reid AJ, et al. *High quit rate among smokers with tuberculosis in a modified smoking cessation programme in Dhaka, Bangladesh*. *Public Health Action*. 2013;3(3):243-6. **(Union-MSF course student)**

58. Original Research: Patra S, Lukhmana S, Tayler-Smith K, Kannan AT, Satyanarayana S, Enarson DA, et al. *Profile and treatment outcomes of elderly patients with tuberculosis in Delhi, India: implications for their management.* *Trans R Soc Trop Med Hyg.* 2013;107(12):763-8. **(Union-MSF course student)**

59. Original research: Ade S, Harries AD, Trébucq AD, Hinderaker SG, Adè G, Agodokpessi G, et al. *National profile and treatment outcomes of adult smear-negative pulmonary TB patients in Benin.* *Trans R Soc Trop Med Hyg.* 2013;107:783-8. **(Union-MSF course student)**

60. Original research: Ganzaya S, Naranbat N, Bissell K, Zachariah R. *Countrywide audit of multidrug-resistant tuberculosis and treatment outcomes in Mongolia.* *Public Health Action.* 2013;3(4):333-6. **(Union-MSF course student)**

61. Original research: Lim LK-Y, Enarson DA, Reid AJ, Satyanarayana S, Cutter J, Kyi Win KM, et al. *Notified tuberculosis among Singapore residents by ethnicity, 2002-2011.* *Public Health Action.* 2013;3(4):311-6. **(Union-MSF course student)**

62. Original research: Khann S, Mao ET, Rajendra YP, Satyanarayana S, Nagaraja SB, Kumar AMV. *Linkage of Presumptive Multidrug Resistant Tuberculosis (MDR-TB) Patients to Diagnostic and Treatment Services in Cambodia.* *PLoS One.* 2013;8(4):e59903. **(Union-MSF course student)**

63. Original research: Wahome E, Makori L, Gikera M, Wafula J, Chakaya J, Edginton ME, Kumar AMV. *Tuberculosis treatment outcomes among hospital workers at a public teaching and national referral hospital in Kenya.* *Public Health Action.* 2013;3(4):323-7. **(Union-MSF course student)**

7. NUTRITION



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64. Original research: Ali E, Zachariah R, Shams Z, Vernaeve L, Alders P, Salio F, et al. *Is mid-upper arm circumference alone sufficient for deciding admission to a nutritional programme for childhood severe acute malnutrition in Bangladesh?* *Trans R Soc Trop Med Hyg.* 2013;107(5):319-23.

65. Original research: Ali E, Zachariah R, Dahmane A, Van den Boogaard W, Shams Z, Akter T, et al. *Peanut-based ready-to-use therapeutic food: acceptability among malnourished children and community workers in Bangladesh.* *Public Health Action.* 2013;3(2):128-35.

66. Original research: Bhat PG, Kumar AMV, Naik B, Satyanarayana S, Deepak KG, Sreenivas A, et al. *Intensified Tuberculosis Case Finding among Malnourished Children in Nutritional Rehabilitation Centres of Karnataka, India: Missed Opportunities.* *PLoS One.* 2013;8(12):e84255. **(Union-MSF course student)**

67. Original research: Ali E, Zachariah R, Shams Z, Manzi M, Akter T, Alders P, et al. *Peanut-based ready-to-use therapeutic food: how acceptable and tolerated is it among malnourished pregnant and lactating women in Bangladesh?* *Matern Child Nutr.* 2013;Epub ahead of print.

68. Original research: Kumar B, Shrivastava J, Satyanarayana S, Reid AJ, Ali E, Zodpey S, Agnani M. *How effective is the integration of facility and community-based management of severe acute malnutrition in India?* *Public Health Action.* 2013;3(4):265-70. **(Union-MSF course student)**

8. NON-COMMUNICABLE DISEASES



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- 69. Review:** Harries AD, Satyanarayana S, Kumar AMV, Nagaraja SB, Isaakidis P, Malhotra S, et al. *Epidemiology and interaction of diabetes mellitus and tuberculosis and challenges for care: a review*. Public Health Action. 2013;3(S1):S3-9.
- 70. Original research:** Prakash BC, Ravish KS, Prabhakar B, Ranganath TS, Naik B, Satyanarayana S, et al. *Tuberculosis-diabetes mellitus bidirectional screening at a tertiary care centre, South India*. Public Health Action. 2013;3(S1):S18-22.
- 71. Original research:** Kumpatla S, Sekar A, Achanta S, Sharath BN, Kumar AMV, Harries AD, Viswanathan V. *Characteristics of patients with diabetes screened for tuberculosis in a tertiary care hospital in South India*. Public Health Action. 2013;3(S1):S23-8.
- 72. Original research:** Dave P, Shah A, Chauhan M, Kumar AMV, Harries AD, Malhotra S, et al. *Screening patients with tuberculosis for diabetes mellitus in Gujarat, India*. Public Health Action. 2013;3(S1):S29-33.
- 73. Original research:** Naik B, Kumar AMV, Satyanarayana S, Suryakant MD, Swamy NMV, Nair S, et al. *Is screening for diabetes among tuberculosis patients feasible at field level?* Public Health Action. 2013;3(S1):S34-7.
- 74. Original research:** Nair S, Kumari AK, Subramonianpillai J, Shabna DS, Kumar SM, Balakrishnan S, et al. *High prevalence of undiagnosed diabetes among tuberculosis patients in peripheral health facilities in Kerala*. Public Health Action. 2013;3(S1):S38-42.
- 75. Original research:** Achanta S, Tekumalla RR, Jaju J, Purad C, Chepuri R, Samyukta R, et al. *Screening tuberculosis patients for diabetes in a tribal area in South India*. Public Health Action. 2013;3(S1):S43-7.
- 76. Original research:** Khanna A, Lohya S, Sharath BN, Harries AD. *Characteristics and treatment response in patients with tuberculosis and diabetes mellitus in New Delhi, India*. Public Health Action. 2013;3(S1):S48-50.
- 77. Original research:** Jali MV, Mahishale VK, Hiremath MB, Satyanarayana S, Kumar AMV, Nagaraja SB, Isaakidis P. *Diabetes mellitus and smoking among tuberculosis patients in a tertiary care centre in Karnataka, India*. Public Health Action. 2013;3(S1):S51-3.
- 78. Original research:** India Tuberculosis-Diabetes Study Group. *Screening of patients with tuberculosis for diabetes mellitus in India*. Trop Med Int Health. 2013;18(5):636-45.
- 79. Original research:** Varman S, Bullen C, Tayler-Smith K, Van den Bergh R, Khogali M. *Primary school compliance with school canteen guidelines in Fiji and its association with student obesity*. Public Health Action. 2013;3(1):81-4. **(Union-MSF course student)**
- 80. 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. **(Union-MSF course student)**
- 81. Original research:** Srivastava S, Malhotra S, Harries AD, Lal P, Arora M. *Correlates of tobacco quit attempts and cessation in the adult population of India: secondary analysis of the Global Adult Tobacco Survey, 2009-10*. BMC Publ Health. 2013;13:263. **(Union-MSF course student)**
- 82. Original research:** Khader A, Ballout G, Shahin Y, Hababeh M, Farajallah L, Zeidan W, et al. *Diabetes mellitus and treatment outcomes in Palestine refugees in UNRWA primary health care clinics in Jordan*. Public Health Action. 2013;3(4):259-64.
- 83. Original research:** Khader A, Ballout G, Shahin Y, Hababeh M, Farajallah L, Zeidan W, et al. *Treatment outcomes in a cohort of Palestine refugees with diabetes mellitus followed through use of E-Health over 3 years in Jordan*. Trop Med Int Health. 2014;19(2):219-23.

9. RATIONAL DRUG USE



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- 84. Viewpoint – comment on 88 & 101:** Kruger M. *The importance of standard treatment guidelines in paediatric practice in Africa.* Public Health Action. 2013;3(2):94.
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- 85. Original research:** Njuguna C, Orrell C, Kaplan R, Bekker L-G, Wood R, Lawn S. *Rates of Switching Antiretroviral Drugs in a Primary Care Service in South Africa before and after Introduction of Tenofovir.* PLoS One. 2013;8(5):e63596.
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- 86. Original research:** Phe T, Vlieghe E, Reid T, Harries AD, Lim K, Thai S, et al. *Does HIV status affect the aetiology, bacterial resistance patterns and recommended empiric antibiotic treatment in adult patients with bloodstream infection in Cambodia?* Trop Med Int Health. 2013;18(4):485-94. **(Union-MSF course student)**
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- 87. Original research:** Wandeler G, Gsponer T, Mulenga L, Garone D, Wood R, Maskew M, et al. *AZT impairs immunological recovery on first-line ART: collaborative analysis of cohort studies in Southern Africa.* AIDS. 2013;27:2225-32.
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- 88. Original research:** De Bruycker M, Van den Bergh R, Dahmane A, Khogali M, Schiavetti B, Nzomukunda Y, et al. *Non-adherence to standard treatment guidelines in a rural paediatric hospital in Sierra Leone.* Public Health Action. 2013;3(2):118-24. **(Union-MSF course student)**
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- 89. Original research:** 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.

10. SEXUAL AND REPRODUCTIVE HEALTH



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- 90. Viewpoint:** Martinez Pérez G, Shah S. *On MeSH : have female genitalie fallen into oblivion?* J Sex Med. 2013;10(10):2605-6.
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- 91. Viewpoint – comment on 93:** Bartels SA. *Sexual and gender-based violence.* Public Health Action. 2013;3(2):93.
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- 92. Original research:** Tuinakelo LR, Tayler-Smith K, Khogali M, Marks GB. *Prevalence of anaemia, syphilis and hepatitis B in pregnant women in Nausori, Fiji.* Public Health Action. 2013;3(1):72-5. **(Union-MSF course student)**
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- 93. Original research:** Buard V, Van den Bergh R, Tayler-Smith K, Goda P, Sobry A, Kosgei RJ, et al. *Characteristics, medical management and outcomes of survivors of sexual gender-based violence, Nairobi, Kenya.* Public Health Action. 2013;3(2):109-12. **(Union-MSF course student)**
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- 94. Original research:** Bishinga A, Zachariah R, Hinderaker S, Tayler-Smith K, Khogali M, van Griensven J, et al. *High loss to follow-up following obstetric fistula repair surgery in rural Burundi: is there a way forward?* Public Health Action. 2013;3(2):113-7. **(Union-MSF course student)**
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- 95. Original research:** Isaakidis P, Pimple S, Varghese B, Khan S, Mansoor H, Ladomirska J, et al. *HPV infection, cervical abnormalities, and cancer in HIV-infected women in Mumbai, India: 12-month follow-up.* Int J Women's Health. 2013;5:487-94.
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