

MSF - OPERATIONAL CENTRE BRUSSELS

# OCB - RELATED SCIENTIFIC PUBLICATIONS 2016



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Cover: Two year old boy sleeps  
in the open air. His parents do  
not have a tent and there is no  
room available in the temporary  
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# FOREWORD

Operational research is vital to ensure that scientific knowledge is effectively applied in real world situations, so that patients and communities benefit.

This booklet contains peer-reviewed scientific publications from operational research conducted or supported by MSF. Publications are an indicator of successfully completed research. Importantly, going through the hard task of the publication process ensures that research is subjected to independent peer review – an accepted quality control standard in medicine.

Publications also serve as a credible “advocacy tool” for improving health services in the countries we work in.

I am delighted to present this collection of publications supported by the MSF Operational Centre Brussels for the year 2016. The collection includes publications in seventeen thematic areas.

A considerable proportion of articles were generated through SORT IT (The Structured Operational Research Training Initiative), a global operational research capacity-building partnership which teaches health professionals the practical skills for conducting and publishing research in line with their operational priorities. This initiative continues to help MSF diversify its research portfolio and capacity and also build new networks.

All open access 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](http://www.fieldresearch.msf.org).

My sincere gratitude to all those in the field, headquarters and particularly to our collaborating partners and donors for their continued support.



**Dr Sebastian Spencer**

Medical Director  
MSF Operational Centre Brussels

# OCB-RELATED SCIENTIFIC PUBLICATIONS 2016 - CONTENT

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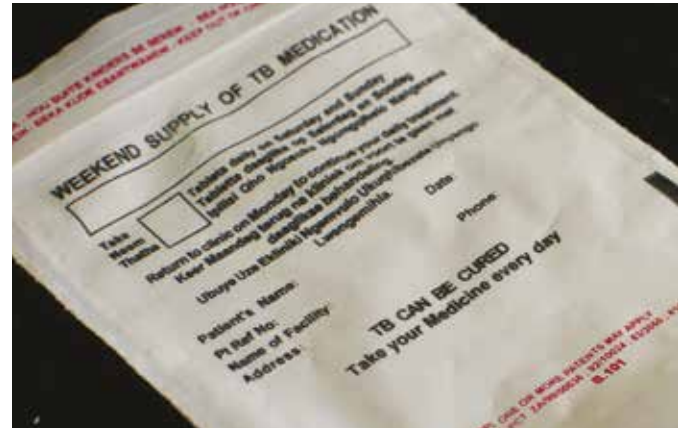
## 1. OPERATIONAL RESEARCH



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1. **Viewpoint:** Guillerm N, Dar Berger S, Bissell K, Kumar AM, Ramsay A, Reid AJ, et al. Sustained research capacity after completing a Structured Operational Research and Training (SORT IT) course. Public Health Action. 2016;6(3):207-8. Epub 2016/10/04.
2. **Viewpoint – comment on 2, 24, 40-47:** Becerra-Posada F, Espinal MA, Reeder J. Operational research to strengthen tuberculosis control in the Americas. Revista panamericana de salud publica = Pan American journal of public health. 2016;39(1):1-2. Epub 2016/10/19.
3. **Viewpoint – comment on 28, 58-60, 84-85, 94, 112-113:** Owiti PO, Kosgei RJ, Kihara A-B, Ogotu O, Kizito W, Edwards JK, et al. Structured Operational Research and Training in the Public Health Sector: The Kenyan experience. East African Medical Journal. 2016;93(10):S1-S2.
4. **Original research:** Kumar AM, Shewade HD, Tripathy JP, Guillerm N, Tayler-Smith K, Berger SD, et al. Does research through Structured Operational Research and Training (SORT IT) courses impact policy and practice? Public Health Action. 2016;6(1):44-9. Epub 2016/04/07.
5. **Original research:** Zachariah R, Rust S, Berger SD, Guillerm N, Bissell K, Delaunoy P, et al. Building Global Capacity for Conducting Operational Research Using the SORT IT Model: Where and Who? PLoS One. 2016;11(8):e0160837. Epub 2016/08/10.

## 2. HEALTH SYSTEMS & PROGRAMME MONITORING



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6. **Original research:** Romero BC, Joya MC, Aviles MA, Navarro RM, Decroo T, Zachariah R. Tuberculosis among indigenous municipalities in Mexico: analysis of case notification and treatment outcomes between 2009 and 2013. Revista panamericana de salud publica = Pan American journal of public health. 2016;39(1):32-7. Epub 2016/10/19. **(SORT-IT course participant)**

## 3. HIV



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7. **Review:** Bemelmans M, Baert S, Negussie E, Bygrave H, Biot M, Jamet C, et al. Sustaining the future of HIV counselling to reach 90-90-90: a regional country analysis. J Int AIDS Soc. 2016;19(1):20751. Epub 2016/05/18.
8. **Review:** Nachege JB, Adetokunboh O, Uthman OA, Knowlton AW, Altice FL, Schechter M, et al. 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. Curr HIV/AIDS Rep. 2016;13(5):241-55. Epub 2016/08/01.

9. **Review:** Harries AD, Takarinda K, Zachariah R. AIDS Review. Africa Health. 2016;38(2):30-2.
10. **Review:** Harries AD, Suthar AB, Takarinda KC, Tweya H, Kyaw NT, Tayler-Smith K, et al. Ending the HIV/AIDS epidemic in low- and middle-income countries by 2030: is it possible? F1000Research. 2016;5:2328. Epub 2016/10/06.
11. **State of the art:** Stinson K, Goemaere E, Coetzee D, van Cutsem G, Hilderbrand K, Osler M, et al. Cohort Profile: The Khayelitsha antiretroviral programme, Cape Town, South Africa. *Int J Epidemiol*. 2016. Epub 2016/05/22.
12. **Viewpoint:** Furin J, Isaakidis P. Life in the time of antiretrovirals in South Africa. *The Lancet HIV*. 2016. Epub 2016/12/14.
13. **Original research:** Martinez Perez G, Cox V, Ellman T, Moore A, Patten G, Shroufi A, et al. 'I Know that I Do Have HIV but Nobody Saw Me': Oral HIV Self-Testing in an Informal Settlement in South Africa. *PLoS One*. 2016;11(4):e0152653. Epub 2016/04/05.
14. **Original research:** Henwood R, Patten G, Barnett W, Hwang B, Metcalf C, Hacking D, et al. Acceptability and use of a virtual support group for HIV-positive youth in Khayelitsha, Cape Town using the MXit social networking platform. *AIDS care*. 2016;28(7):898-903. Epub 2016/04/22.
15. **Original research:** Wilkinson L, Harley B, Sharp J, Solomon S, Jacobs S, Cragg C, et al. Expansion of the Adherence Club model for stable antiretroviral therapy patients in the Cape Metro, South Africa 2011-2015. *Trop Med Int Health*. 2016;21(6):743-9. Epub 2016/04/22.
16. **Original research:** Martinez Perez G, Steele SJ, Govender I, Arellano G, Mkwamba A, Hadebe M, et al. Supervised oral HIV self-testing is accurate in rural KwaZulu-Natal, South Africa. *Trop Med Int Health*. 2016;21(6):759-67. Epub 2016/04/22.
17. **Original research:** Huerga H, Van Cutsem G, Ben Farhat J, Reid M, Bouhenia M, Maman D, et al. Who Needs to Be Targeted for HIV Testing and Treatment in KwaZulu-Natal? Results From a Population-Based Survey. *J Acquir Immune Defic Syndr*. 2016;73(4):411-8. Epub 2016/10/30.
18. **Original research:** Vogt F, Rehman AM, Kranzer K, Nyathi M, Van Griensven J, Dixon M, et al. Relationship between time to initiation of antiretroviral therapy and treatment outcomes: a cohort analysis of ART eligible adolescents in Zimbabwe. *J Acquir Immune Defic Syndr*. 2016. Epub 2016/12/22.
19. **Original research:** Matyanga CMJ, Takarinda KC, Owiti P, Mutasa-Apollo T, Mugurungi O, Buruwe L, et al. Outcomes of antiretroviral therapy among younger versus older adolescents and adults in an urban clinic, Zimbabwe. *Public Health Action*. 2016;6(2):97-104. Epub 2016/07/01. **(SORT-IT course participant)**
20. **Original research:** Vogt F, Kalenga L, Lukela J, Salumu F, Diallo I, Nico E, et al. Decentralizing ART supply for stable HIV patients to community-based distribution centres: Programme outcomes from an urban context in Kinshasa, DRC. *J Acquir Immune Defic Syndr*. 2016. Epub 2016/10/28. **(SORT-IT course participant)**

## 4. HIV/TUBERCULOSIS CO-INFECTION



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21. **Review:** Telisinghe L, Charalambous S, Topp SM, Hecce ME, Hoffmann CJ, Barron P, et al. HIV and tuberculosis in prisons in sub-Saharan Africa. *Lancet*. 2016;388(10050):1215-27. Epub 2016/07/19.
22. **Review:** Harries AD, Kumar AMV, Thu Thu Kyaw N, Binh Hoa N, Takarinda KC, Zachariah R. The role of antiretroviral therapy in reducing TB incidence and mortality in high HIV-TB burden countries. *Asian Pacific Journal of Tropical Disease*. 2016;6(3):243-7.
23. **Viewpoint:** O'Donnell MR, Daftary A, Frick M, Hirsch-Moverman Y, Amico KR, Senthilingam M, et al. Re-inventing adherence: toward a patient-centered model of care for drug-resistant tuberculosis and HIV. *Int J Tuberc Lung Dis*. 2016;20(4):430-4. Epub 2016/03/13.
24. **Original research:** Kanyerere H, Girma B, Mpunga J, Tayler Smith K, Harries AD, Jahn A, et al. Scale-up of ART in Malawi has reduced case notification rates in HIV-positive and HIV-negative tuberculosis. *Public Health Action*. 2016;6(4):247-51.
25. **Original research:** Torrens A, Bartholomay P, Silva S, Khogali M, Verdonck K, Bissell K. HIV testing, antiretroviral therapy, and treatment outcomes in new cases of tuberculosis in Brazil, 2011. *Revista panamericana de salud publica = Pan American journal of public health*. 2016;39(1):26-31. Epub 2016/10/19. **(SORT-IT course participant)**

- 26. Original research:** Mchunu G, van Griensven J, Hinderaker SG, Kizito W, Sikhondze W, Manzi M, et al. High mortality in tuberculosis patients despite HIV interventions in Swaziland. *Public Health Action*. 2016;6(2):105-10. Epub 2016/07/01. **(SORT-IT course participant)**
- 27. Original research:** Thi AM, Shewade HD, Kyaw NT, Oo MM, Aung TK, Aung ST, et al. Timing of antiretroviral therapy and TB treatment outcomes in patients with TB-HIV in Myanmar. *Public Health Action*. 2016;6(2):111-7. Epub 2016/07/01. **(SORT-IT course participant)**
- 28. Original research:** Sah SK, Sahu SK, Lamichhane B, Bhatta GK, Bhandari KB, Owiti P, et al. Dotting the Three I's for collaborative TB-HIV activities: evaluation of a pilot programme in Kathmandu, Nepal. *Public Health Action*. 2016;6(3):169-75. Epub 2016/10/04. **(SORT-IT course participant)**
- 29. Original research:** Omesa EN, Kathure IA, Masini E, Mulwa R, Maritim A, Owiti PO, et al. Uptake of isoniazid preventive therapy and its associated factors among HIV positive patients in an urban health centre, Kenya. *East African Medical Journal*. 2016;93(10):S47-S54. **(SORT-IT course participant)**

## 5. TUBERCULOSIS (INCLUDING DRUG-RESISTANT TUBERCULOSIS)



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- 30. State of the art:** van Cutsem G, Isaakidis P, Farley J, Nardell E, Volchenkov G, Cox H. Infection Control for Drug-Resistant Tuberculosis: Early Diagnosis and Treatment Is the Key. *Clin Infect Dis*. 2016;62 Suppl 3:S238-43. Epub 2016/04/28.
- 31. Viewpoint:** Furin J, Isaakidis P. The tuberculosis emergency in eastern Europe. *The Lancet HIV*. 2016;3(3):e107-8. Epub 2016/03/05.
- 32. Viewpoint:** Das M, Isaakidis P, Van den Bergh R, Kumar AMV, Sharath BN, Mansoor H, et al. Treating all multidrug-resistant tuberculosis patients, not just bacteriologically confirmed cases. *Public Health Action*. 2016;6(2):157.
- 33. Viewpoint:** Suthar AB, Zachariah R, Harries AD. Ending tuberculosis by 2030: can we do it? *Int J Tuberc Lung Dis*. 2016;20(9):1148-54. Epub 2016/08/12.
- 34. Original research:** Burtscher D, Van den Bergh R, Toktosunov U, Angmo N, Samieva N, Rocillo Arechaga EP. "My Favourite Day Is Sunday": Community Perceptions of (Drug-Resistant) Tuberculosis and Ambulatory Tuberculosis Care in Kara Suu District, Osh Province, Kyrgyzstan. *PLoS One*. 2016;11(3):e0152283. Epub 2016/03/29.
- 35. Original research:** Huyen TT, Nhung NV, Shewade HD, Hoa NB, Harries AD. Collaborative activities and treatment outcomes in patients with HIV-associated tuberculosis in Viet Nam. *Public Health Action*. 2016;6(1):8-14. Epub 2016/04/07. **(SORT-IT course participant)**
- 36. Original research:** Shringarpure KS, Isaakidis P, Sagili KD, Baxi RK, Das M, Daftary A. "When Treatment Is More Challenging than the Disease": A Qualitative Study of MDR-TB Patient Retention. *PLoS One*. 2016;11(3):e0150849. Epub 2016/03/10. **(SORT-IT course participant)**
- 37. Original research:** Phuong NT, Nhung NV, Hoa NB, Thuy HT, Takarinda KC, Tayler-Smith K, et al. Management and treatment outcomes of patients enrolled in MDR-TB treatment in Viet Nam. *Public Health Action*. 2016;6(1):25-31. Epub 2016/04/07. **(SORT-IT course participant)**
- 38. Original research:** Charambira K, Ade S, Harries AD, Ncube RT, Zishiri C, Sandy C, et al. Diagnosis and treatment of TB patients with rifampicin resistance detected using Xpert(R) MTB/RIF in Zimbabwe. *Public Health Action*. 2016;6(2):122-8. Epub 2016/07/01. **(SORT-IT course participant)**
- 39. Original research:** Khanal S, Baral S, Shrestha P, Puri M, Kandel S, Lamichhane B, et al. Yield of intensified tuberculosis case-finding activities using Xpert(R) MTB/RIF among risk groups in Nepal. *Public Health Action*. 2016;6(2):136-41. Epub 2016/07/01. **(SORT-IT course participant)**
- 40. Original research:** Bartholomay P, Pelissari DM, de Araujo WN, Yadon ZE, Heldal E. Quality of tuberculosis care at different levels of health care in Brazil in 2013. *Revista panamericana de salud publica = Pan American journal of public health*. 2016;39(1):3-11. Epub 2016/10/19. **(SORT-IT course participant)**

- 41. Original research:** Rodriguez DA, Verdonck K, Bissell K, Victoria JJ, Khogali M, Marin D, et al. Monitoring delays in diagnosis of pulmonary tuberculosis in eight cities in Colombia. *Revista panamericana de salud publica = Pan American journal of public health.* 2016;39(1):12-8. Epub 2016/10/19. **(SORT-IT course participant)**
- 42. Original research:** Puyen ZM, Acosta J, Obregon G, Pacheco E, Ramirez H, Mendoza A, et al. Use and evaluation of a line probe assay in patients with tuberculosis in Peru: 2011-2013. *Revista panamericana de salud publica = Pan American journal of public health.* 2016;39(1):19-25. Epub 2016/10/19. **(SORT-IT course participant)**
- 43. Original research:** Ayala G, Garay J, Aragon M, Decroo T, Zachariah R. Trends in tuberculosis notification and treatment outcomes in prisons: a country-wide assessment in El Salvador from 2009-2014. *Revista panamericana de salud publica = Pan American journal of public health.* 2016;39(1):38-43. Epub 2016/10/19. **(SORT-IT course participant)**
- 44. Original research:** Samayoa-Pelaez M, Ayala N, Yadon ZE, Heldal E. Implementation of the national tuberculosis guidelines on culture and drug sensitivity testing in Guatemala, 2013. *Revista panamericana de salud publica = Pan American journal of public health.* 2016;39(1):44-50. Epub 2016/10/19. **(SORT-IT course participant)**
- 45. Original research:** Varela-Martinez C, Yadon ZE, Marin D, Heldal E. Contrasting trends of tuberculosis in the cities of San Pedro Sula and Tegucigalpa, Honduras, 2005-2014. *Revista panamericana de salud publica = Pan American journal of public health.* 2016;39(1):51-9. Epub 2016/10/19. **(SORT-IT course participant)**
- 46. Original research:** Mercado KJ, Marcelino B, Rodriguez M, Verdonck K, Khogali M, Bissell K. Culture and drug susceptibility testing among previously treated tuberculosis patients in the Dominican Republic, 2014. *Revista panamericana de salud publica = Pan American journal of public health.* 2016;39(1):60-4. Epub 2016/10/19. **(SORT-IT course participant)**
- 47. Original research:** Orejel I, Castellanos M, Marin D, Mendoza A, Harries AD. Culture and drug sensitivity testing among patients with pulmonary tuberculosis in Mexico: national data for 2009-2013. *Revista panamericana de salud publica = Pan American journal of public health.* 2016;39(1):65-8. Epub 2016/10/19. **(SORT-IT course participant)**
- 48. Original research:** Davtyan K, Aghabekyan S, Davtyan H, Margaryan T, Zachariah R, Acosta C, et al. Social support programme for tuberculosis patients in Armenia: perceptions of patients and doctors. *Public Health Panorama.* 2016;1(3):205-68.
- 49. Original research:** Kalandarova L, Tillashaikhov M, Parpieva N, Saidova S, Gadoev J, Alikhanova N, et al. Treatment outcomes and adverse reactions in patients with multidrug-resistant tuberculosis managed by ambulatory or hospitalized care from 2010-2011 in Tashkent, Uzbekistan. *Public Health Panorama.* 2016;2(1):21-9. **(SORT-IT course participant)**
- 50. Original research:** Jumaev G, Tillashaykhov M, Muazzamov B, Radjabov B, Gadoev J, Alikhanova N, et al. Prevalence, characteristics and treatment outcomes of all patients with new tuberculosis and diabetes mellitus in 2011-2013, Bukhara, Uzbekistan. *Public Health Panorama.* 2016;2(1):40-7. **(SORT-IT course participant)**
- 51. Original research:** Yusupova S, Nurullayeva S, Sadikov U, Gadoev J, Alikhanova N, Zachariah R, et al. Characteristics and treatment outcomes of new pulmonary tuberculosis patients with comorbidities in the Samarkand region, Uzbekistan. *Public Health Panorama.* 2016;2(1):57-64. **(SORT-IT course participant)**
- 52. Original research:** Mirzoev A, Lucenko I, Pirov K, Dustmatova Z, Akhmedov A, Nabirova D, et al. A countrywide assessment of tuberculosis among health-care workers in tuberculosis health-care facilities in Tajikistan, 2009-2014. *Public Health Panorama.* 2016;2(1):74-80. **(SORT-IT course participant)**
- 53. Original research:** Pirov K, Sirojiddinova U, Bobokhojaev O, Zachariah R, Lucenko I, Mirzoev A, et al. Childhood tuberculosis in Dushanbe, Tajikistan. *Public Health Panorama.* 2016;2(1):89-103. **(SORT-IT course participant)**
- 54. Original research:** Kulzhabaeva A, Nabirova D, Usenbaev N, Denisiuk O, Zachariah R. Linkage between diagnosis and treatment of smear-positive pulmonary tuberculosis in urban and rural areas in Kyrgyzstan. *Public Health Panorama.* 2016;2(1):104-9. **(SORT-IT course participant)**

## 6. MALARIA



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- 55. Review:** WWARN Gametocyte Study Group. Gametocyte carriage in uncomplicated Plasmodium falciparum malaria following treatment with artemisinin combination therapy: a systematic review and meta-analysis of individual patient data. BMC Med. 2016;14:79. Epub 2016/05/26.
- 56. Original research:** Stassijns J, van den Boogaard W, Pannus P, Nkunzimana A, Rosanas-Urgell A. Prevalence and diagnostics of congenital malaria in rural Burundi, a cross-sectional study. Malar J. 2016;15(1):443. Epub 2016/09/01.
- 57. Original research:** Falq G, Van Den Bergh R, De Smet M, Etienne W, Nguon C, Rekol H, et al. Assessing the asymptomatic reservoir and dihydroartemisinin-piperazine effectiveness in a low transmission setting threatened by artemisinin resistant Plasmodium falciparum. Malar J. 2016;15(1):446. Epub 2016/09/03.
- 58. Original research:** Mbuli CW, Waqo E, Owiti PO, Tweya H, Kizito W, Edwards JK, et al. Trends of reported outpatient malaria cases to assess the Test, Treat and Track (T3) policy in Kenya. East African Medical Journal. 2016;93(10):S3-S9. **(SORT-IT course participant)**
- 59. Original research:** Machini B, Waqo E, Kizito W, Edwards JK, Owiti PO, Takarinda KC. Trends in outpatient malaria cases, following Mass Long Lasting Insecticidal Nets (LLIN) distribution in epidemic prone and endemic areas of Kenya. East African Medical Journal. 2016;93(10):S10-S15. **(SORT-IT course participant)**
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## 7. EBOLA



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- 61. State of the art:** Edmunds KL, Elrahman SA, Bell DJ, Brainard J, Dervisevic S, Fedha TP, et al. Recommendations for dealing with waste contaminated with Ebola virus: a Hazard Analysis of Critical Control Points approach. Bull World Health Organ. 2016;94(6):424-32. Epub 2016/06/09.
- 62. State of the art:** Cnops L, van Griensven J, Honko AN, Bausch DG, Sprecher A, Hill CE, et al. Essentials of filoviral load quantification. Lancet Infect Dis. 2016;16(7):e134-8. Epub 2016/06/15.
- 63. Viewpoint:** Sprecher A, Feldmann H, Hensley LE, Kobinger G, Nichol ST, Strong J, et al. Ebola virus is unlikely to become endemic in West Africa. Nature microbiology. 2016;1:16007. Epub 2016/08/31.
- 64. Original research:** Shah T, Greig J, van der Plas LM, Achar J, Caleo G, Squire JS, et al. Inpatient signs and symptoms and factors associated with death in children aged 5 years and younger admitted to two Ebola management centres in Sierra Leone, 2014: a retrospective cohort study. Lancet Glob Health. 2016;4(7):e495-501. Epub 2016/06/25.
- 65. Original research:** Poliquin PG, Vogt F, Kasztura M, Leung A, Deschambault Y, Van den Bergh R, et al. Environmental Contamination and Persistence of Ebola Virus RNA in an Ebola Treatment Center. J Infect Dis. 2016;214(suppl 3):S145-S152. Epub 2016/07/02.
- 66. Original research:** Rosenke K, Adjemian J, Munster VJ, Marzi A, Falzarano D, Onyango CO, et al. Plasmodium Parasitemia Associated With Increased Survival in Ebola Virus-Infected Patients. Clin Infect Dis. 2016;63(8):1026-33. Epub 2016/08/18.
- 67. Original research:** de Wit E, Falzarano D, Onyango C, Rosenke K, Marzi A, Ochieng M, et al. The Merits of Malaria Diagnostics during an Ebola Virus Disease Outbreak. Emerging infectious diseases. 2016;22(2):323-6. Epub 2016/01/28.



- 68. Original research:** de Wit E, Kramer S, Prescott J, Rosenke K, Falzarano D, Marzi A, et al. Clinical Chemistry of Patients With Ebola in Monrovia, Liberia. *J Infect Dis.* 2016;214(suppl 3):S303-S7. Epub 2016/07/30.
- 69. Original research:** Van den Bergh R, Chaillet P, Sow MS, Amand M, van Vyve C, Jonckheere S, et al. Feasibility of Xpert Ebola Assay in Medecins Sans Frontieres Ebola Program, Guinea. *Emerging infectious diseases.* 2016;22(2):210-6. Epub 2016/01/27.
- 70. Original research:** Dunning J, Kennedy SB, Antierens A, Whitehead J, Ciglenecki I, Carson G, et al. Experimental Treatment of Ebola Virus Disease with Brincidofovir. *PLoS One.* 2016;11(9):e0162199. Epub 2016/09/10.
- 71. Original research:** van Griensven J, Edwards T, de Lamballerie X, Semple MG, Gallian P, Baize S, et al. Evaluation of Convalescent Plasma for Ebola Virus Disease in Guinea. *N Engl J Med.* 2016;374(1):33-42. Epub 2016/01/07.
- 72. Original research:** van Griensven J, Bah EI, Haba N, Delamou A, Camara BS, Olivier KJ, et al. Electrolyte and Metabolic Disturbances in Ebola Patients during a Clinical Trial, Guinea, 2015. *Emerging infectious diseases.* 2016;22(12). Epub 2016/11/22.
- 73. Original research:** Sissoko D, Laouenan C, Folkesson E, M'Lebing AB, Beavogui AH, Baize S, et al. Experimental Treatment with Favipiravir for Ebola Virus Disease (the JIKI Trial): A Historically Controlled, Single-Arm Proof-of-Concept Trial in Guinea. *PLoS Med.* 2016;13(3):e1001967. Epub 2016/03/02.
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- 75. Original research:** Wong G, Qiu X, Bi Y, Formenty P, Sprecher A, Jacobs M, et al. More Challenges From Ebola: Infection of the Central Nervous System. *J Infect Dis.* 2016;214(suppl 3):S294-S6. Epub 2016/10/07.
- 76. Original research:** Rabelo I, Lee V, Fallah MP, Massaquoi M, Evlampidou I, Crestani R, et al. Psychological Distress among Ebola Survivors Discharged from an Ebola Treatment Unit in Monrovia, Liberia - A Qualitative Study. *Frontiers in public health.* 2016;4:142. Epub 2016/07/28.
- 77. Original research:** Ruibal P, Oestereich L, Ludtke A, Becker-Ziaja B, Wozniak DM, Kerber R, et al. Unique human immune signature of Ebola virus disease in Guinea. *Nature.* 2016;533(7601):100-4. Epub 2016/05/07.
- 78. Original research:** Ortuno-Gutierrez N, Zachariah R, Woldeyohannes D, Bangoura A, Cherif GF, Loua F, et al. Upholding Tuberculosis Services during the 2014 Ebola Storm: An Encouraging Experience from Conakry, Guinea. *PLoS One.* 2016;11(8):e0157296. Epub 2016/08/18. **(SORT-IT course participant)**
- 79. Case report:** Caluwaerts S, Fautsch T, Lagrou D, Moreau M, Modet Camara A, Gunther S, et al. Dilemmas in Managing Pregnant Women With Ebola: 2 Case Reports. *Clin Infect Dis.* 2016;62(7):903-5. Epub 2015/12/19.
- 80. Case report:** Nordenstedt H, Bah EI, de la Vega MA, Barry M, N'Faly M, Crahay B, et al. Ebola Virus in Breast Milk in an Ebola Virus-Positive Mother with Twin Babies, Guinea, 2015. *Emerging infectious diseases.* 2016;22(4):759-60. Epub 2016/03/18.

## 8. OTHER INFECTIOUS DISEASES



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- 81. Original research:** Schillberg E, Ariti C, Bryson L, Delva-Senat R, Price D, GrandPierre R, et al. Factors Related to Fetal Death in Pregnant Women with Cholera, Haiti, 2011-2014. *Emerging infectious diseases.* 2016;22(1):124-7. Epub 2015/12/23.
- 82. Original research:** Das M, Doleckova K, Shenoy R, Mahanta J, Narain K, Devi KR, et al. Paragonimiasis in tuberculosis patients in Nagaland, India. *Global health action.* 2016;9:32387. Epub 2016/09/27.
- 83. Original research:** Muthuvel T, Isaakidis P, Shewade HD, Kattuppara L, Singh R, Govindarajulu S. Leprosy trends at a tertiary care hospital in Mumbai, India, from 2008 to 2015. *Global health action.* 2016;9:32962. Epub 2016/11/26. **(SORT-IT course participant)**
- 84. Original research:** Ng'ang'a M, Matendehero S, Kariuki L, Omondi W, Makworo N, Owiti PO, et al. Spatial distribution and co-infection with urogenital and intestinal schistosomiasis among primary school children in Migori County, Kenya. *East African Medical Journal.* 2016;93(10):S22-S31. **(SORT-IT course participant)**

85. **Original research:** Ng'ang'a M, Matendechero S, Kariuki L, Omondi W, Makworo N, Owiti PO, et al. Burden of soil transmitted helminthiases in primary school children in Migori County, Kenya. East African Medical Journal. 2016;93(10):S32-S9. **(SORT-IT course participant)**

## 9. NUTRITION



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A MSF surgeon examines a patient  
at the MSF trauma centre in Kunduz,  
Northern Afghanistan, 2013.  
On 3 October 2015, the hospital  
was destroyed in an aerial attack that  
killed 42 people. © Mikhail Galustov



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