

LISTE DES PUBLICATIONS DU CENTRE DE RECHERCHE EN SANTÉ DE NOUNA DE 2002 - 2024

Publication 2024

1. Kurniawan AL, Schretzmann J, Paramastri R, Cho A, Sié A, Fischer MS, Bärnighausen T, Ditzgen B. Relationship satisfaction and metabolic health parameters: a cross-sectional study in Burkina population of older adults. *BMC Public Health*. 2024 Mar 15;24(1):827. doi: 10.1186/s12889-024-17998-w. PMID: 38491462
2. Traoré N, Singhal T, Millogo O, Sié A, Utzinger J, Vounatsou P. Relative effects of climate factors and malaria control interventions on changes of parasitaemia risk in Burkina Faso from 2014 to 2017/2018. *BMC Infect Dis*. 2024 Feb 7;24(1):166. doi: 10.1186/s12879-024-08981-2. PMID: 38326750
3. Sié A, Ouattara M, Bountogo M, Dah C, Ouedraogo T, Boudo V, Lebas E, Hu H, Arnold BF, O'Brien KS, Lietman TM, Oldenburg CE. Single-dose azithromycin for infant growth in Burkina Faso: Prespecified secondary anthropometric outcomes from a randomized controlled trial. *PLoS Med*. 2024 Jan 23;21(1):e1004345. doi: 10.1371/journal.pmed.1004345. eCollection 2024 Jan. PMID: 38261579
4. Bunker A, Compoaré G, Sewe MO, Laurent JGC, Zabré P, Boudo V, Ouédraogo WA, Ouermi L, Jackson ST, Arisco N, Vijayakumar G, Yildirim FB, Barteit S, Maggioni MA, Woodward A, Buonocore JJ, Regassa MD, Brück T, Sié A, Bärnighausen T. The effects of cool roofs on health, environmental, and economic outcomes in rural Africa: study protocol for a community-based cluster randomized controlled trial. *Trials*. 2024 Jan 16;25(1):59. doi: 10.1186/s13063-023-07804-0. PMID: 38229177
5. Doan T, Liu Z, Sié A, Dah C, Bountogo M, Ouattara M, Coulibaly B, Kiemde D, Zonou G, Nebie E, Brogdon J, Lebas E, Hinterwirth A, Zhong L, Chen C, Zhou Z, Porco T, Arnold BF, Oldenburg CE, Lietman TM. Gut Microbiome Diversity and Antimicrobial Resistance After a Single Dose of Oral Azithromycin in Children: A Randomized Placebo-Controlled Trial. *Am J Trop Med Hyg*. 2024 Jan 16;110(2):291-294. doi: 10.4269/ajtmh.23-0651. Print 2024 Feb 7. PMID: 38227963
6. Ouattara M, Sié A, Seynou M, Kagoné M, Bountogo M, Kouanda I, Ouédraogo R, Bangha M, Juma K, Athero S. Profil des utilisatrices et facteurs associés à la satisfaction des clientes de la qualité des soins après avortement au Burkina Faso: étude transversale menée dans six régions. *Sex Reprod Health Matters*. 2023;31(5):2272483. doi: 10.1080/26410397.2023.2272483. Epub 2024 Jan 8.
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Publication 2023

1. Terhoeven V, Nikendei C, Bountogo M, Friederich HC, Ouermi L, Sié A, Harling G, Bärnighausen T. Exploring risk factors of drive for muscularity and muscle dysmorphia in male adolescents from a resource-limited setting in Burkina Faso. *Sci Rep.* 2023 Nov 17;13(1):20140. doi: 10.1038/s41598-023-46863-w. PMID: 37978210
2. Koch M, Matzke I, Huhn S, Sié A, Boudo V, Compaoré G, Maggioni MA, Bunker A, Bärnighausen T, Dambach P, Barteit S. Assessing the Effect of Extreme Weather on Population Health Using Consumer-Grade Wearables in Rural Burkina Faso: Observational Panel Study. *JMIR Mhealth Uhealth.* 2023 Nov 8;11:e46980. doi: 10.2196/46980. PMID: 37938879
3. Kuunibe N, Bountogo M, Ouermi L, Sié A, Bärnighausen T, Harling G. Effects of education and age on the experience of youth violence in a very low-resource setting: a fixed-effects analysis in rural Burkina Faso. *BMJ Open.* 2023 Oct 18;13(10):e071104. doi: 10.1136/bmjopen-2022-071104. PMID: 37852761
4. Krohn J, Bountogo M, Ouermi L, Sie A, Baernighausen T, Harling G. Challenges and achievements in the utilization of the health system among adolescents in a region of Burkina Faso particularly affected by poverty. *BMC Health Serv Res.* 2023 Oct 11;23(1):1080. doi: 10.1186/s12913-023-10052-2. PMID: 37821943
5. Ouattara M, Sié A, Bountogo M, Boudo V, Dah C, Lebas E, Hu H, Porco TC, Arnold BF, Lietman TM, Oldenburg CE. Anthropometric Differences in Community- Versus Clinic-Recruited Infants Participating in a Trial of Azithromycin for Prevention of Childhood Mortality in Burkina Faso. *Am J Trop Med Hyg.* 2023 Oct 2;109(5):1187-1191. doi: 10.4269/ajtmh.23-0298. Print 2023 Nov 1. PMID: 37783457
6. Cliffer IR, Millogo O, Barry Y, Kouanda I, Compaore G, Wang D, Sie A, Fawzi W. School-based supplementation with iron-folic acid or multiple micronutrient tablets to address anemia among adolescents in Burkina Faso: a cluster-randomized trial. *Am J Clin Nutr.* 2023 Nov;118(5):977-988. doi: 10.1016/j.ajcnut.2023.09.004. Epub 2023 Sep 15. PMID: 37716443
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9. Ebalu TI, Kearns JC, Ouermi L, Bountogo M, Sié A, Bärnighausen T, Harling G. *Int J Soc Psychiatry.* Prevalence and correlates of adolescent self-injurious thoughts and behaviors: A population-based study in Burkina Faso. 2023 Nov;69(7):1626-1635. doi: 10.1177/00207640231175778. Epub 2023 Jun 16. PMID: 37329143
10. Barteit S, Sié A, Zabré P, Traoré I, Ouédraogo WA, Boudo V, Munga S, Khagayi S, Obor D, Muok E, Franke J, Schwarz M, Blass K, Su TT, Bärnighausen T, Sankoh O, Sauerborn R. Widening the lens of population-based health research to climate change impacts and adaptation: the climate change and health evaluation and response system (CHEERS). *Front*

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11. Arisco NJ, Sewe MO, Bärnighausen T, Sié A, Zabre P, Bunker A. The effect of extreme temperature and precipitation on cause-specific deaths in rural Burkina Faso: a longitudinal study. *Lancet Planet Health*. 2023 Jun;7(6):e478-e489. doi: 10.1016/S2542-5196(23)00027-X. PMID: 37286245
12. Bullington BW, Sawadogo N, Tumlinson K, Langer A, Soura A, Zabre P, Sie A, Senderowicz L. Prevalence of non-preferred family planning methods among reproductive-aged women in Burkina Faso: results from a cross-sectional, population-based study. *Sex Reprod Health Matters*. 2023 Dec;31(1):2174244. doi: 10.1080/26410397.2023.2174244. PMID: 37195714
13. Bountogo M, Sié A, Zakane A, Compaoré G, Ouédraogo T, Brogdon J, Lebas E, Nyatigo F, Medvedev MM, Arnold BF, Lietman TM, Oldenburg CE; NAITRE Study Team. Infant mortality and growth failure after oral azithromycin among low birthweight and underweight neonates: A subgroup analysis of a randomized controlled trial. *PLOS Glob Public Health*. 2023 May 15;3(5):e0001009. doi: 10.1371/journal.pgph.0001009. eCollection 2023. PMID: 37186577
14. Belesova K, Gasparrini A, Wilkinson P, Sié A, Sauerborn R. Child Survival and Annual Crop Yield Reductions in Rural Burkina Faso: Critical Windows of Vulnerability Around Early-Life Development. *Am J Epidemiol*. 2023 Jul 7;192(7):1116-1127. doi: 10.1093/aje/kwad068. PMID: 37116074
15. Wang D, Chukwu A, Mwanyika-Sando M, Abubakari SW, Assefa N, Madzorera I, Hemler EC, Ismail A, Lankoande B, Mapendo F, Millogo O, Workneh F, Azemraw T, Febir LG, James C, Tinkasimile A, Asante KP, Baernighausen T, Berhane Y, Killewo J, Oduola AMJ, Sie A, Smith ER, Soura AB, Raji T, Vuai S, Fawzi WW. COVID-19 vaccine hesitancy and its determinants among sub-Saharan African adolescents. *PLOS Glob Public Health*. 2022 Oct 5;2(10):e0000611. doi: 10.1371/journal.pgph.0000611. eCollection 2022. PMID: 36962540
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26. Sie A, Bountogo M, Zakane A, Compaoré G, Ouedraogo T, Ouattara M, Lebas E, Brogdon J, Nyatigo F, O'Brien KS, Porco TC, Bärnighausen T, Arnold BF, Lietman TM, Oldenburg CE; NAITRE Study Team. Neonatal Azithromycin Administration and Growth during Infancy: A Randomized Controlled Trial. *Am J Trop Med Hyg.* 2023 Mar 27;108(5):1063-1070. doi: 10.4269/ajtmh.22-0763. Print 2023 May 3.

Publication 2022

1. Mank I, Sorgho R, Zerbo F, Kagoné M, Coulibaly B, Oguso J, Mbata M, Khagayi S, Muok EMO, Sié A, Danquah I. Correction: ALIMUS-We are feeding! Study protocol of a multi-center, cluster-randomized controlled trial on the effects of a home garden and nutrition counseling intervention to reduce child undernutrition in rural Burkina Faso and Kenya. *Trials.* 2022 Jun 13;23(1):489. doi: 10.1186/s13063-022-06450-2.
2. Oldenburg CE, Hinterwirth A, Ourohiré M, Dah C, Ouédraogo M, Sié A, Boudo V, Chen C, Ruder K, Zhong L, Lebas E, Nyatigo F, Arnold BF, O'Brien KS, Doan T. Gut Resistome after Antibiotics among Children with Uncomplicated Severe Acute Malnutrition: A Randomized Controlled Trial. *Am J Trop Med Hyg.* 2022 Jun 13;107(1):59-64. doi: 10.4269/ajtmh.22-0007. Print 2022 Jul 13.
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8. Wasko Z, Dambach P, Kynast-Wolf G, Stieglbauer G, Zabré P, Bagagnan C., Schoeps A., Souares A., Winkler V., Ethnic diversity and mortality in northwest Burkina Faso: An analysis of the Nouna health and demographic surveillance system from 2000 to 2012. *PLOS Global Public Health* 2(5): e0000267. <https://doi.org/10.1371/journal.pgph.0000267>
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11. Sié A, Bountogo M, Zakane A, Compaoré G, Ouedraogo T, Lebas E, Nyatigo F, Hu H, Brogdon J, Arnold BF, Lietman TM, Oldenburg CE; NAITRE Study Team. Effect of Neonatal Azithromycin on All-Cause and Cause-Specific Infant Mortality: A Randomized Controlled Trial. *Am J Trop Med Hyg*. 2022 Nov 7;107(6):1331-1336. doi: 10.4269/ajtmh.22-0245. Print 2022 Dec 14.

Publication 2021

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14. Gottlieb-Stroh, T., Souares, A., Bärnighausen, T., Sié, A., Zabre, S. P., & Danquah, I. (2021). Seasonal and socio-demographic patterns of self-reporting major disease groups in north-west Burkina Faso: an analysis of the Nouna Health and Demographic Surveillance System (HDSS) data. *BMC public health*, 21(1), 1101. <https://doi.org/10.1186/s12889-021-11076-1>
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