

Online Supplementary Document

Jennings et al. Comprehensive review of the evidence regarding the effectiveness of community-based primary health care in improving maternal, neonatal and child health: 2. maternal health findings

J Glob Health 2017;7:010902

Appendix S1

References for the Assessments Included in the Maternal Health Review

- S1 AbdelRahman, S. H., Albashir, I. M., Hussein, S. A., Ahmed, M. E., Alfadil, S. M., & Mohamed, N. (2007). BDN programmes and the effect of medical students' interventions to promote child health in Sudan. *East Mediterr Health J*, 13(6), 1319-1329.
- S2 Adam, M. B., Dillmann, M., Chen, M. K., Mbugua, S., Ndung'u, J., Mumbi, P., . . . Meissner, P. (2014). Improving maternal and newborn health: effectiveness of a community health worker program in rural Kenya. *PLoS One*, 9(8), e104027. doi:10.1371/journal.pone.0104027
- S3 Adams, A. M., Nababan, H. Y., & Hanifi, S. M. (2015). Building social networks for maternal and newborn health in poor urban settlements: a cross-sectional study in Bangladesh. *PLoS One*, 10(4), e0123817. doi:10.1371/journal.pone.0123817
- S4 Adventist Development Relief Agency/Cambodia. (2006). Child survival XVII - Final evaluation.
- S5 Adventist Development Relief Agency/Guinea. (2005). Child survival XVI: Final Evaluation Siguiri Prefecture.
- S6 Adventist Development Relief Agency/Nicaragua. (2006). Final Evaluation: Child Survival XVII.
- S7 Afari, E. A., Nkrumah, F. K., Nakana, T., Sakatoku, H., Hori, H., & Binka, F. (1995). Impact of primary health care on child morbidity and mortality. *Central African Journal of Medicine*, 41(5), 148-153.
- S8 Aga Khan Foundation/Pakistan (2014). Chitral Child Survival Project, Chitral, Khyber Pakhtunkhwa, Pakistan: Final Evaluation.
- S9 Agha, S. (2011). Impact of a maternal health voucher scheme on institutional delivery among low income women in Pakistan. *Reprod Health*, 8, 10. doi:10.1186/1742-4755-8-10
- S10 Aghajanian, A., Mehryar, A. H., Ahmadnia, S., & Kazemipour, S. (2007). Impact of rural health development programme in the Islamic Republic of Iran on rural-urban disparities in health indicators. *East Mediterr Health J*, 13(6), 1466-1475.
- S11 Ahluwalia, I. B., Robinson, D., Vallely, L., Giesecker, K. E., & Kabakama, A. (2010). Sustainability of community-capacity to promote safer motherhood in northwestern Tanzania: what remains? *Glob Health Promot*, 17(1), 39-49. doi:10.1177/1757975909356627

- S12 Ahluwalia, I. B., Schmid, T., Kouletio, M., & Kanenda, O. (2003). An evaluation of a community-based approach to safe motherhood in northwestern Tanzania. *Int J Gynaecol Obstet*, 82(2), 231-240. doi:[http://dx.doi.org/10.1016/s0020-7292\(03\)00081-x](http://dx.doi.org/10.1016/s0020-7292(03)00081-x)
- S13 Ahmed, S., Ahmed, S., McKaig, C., Begum, N., Mungia, J., Norton, M., & Baqui, A. H. (2015). The Effect of Integrating Family Planning with a Maternal and Newborn Health Program on Postpartum Contraceptive Use and Optimal Birth Spacing in Rural Bangladesh. *Stud Fam Plann*, 46(3), 297-312. doi:[10.1111/j.1728-4465.2015.00031.x](https://doi.org/10.1111/j.1728-4465.2015.00031.x)
- S14 Alehagen, S. A., Finnstrom, O., Hermansson, G. V., Somasundaram, K. V., Bangal, V. B., Patil, A., . . . Johansson, A. K. (2012). Nurse-based antenatal and child health care in rural India, implementation and effects - an Indian-Swedish collaboration. *Rural Remote Health*, 12, 2140.
- S15 Alisjahbana, A., Williams, C., Dharmayanti, R., Hermawan, D., Kwast, B. E., & Koblinsky, M. (1995). An integrated village maternity service to improve referral patterns in a rural area in West-Java. *Int J Gynaecol Obstet*, 48 Suppl, S83-94. doi:[http://dx.doi.org/10.1016/0020-7292\(95\)02323-5](http://dx.doi.org/10.1016/0020-7292(95)02323-5)
- S16 Alto, W. A., Albu, R. E., & Irabo, G. (1991). An alternative to unattended delivery--a training programme for village midwives in Papua New Guinea. *Soc Sci Med*, 32(5), 613-618. doi:[http://dx.doi.org/10.1016/0277-9536\(91\)90296-o](http://dx.doi.org/10.1016/0277-9536(91)90296-o)
- S17 Alvarado, R., Zepeda, A., Rivero, S., Rico, N., Lopez, S., & Diaz, S. (1999). Integrated maternal and infant health care in the postpartum period in a poor neighborhood in Santiago, Chile. *Stud Fam Plann*, 30(2), 133-141. doi:<http://dx.doi.org/10.1111/j.1728-4465.1999.00133.x>
- S18 Aracena, M., Krause, M., Perez, C., Mendez, M. J., Salvatierra, L., Soto, M., . . . Altimir, C. (2009). A cost-effectiveness evaluation of a home visit program for adolescent mothers. *J Health Psychol*, 14(7), 878-887. doi:[10.1177/1359105309340988](https://doi.org/10.1177/1359105309340988)
- S19 Asha/India (2008). Overview. Available: <http://asha-india.org/>
- S21 Azad, K., Barnett, S., Banerjee, B., Shaha, S., Khan, K., Rego, A. R., . . . Costello, A. (2010). Effect of scaling up women's groups on birth outcomes in three rural districts in Bangladesh: a cluster-randomised controlled trial. *Lancet*, 375(9721), 1193-1202. doi:[10.1016/S0140-6736\(10\)60142-0](https://doi.org/10.1016/S0140-6736(10)60142-0)
- S22 Babalola, S., Sakolsky, N., Vondrasek, C., Mounlom, D., Brown, J., & Tchupo, J. P. (2001). The impact of a community mobilization project on health-related knowledge and practices in Cameroon. *J Community Health*, 26(6), 459-477.
- S23 Baqui, A. H., El-Arifeen, S., Darmstadt, G. L., Ahmed, S., Williams, E. K., Seraji, H. R., . . . Projahnmo Study, G. (2008). Effect of community-based newborn-care intervention package implemented through two service-delivery strategies in Sylhet district, Bangladesh: a cluster-randomised controlled trial. *Lancet*, 371(9628), 1936-1944. doi:[10.1016/S0140-6736\(08\)60835-1](https://doi.org/10.1016/S0140-6736(08)60835-1)
- S24 Baqui, A. H., Rosecrans, A. M., Williams, E. K., Agrawal, P. K., Ahmed, S., Darmstadt, G. L., . . . Santosham, M. (2008). NGO facilitation of a government community-based maternal and neonatal health programme in rural India: improvements in equity. *Health Policy Plan*, 23(4), 234-243. doi:[10.1093/heropol/czn012](https://doi.org/10.1093/heropol/czn012)
- S25 Baqui, A., Williams, E. K., Rosecrans, A. M., Agrawal, P. K., Ahmed, S., Darmstadt, G. L., . . . Santosham, M. (2008). Impact of an integrated nutrition and health programme on neonatal mortality in rural northern India. *Bull World Health Organ*, 86(10), 796-804, A. doi:<http://dx.doi.org/10.2471/blt.07.042226>

- S26 Bashour, H. N., Kharouf, M. H., Abdulsalam, A. A., El Asmar, K., Tabbaa, M. A., & Cheikha, S. A. (2008). Effect of postnatal home visits on maternal/infant outcomes in Syria: a randomized controlled trial. *Public Health Nurs*, 25(2), 115-125. doi:10.1111/j.1525-1446.2008.00688.x
- S27 Bhutta, Z. A., Memon, Z. A., Soofi, S., Salat, M. S., Cousens, S., & Martines, J. (2008). Implementing community-based perinatal care: results from a pilot study in rural Pakistan. *Bull World Health Organ*, 86(6), 452-459. doi:<http://dx.doi.org/10.2471/blt.07.045849>
- S28 Bhutta, Z. A., Rizvi, A., Raza, F., Hotwani, S., Zaidi, S., Moazzam Hossain, S., . . . Bhutta, S. (2009). A comparative evaluation of multiple micronutrient and iron-folic acid supplementation during pregnancy in Pakistan: impact on pregnancy outcomes. *Food Nutr Bull*, 30(4 Suppl), S496-505. doi:<http://dx.doi.org/10.1177/15648265090304s404>
- S29 Bhutta, Z. A., Soofi, S., Cousens, S., Mohammad, S., Memon, Z. A., Ali, I., . . . Martines, J. (2011). Improvement of perinatal and newborn care in rural Pakistan through community-based strategies: a cluster-randomised effectiveness trial. *Lancet*, 377(9763), 403-412. doi:10.1016/S0140-6736(10)62274-X
- S30 Bryce, J., Gilroy, K., Jones, G., Hazel, E., Black, R. E., & Victora, C. G. (2008). The Retrospective Evaluation of ACSD: Cross-site analyses and conclusions.
- S31 Bryce J, Gilroy K, Jones G, Hazel E, Black RE, Victora CG.(2010). The Accelerated Child Survival and Development programme in west Africa: a retrospective evaluation. 2010;375:572-82. Doi: S0140-6736(09)62060-2 [pii] 10.1016/S0140-6736(09)62060-2
- S32 Callaghan-Koru, J. A., Nonyane, B. A., Guenther, T., Sitrin, D., Ligowe, R., Chimbalaanga, E., . . . Baqui, A. H. (2013). Contribution of community-based newborn health promotion to reducing inequities in healthy newborn care practices and knowledge: evidence of improvement from a three-district pilot program in Malawi. *BMC Public Health*, 13, 1052. doi:10.1186/1471-2458-13-1052
- S33 Care /Nicaragua (2008). Child Survival Project (CSP) XVIII: Phase two - Final Evaluation.
- S34 Care/Mozambique. (2006). Child survival project: Final evaluation.
- S35 Care/Sierra Leone (2008). Child survival project 'For Di Pikin Dem Wel Bodi', Koinadugu District, Northern Region, Sierra Leone: Final evaluation.
- S36 CB-MNC Nepal (2007). Community-based maternal and neonatal care program (CB-MNC): Summative report on program activities and results in Banka, Jhapa and Kanchanpur districts from September 2005 - September 2007.
- S37 Cesar, J. A., Mendoza-Sassi, R. A., Ulmi, E. F., Dall'Agnol, M. M., & Neumann, N. A. (2008). [Effects of different home visit strategies on prenatal care in Southern Brazil]. *Cad Saude Publica*, 24(11), 2614-2622. doi:<http://dx.doi.org/10.1590/s0102-311x2008001100016>
- S38 Chen, L. C., Rahman, M., D'Souza, S., Chakraborty, J., Sardar, A. M., & Yunus, M. (1983). Mortality impact of an MCH-FP program in Matlab, Bangladesh. *Stud Fam Plann*, 14(8-9), 199-209. doi:<http://dx.doi.org/10.2307/1966412>
- S39 Colbourn, T., Nambiar, B., Bondo, A., Makwenda, C., Tsetekani, E., Makonda-Ridley, A., . . . Costello, A. (2013). Effects of quality improvement in health facilities and community mobilization through women's groups on maternal, neonatal and perinatal mortality in three districts of Malawi: MaiKhanda, a cluster randomized controlled effectiveness trial. *Int Health*, 5(3), 180-195. doi:10.1093/inthealth/ihl011
- S40 Curamericas Global/Liberia (2013). Final evaluation for Nehnwaa child survival project: Census-Based Impact-Oriented methodology for community-based primary health care in Nimba country, Liberia.

- S41 Curamericas/Bolivia. (2007). Providing child survival services to rural and peri-urban populations in Bolivia - Final Evaluation Report.
- S42 Curamericas/Guatemala (2007). Census-Based, Impact-Oriented Child Survival Project. October 1, 2002 - September 30, 2007: Final Evaluation Report
- S43 Curamericas/Guatemala (2015). Community-Based, Impact-Oriented Child Survival in Huehuetenango, Guatemala: Focused strategic assessment.
- S44 Darmstadt, G. L., Choi, Y., Arifeen, S. E., Bari, S., Rahman, S. M., Mannan, I., ...
Bangladesh Projahnmo-2 Mirzapur Study, G. (2010). Evaluation of a cluster-randomized controlled trial of a package of community-based maternal and newborn interventions in Mirzapur, Bangladesh. *PLoS One*, 5(3), e9696. doi:10.1371/journal.pone.0009696
- S45 Derman, R. J., Kodkany, B. S., Goudar, S. S., Geller, S. E., Naik, V. A., Bellad, M. B., ...
Moss, N. (2006). Oral misoprostol in preventing postpartum haemorrhage in resource-poor communities: a randomised controlled trial. *Lancet*, 368(9543), 1248-1253. doi:10.1016/S0140-6736(06)69522-6
- S46 Dutt, D., & Srinivasa, D. K. (1997). Impact of maternal and child health strategy on child survival in a rural community of Pondicherry. *Indian Pediatr*, 34(9), 785-792.
- S47 Emond, A., Pollock, J., Da Costa, N., Maranhao, T., & Macedo, A. (2002). The effectiveness of community-based interventions to improve maternal and infant health in the Northeast of Brazil. *Rev Panam Salud Publica*, 12(2), 101-110. doi:<http://dx.doi.org/10.1590/s1020-49892002000800005>
- S48 Ezeanolue, E. E., Obiefune, M. C., Ezeanolue, C. O., Ehiri, J. E., Osuji, A., Ogidi, A. G., ...
Ogedegbe, G. (2015). Effect of a congregation-based intervention on uptake of HIV testing and linkage to care in pregnant women in Nigeria (Baby Shower): a cluster randomised trial. *Lancet Glob Health*, 3(11), e692-700. doi:10.1016/S2214-109X(15)00195-3
- S49 Fathima, F. N., Raju, M., Varadharajan, K. S., Krishnamurthy, A., Ananthkumar, S. R., & Mony, P. K. (2015). Assessment of 'accredited social health activists'-a national community health volunteer scheme in Karnataka State, India. *J Health Popul Nutr*, 33(1), 137-145.
- S50 Fauveau, V., Wojtyniak, B., Chakraborty, J., Sarder, A. M., & Briand, A. (1990). The effect of maternal and child health and family planning services on mortality: is prevention enough? *BMJ*, 301(6743), 103-107. doi:<http://dx.doi.org/10.1136/bmj.301.6743.103>
- S51 Fauveau, V., Stewart, K., Khan, S. A., & Chakraborty, J. (1991). Effect on mortality of community-based maternity-care programme in rural Bangladesh. *Lancet*, 338(8776), 1183-1186. doi:[http://dx.doi.org/10.1016/0140-6736\(91\)92041-y](http://dx.doi.org/10.1016/0140-6736(91)92041-y)
- S52 Findley, S. E., Uwemedimo, O. T., Doctor, H. V., Green, C., Adamu, F., & Afenyadu, G. Y. (2013). Comparison of high- versus low-intensity community health worker intervention to promote newborn and child health in Northern Nigeria. *Int J Womens Health*, 5, 717-728. doi:10.2147/IJWH.S49785
- S53 Findley, S. E., Doctor, H. V., Ashir, G. M., Kana, M. A., Mani, A. S., Green, C., & Afenyadu, G. Y. (2015). Reinvigorating health systems and community-based services to improve maternal health outcomes: case study from northern Nigeria. *J Prim Care Community Health*, 6(2), 88-99. doi:10.1177/2150131914549383
- S54 Foord, F. (1995). Gambia: evaluation of the mobile health care service in West Kiang district. *World Health Stat Q*, 48(1), 18-22.

- S55 Fox-Rushby, J. A., & Foord, F. (1996). Costs, effects and cost-effectiveness analysis of a mobile maternal health care service in West Kiang, The Gambia. *Health Policy*, 35(2), 123-143. doi:[http://dx.doi.org/10.1016/0168-8510\(95\)00774-1](http://dx.doi.org/10.1016/0168-8510(95)00774-1)
- S56 Future Generations/Afghanistan (2006). Community health worker training for women's empowerment in Afghanistan: Summary report.
- S57 Future Generations/Peru (2007). CLAS Las Moras: Intermediate Evaluation.
- S58 Gloyd, S., Floriano, F., Seunda, M., Chadreque, M. A., Nyangezi, J. M., & Platas, A. (2001). Impact of traditional birth attendant training in Mozambique: a controlled study. *J Midwifery Womens Health*, 46(4), 210-216. doi:[http://dx.doi.org/10.1016/s1526-9523\(01\)00142-8](http://dx.doi.org/10.1016/s1526-9523(01)00142-8)
- S59 Haver, J., Brieger, W., Zoungrana, J., Ansari, N., & Kagoma, J. (2015). Experiences engaging community health workers to provide maternal and newborn health services: implementation of four programs. *Int J Gynaecol Obstet*, 130 Suppl 2, S32-39. doi:[10.1016/j.ijgo.2015.03.006](https://doi.org/10.1016/j.ijgo.2015.03.006)
- S60 Helen Keller International (2003). Community-based Iron+Folic Acid Supplementation and Nutrition Education for Pregnant Women: Manica Province. Maputo, Mozambique
- S61 Hodgins, S., McPherson, R., Suvedi, B. K., Shrestha, R. B., Silwal, R. C., Ban, B., . . . Baqui, A. H. (2010). Testing a scalable community-based approach to improve maternal and neonatal health in rural Nepal. *J Perinatol*, 30(6), 388-395. doi:[10.1038/jp.2009.181](https://doi.org/10.1038/jp.2009.181)
- S62 Ibrahim, S. A., Omer, M. I., Amin, I. K., Babiker, A. G., & Rushwan, H. (1992). The role of the village midwife in detection of high risk pregnancies and newborns. *Int J Gynaecol Obstet*, 39(2), 117-122. doi:[http://dx.doi.org/10.1016/0020-7292\(92\)90907-z](http://dx.doi.org/10.1016/0020-7292(92)90907-z)
- S63 Jokhio, A. H., Winter, H. R., & Cheng, K. K. (2005). An intervention involving traditional birth attendants and perinatal and maternal mortality in Pakistan. *N Engl J Med*, 352(20), 2091-2099. doi:[10.1056/NEJMsa042830](https://doi.org/10.1056/NEJMsa042830)
- S64 Kandeh, H. B., Leigh, B., Kanu, M. S., Kuteh, M., Bangura, J., & Seisay, A. L. (1997). Community motivators promote use of emergency obstetric services in rural Sierra Leone. The Freetown/Makeni PMM Team. *Int J Gynaecol Obstet*, 59 Suppl 2, S209-218. doi:[http://dx.doi.org/10.1016/s0020-7292\(97\)00167-7](http://dx.doi.org/10.1016/s0020-7292(97)00167-7)
- S65 Kapungu, C. T., Mensah-Homiah, J., Akosah, E., Asare, G., Carnahan, L., Frimpong, M. A., . . . Ghana, P. P. H. S. G. (2013). A community-based continuum of care model for the prevention of postpartum hemorrhage in rural Ghana. *Int J Gynaecol Obstet*, 120(2), 156-159. doi:[10.1016/j.ijgo.2012.08.021](https://doi.org/10.1016/j.ijgo.2012.08.021)
- S66 Karim, A. M., Admassu, K., Schellenberg, J., Alemu, H., Getachew, N., Ameha, A., . . . Betemariam, W. (2013). Effect of Ethiopia's health extension program on maternal and newborn health care practices in 101 rural districts: a dose-response study. *PLoS One*, 8(6), e65160. doi:[10.1371/journal.pone.0065160](https://doi.org/10.1371/journal.pone.0065160)
- S67 Kema, K. M., Komwihangiro, J., & Kimaro, S. (2012). Integrated community based child survival, reproductive health and water and sanitation program in Mkuranga district, Tanzania: a replicable model of good practices in community based health care. *Pan Afr Med J*, 13 Suppl 1, 11.
- S68 Khan, M. A., & Ahmed, S. M. (2009). The "Birthing Hut" facilities of MANOSHI: A Two-Part Paper, Exploring the Inception and Post-Inception Phases of Urban Delivery Centres of Dhaka.
- S69 Kim, M. H., Ahmed, S., Buck, W. C., Preidis, G. A., Hosseiniipour, M. C., Bhalakia, A., . . . Kline, M. W. (2012). The Tingathe programme: a pilot intervention using community

- health workers to create a continuum of care in the prevention of mother to child transmission of HIV (PMTCT) cascade of services in Malawi. *J Int AIDS Soc*, 15 Suppl 2, 17389. doi:10.7448/IAS.15.4.17389
- S70 Koenig, M. A., Fauveau, V., Chowdhury, A. I., Chakraborty, J., & Khan, M. A. (1988). Maternal mortality in Matlab, Bangladesh: 1976-85. *Stud Fam Plann*, 19(2), 69-80. doi:<http://dx.doi.org/10.2307/1966492>
- S71 Kohli, C., Kishore, J., Sharma, S., & Nayak, H. (2015). Knowledge and practice of Accredited Social Health Activists for maternal healthcare delivery in Delhi. *J Family Med Prim Care*, 4(3), 359-363. doi:10.4103/2249-4863.161317
- S72 Kumar, V., Kumar, A., Das, V., Srivastava, N. M., Baqui, A. H., Santosham, M., . . . Saksham Study, G. (2012). Community-driven impact of a newborn-focused behavioral intervention on maternal health in Shivgarh, India. *Int J Gynaecol Obstet*, 117(1), 48-55. doi:10.1016/j.ijgo.2011.10.031
- S73 Lamb, W. H., Foord, F. A., Lamb, C. M., & Whitehead, R. G. (1984). Changes in maternal and child mortality rates in three isolated Gambian villages over ten years. *Lancet*, 2(8408), 912-914. doi:[http://dx.doi.org/10.1016/s0140-6736\(84\)90664-0](http://dx.doi.org/10.1016/s0140-6736(84)90664-0)
- S74 Langston, A., Weiss, J., Landegger, J., Pullum, T., Morrow, M., Kabadege, M., . . . Sarriot, E. (2014). Plausible role for CHW peer support groups in increasing care-seeking in an integrated community case management project in Rwanda: a mixed methods evaluation. *Glob Health Sci Pract*, 2(3), 342-354. doi:10.9745/GHSP-D-14-00067
- S75 Larocque, R., Casapia, M., Gotuzzo, E., MacLean, J. D., Soto, J. C., Rahme, E., & Gyorkos, T. W. (2006). A double-blind randomized controlled trial of antenatal mebendazole to reduce low birthweight in a hookworm-endemic area of Peru. *Trop Med Int Health*, 11(10), 1485-1495. doi:10.1111/j.1365-3156.2006.01706.x
- S76 Levy-Bruhl, D., Soucat, A., Osseni, R., Ndiaye, J. M., Dieng, B., De Bethune, X., . . . Knippenberg, R. (1997). The Bamako Initiative in Benin and Guinea: improving the effectiveness of primary health care. *Int J Health Plann Manage*, 12 Suppl 1, S49-79. doi:10.1002/(SICI)1099-1751(199706)12:1+<S49::AID-HPM466>3.0.CO;2-P
- S77 Lim, S. S., Dandona, L., Hoisington, J. A., James, S. L., Hogan, M. C., & Gakidou, E. (2010). India's Janani Suraksha Yojana, a conditional cash transfer programme to increase births in health facilities: an impact evaluation. *Lancet*, 375(9730), 2009-2023. doi:10.1016/S0140-6736(10)60744-1
- S78 Lori, J. R., Amable, E. E., Mertz, S. G., & Moriarty, K. (2012). Behavior change following implementation of home-based life-saving skills in Liberia, West Africa. *J Midwifery Womens Health*, 57(5), 495-501. doi:10.1111/j.1542-2011.2012.00172.x
- S79 Lori, J. R., Munro, M. L., Rominski, S., Williams, G., Dahn, B. T., Boyd, C. J., . . . Gwenegale, W. (2013). Maternity waiting homes and traditional midwives in rural Liberia. *Int J Gynaecol Obstet*, 123(2), 114-118. doi:10.1016/j.ijgo.2013.05.024
- S80 Lunsford, S. S., Fatta, K., Stover, K. E., & Shrestha, R. (2015). Supporting close-to-community providers through a community health system approach: case examples from Ethiopia and Tanzania. *Hum Resour Health*, 13, 12. doi:10.1186/s12960-015-0006-6
- S81 Magnani, R. J. (1995). Strengthening MCH/FP at the grassroots level: People's Republic of China. United Nations Population Fund.
- S82 Management Sciences for Health/REACH (2006). Rural expansion of Afghanistan's community-based healthcare program: Measuring program outcomes through household surveys.

- S83 Manandhar, D. S., Osrin, D., Shrestha, B. P., Mesko, N., Morrison, J., Tumbahangphe, K. M., . . . Members of the MIRA Mawankpur Study Team (2004). Effect of a participatory intervention with women's groups on birth outcomes in Nepal: cluster-randomised controlled trial. *Lancet*, 364(9438), 970-979. doi:10.1016/S0140-6736(04)17021-9
- S84 Martin, K. (2008). Overview of Asha/India
- S85 Mathur, H. N., Damodar, Sharma, P. N., & Jain, T. P. (1979). The impact of training traditional birth attendants on the utilisation of maternal health services. *J Epidemiol Community Health*, 33(2), 142-144. doi:<http://dx.doi.org/10.1136/jech.33.2.142>
- S86 Mbonye, A. K., Bygbjerg, I., & Magnussen, P. (2007). Intermittent preventive treatment of malaria in pregnancy: evaluation of a new delivery approach and the policy implications for malaria control in Uganda. *Health Policy*, 81(2-3), 228-241. doi:10.1016/j.healthpol.2006.05.018
- S87 Mbonye, A. K., Bygbjerg, I. C., & Magnussen, P. (2008). Intermittent preventive treatment of malaria in pregnancy: a new delivery system and its effect on maternal health and pregnancy outcomes in Uganda. *Bull World Health Organ*, 86(2), 93-100. doi:<http://dx.doi.org/10.2471/blt.07.041822>
- S88 Mbonye, A. K., Bygbjerg, I., & Magnussen, P. (2008). Intermittent preventive treatment of malaria in pregnancy: a community-based delivery system and its effect on parasitemia, anemia and low birth weight in Uganda. *Int J Infect Dis*, 12(1), 22-29. doi:10.1016/j.ijid.2006.10.008
- S89 Mbonye, A. K., Hansen, K. S., Bygbjerg, I. C., & Magnussen, P. (2008). Intermittent preventive treatment of malaria in pregnancy: the incremental cost-effectiveness of a new delivery system in Uganda. *Trans R Soc Trop Med Hyg*, 102(7), 685-693. doi:10.1016/j.trstmh.2008.04.016
- S90 Mbonye, A. K., Schultz Hansen, K., Bygbjerg, I. C., & Magnussen, P. (2008). Effect of a community-based delivery of intermittent preventive treatment of malaria in pregnancy on treatment seeking for malaria at health units in Uganda. *Public Health*, 122(5), 516-525. doi:10.1016/j.puhe.2007.07.024
- S91 McPherson, R. A., Khadka, N., Moore, J. M., & Sharma, M. (2006). Are birth-preparedness programmes effective? Results from a field trial in Siraha district, Nepal. *J Health Popul Nutr*, 24(4), 479-488.
- S92 Memon, Z. A., Khan, G. N., Soofi, S. B., Baig, I. Y., & Bhutta, Z. A. (2015). Impact of a community-based perinatal and newborn preventive care package on perinatal and neonatal mortality in a remote mountainous district in Northern Pakistan. *BMC Pregnancy Childbirth*, 15, 106. doi:10.1186/s12884-015-0538-8
- S93 Mercer, A., Khan, M. H., Daulatuzzaman, M., & Reid, J. (2004). Effectiveness of an NGO primary health care programme in rural Bangladesh: evidence from the management information system. *Health Policy Plan*, 19(4), 187-198. doi:<http://dx.doi.org/10.1093/heapol/czh024>
- S94 Midhet, F., & Becker, S. (2010). Impact of community-based interventions on maternal and neonatal health indicators: Results from a community randomized trial in rural Balochistan, Pakistan. *Reprod Health*, 7, 30. doi:10.1186/1742-4755-7-30
- S95 Mobeen, N., Durocher, J., Zuberi, N., Jahan, N., Blum, J., Wasim, S., . . . Hatcher, J. (2011). Administration of misoprostol by trained traditional birth attendants to prevent postpartum haemorrhage in homebirths in Pakistan: a randomised placebo-controlled trial. *BJOG*, 118(3), 353-361. doi:10.1111/j.1471-0528.2010.02807.x

S96 Mohan, D., Gupta, S., LeFevre, A., Bazant, E., Killewo, J., & Baqui, A. H. (2015). Determinants of postnatal care use at health facilities in rural Tanzania: multilevel analysis of a household survey. *BMC Pregnancy Childbirth*, 15, 282. doi:10.1186/s12884-015-0717-7

- S97 More, N. S., Bapat, U., Das, S., Alcock, G., Patil, S., Porel, M., . . . Osrin, D. (2012). Community mobilization in Mumbai slums to improve perinatal care and outcomes: a cluster randomized controlled trial. *PLoS Med*, 9(7), e1001257. doi:10.1371/journal.pmed.1001257
- S98 Morris, S. S., Flores, R., Olinto, P., & Medina, J. M. (2004). Monetary incentives in primary health care and effects on use and coverage of preventive health care interventions in rural Honduras: cluster randomised trial. *Lancet*, 364(9450), 2030-2037. doi:10.1016/S0140-6736(04)17515-6
- S99 Morrison, J., Tamang, S., Mesko, N., Osrin, D., Shrestha, B., Manandhar, M., . . . Costello, A. (2005). Women's health groups to improve perinatal care in rural Nepal. *BMC Pregnancy Childbirth*, 5(1), 6. doi:10.1186/1471-2393-5-6
- S100 Msyamboza, K. P., Savage, E. J., Kazembe, P. N., Gies, S., Kalanda, G., D'Alessandro, U., & Brabin, B. J. (2009). Community-based distribution of sulfadoxine-pyrimethamine for intermittent preventive treatment of malaria during pregnancy improved coverage but reduced antenatal attendance in southern Malawi. *Trop Med Int Health*, 14(2), 183-189. doi:10.1111/j.1365-3156.2008.02197.x
- S101 Mullany, L. C., Lee, T. J., Yone, L., Lee, C. I., Teela, K. C., Paw, P., . . . Beyerer, C. (2010). Impact of community-based maternal health workers on coverage of essential maternal health interventions among internally displaced communities in eastern Burma: the MOM project. *PLoS Med*, 7(8), e1000317. doi:10.1371/journal.pmed.1000317
- S102 Mushamiri, I., Luo, C., liams-Hauser, C., & Ben Amor, Y. (2015). Evaluation of the impact of a mobile health system on adherence to antenatal and postnatal care and prevention of mother-to-child transmission of HIV programs in Kenya. *BMC Public Health*, 15, 102. doi:10.1186/s12889-015-1358-5
- S103 Mushi, D., Mpembeni, R., & Jahn, A. (2010). Effectiveness of community based Safe Motherhood promoters in improving the utilization of obstetric care. The case of Mtwara Rural District in Tanzania. *BMC Pregnancy Childbirth*, 10, 14. doi:10.1186/1471-2393-10-14
- S104 Nahar, T., Azad, K., Aumon, B. H., Younes, L., Shah, S., Kuddus, A., . . . Fottrell, E. (2012). Scaling up community mobilisation through women's groups for maternal and neonatal health: experiences from rural Bangladesh. *BMC Pregnancy Childbirth*, 12, 5. doi:10.1186/1471-2393-12-5
- S105 Ndiaye, M., Siekmans, K., Haddad, S., & Receveur, O. (2009). Impact of a positive deviance approach to improve the effectiveness of an iron-supplementation program to control nutritional anemia among rural Senegalese pregnant women. *Food Nutr Bull*, 30(2), 128-136. doi:<http://dx.doi.org/10.1177/156482650903000204>
- S106 Newlands, D., Yugbare-Belemsaga, D., Ternent, L., Hounton, S., & Chapman, G. (2008). Assessing the costs and cost-effectiveness of a skilled care initiative in rural Burkina Faso. *Trop Med Int Health*, 13 Suppl 1, 61-67. doi:10.1111/j.1365-3156.2008.02088.x
- S107 Ngabo, F., Nguimfack, J., Nwaigwe, F., Mugeni, C., Muhoza, D., Wilson, D. R., . . . Binagwaho, A. (2012). Designing and Implementing an Innovative SMS-based alert system (RapidSMS-MCH) to monitor pregnancy and reduce maternal and child deaths in Rwanda. *Pan Afr Med J*, 13, 31.
- S108 Nonyane, B. A., Kc, A., Callaghan-Koru, J. A., Guenther, T., Sitrin, D., Syed, U., . . . Baqui, A. H. (2015). Equity improvements in maternal and newborn care indicators: results from the Bardiya district of Nepal. *Health Policy Plan*. doi:10.1093/heapol/czv077

- S109 Okeibunor, J. C., Orji, B. C., Brieger, W., Ishola, G., Otolorin, E., Rawlins, B., . . . Fink, G. (2011). Preventing malaria in pregnancy through community-directed interventions: evidence from Akwa Ibom State, Nigeria. *Malar J*, 10, 227. doi:10.1186/1475-2875-10-227
- S110 Omer, K., Mhatre, S., Ansari, N., Laucirica, J., & Andersson, N. (2008). Evidence-based training of frontline health workers for door-to-door health promotion: a pilot randomized controlled cluster trial with Lady Health Workers in Sindh Province, Pakistan. *Patient Educ Couns*, 72(2), 178-185. doi:10.1016/j.pec.2008.02.018
- S111 Opoku, S. A., Kyei-Faried, S., Twum, S., Djan, J. O., Browne, E. N., & Bonney, J. (1997). Community education to improve utilization of emergency obstetric services in Ghana. The Kumasi PMM Team. *Int J Gynaecol Obstet*, 59 Suppl 2, S201-207. doi:[http://dx.doi.org/10.1016/s0020-7292\(97\)00166-5](http://dx.doi.org/10.1016/s0020-7292(97)00166-5)
- S112 O'Rourke, K., Howard-Grabman, L., & Seoane, G. (1998). Impact of community organization of women on perinatal outcomes in rural Bolivia. *Rev Panam Salud Publica*, 3(1), 9-14. doi:<http://dx.doi.org/10.1590/s1020-49891998000100002>
- S113 Owusu-Agyei, S., Awini, E., Anto, F., Mensah-Afful, T., Adjuik, M., Hodgson, A., . . . Binka, F. (2007). Assessing malaria control in the Kassena-Nankana district of northern Ghana through repeated surveys using the RBM tools. *Malar J*, 6, 103. doi:10.1186/1475-2875-6-103
- S114 Perez, F., Mukotekwa, T., Miller, A., Orne-Gliemann, J., Glenshaw, M., Chitsike, I., & Dabis, F. (2004). Implementing a rural programme of prevention of mother-to-child transmission of HIV in Zimbabwe: first 18 months of experience. *Trop Med Int Health*, 9(7), 774-783. doi:10.1111/j.1365-3156.2004.01264.x
- S115 Plan/Nepal (2006). For our mothers and children: Scaling success to the district level Plan Nepal Child Survival XVIII Cost Extension.
- S116 Prata, N., Ejembi, C., Fraser, A., Shittu, O., & Minkler, M. (2012). Community mobilization to reduce postpartum hemorrhage in home births in northern Nigeria. *Soc Sci Med*, 74(8), 1288-1296. doi:10.1016/j.socscimed.2011.11.035
- S117 Purdin, S., Khan, T., & Saucier, R. (2009). Reducing maternal mortality among Afghan refugees in Pakistan. *Int J Gynaecol Obstet*, 105(1), 82-85. doi:10.1016/j.ijgo.2008.12.021
- S118 Rahman, A., Malik, A., Sikander, S., Roberts, C., & Creed, F. (2008). Cognitive behaviour therapy-based intervention by community health workers for mothers with depression and their infants in rural Pakistan: a cluster-randomised controlled trial. *Lancet*, 372(9642), 902-909. doi:10.1016/S0140-6736(08)61400-2
- S119 Rahman, M., Jhohura, F. T., Mistry, S. K., Chowdhury, T. R., Ishaque, T., Shah, R., & Afsana, K. (2015). Assessing Community Based Improved Maternal Neonatal Child Survival (IMNCS) Program in Rural Bangladesh. *PLoS One*, 10(9), e0136898. doi:10.1371/journal.pone.0136898
- S120 Rajbhandari, S., Hodgins, S., Sanghvi, H., McPherson, R., Pradhan, Y. V., Baqui, A. H., & Misoprostol Study, G. (2010). Expanding uterotonic protection following childbirth through community-based distribution of misoprostol: operations research study in Nepal. *Int J Gynaecol Obstet*, 108(3), 282-288. doi:10.1016/j.ijgo.2009.11.006
- S121 Rath, S., Nair, N., Tripathy, P. K., Barnett, S., Rath, S., Mahapatra, R., . . . Prost, A. (2010). Explaining the impact of a women's group led community mobilisation intervention on maternal and newborn health outcomes: the Ekjut trial process evaluation. *BMC Int Health Hum Rights*, 10, 25. doi:10.1186/1472-698X-10-25

- S122 Rotheram-Borus, M. J., Tomlinson, M., le Roux, I. M., Harwood, J. M., Comulada, S., O'Connor, M. J., . . . Worthman, C. M. (2014). A cluster randomised controlled effectiveness trial evaluating perinatal home visiting among South African mothers/infants. *PLoS One*, 9(10), e105934. doi:10.1371/journal.pone.0105934
- S123 Sanghvi, H., Ansari, N., Prata, N. J., Gibson, H., Ehsan, A. T., & Smith, J. M. (2010). Prevention of postpartum hemorrhage at home birth in Afghanistan. *Int J Gynaecol Obstet*, 108(3), 276-281. doi:10.1016/j.ijgo.2009.12.003
- S124 SANRU III (2006). Final Evaluation.
- S125 Save the Children/Ethiopia (2006). Essential Services for Maternal and Child Survival in Ethiopia: Mobilizing the Traditional and Public Health Sectors and Informing Programming for Pastoralist Populations.
- S126 Save the Children/Guinea (2006). Child Survival 18-Guinea final evaluation report: Community health Initiative for the districts of Kouroussa and Mandiana Guinea.
- S127 Save the Children/Zambia (2014). Lufwanyama Integrated Neonatal and Child Health Projec in Zambia (LINCHPIN): Final Evaluation.
- S128 Seim, A. R., Alassoum, Z., Bronzan, R. N., Mainassara, A. A., Jacobsen, J. L., & Gali, Y. A. (2014). Pilot community-mobilization program reduces maternal and perinatal mortality and prevents obstetric fistula in Niger. *Int J Gynaecol Obstet*, 127(3), 269-274. doi:10.1016/j.ijgo.2014.06.016
- S129 Shah, P. M., Selwyn, B. J., Shah, K., & Kumar, V. (1993). Evaluation of the home-based maternal record: a WHO collaborative study. *Bull World Health Organ*, 71(5), 535-548.
- S130 Shamsuddin, L., Nahar, K., Nasrin, B., Nahar, S., Tamanna, S., Kabir, R. M., . . . Anwary, S. A. (2005). Use of parenteral magnesium sulphate in eclampsia and severe pre-eclampsia cases in a rural set up of Bangladesh. *Bangladesh Med Res Counc Bull*, 31(2), 75-82.
- S131 Shetty, A. K., Mhazo, M., Moyo, S., von Lieven, A., Mateta, P., Katzenstein, D. A., . . . Bassett, M. T. (2005). The feasibility of voluntary counselling and HIV testing for pregnant women using community volunteers in Zimbabwe. *Int J STD AIDS*, 16(11), 755-759. doi:10.1258/095646205774763090
- S132 Shrestha, J. R., Manandhar, D. S., Manandhar, S. R., Adhikari, D., Rai, C., Rana, H., . . . Pradhan, A. (2015). Maternal and Neonatal Health Knowledge, Service Quality and Utilization: Findings from a Community Based Quasi-experimental Trial in Arghakhanchi District of Nepal. *J Nepal Health Res Counc*, 13(29), 78-83.
- S133 Sibley, L., Buffington, S. T., & Haileyesus, D. (2004). The American College of Nurse-Midwives' home-based lifesaving skills program: a review of the Ethiopia field test. *J Midwifery Womens Health*, 49(4), 320-328. doi:10.1016/j.jmwh.2004.03.013
- S134 Skinner, J., & Rathavy, T. (2009). Design and evaluation of a community participatory, birth preparedness project in Cambodia. *Midwifery*, 25(6), 738-743. doi:10.1016/j.midw.2008.01.006
- S135 Smith, A., Sabido, M., Camey, E., Batres, A., & Casabona, J. (2015). Lessons learned from integrating simultaneous triple point-of-care screening for syphilis, hepatitis B, and HIV in prenatal services through rural outreach teams in Guatemala. *Int J Gynaecol Obstet*, 130 Suppl 1, S70-72. doi:10.1016/j.ijgo.2015.04.009
- S136 Smith, J. M., Baawo, S. D., Subah, M., Sirtor-Gbassie, V., Howe, C. J., Ishola, G., . . . Dwivedi, V. (2014). Advance distribution of misoprostol for prevention of postpartum hemorrhage (PPH) at home births in two districts of Liberia. *BMC Pregnancy Childbirth*, 14, 189. doi:10.1186/1471-2393-14-189

- S137 Smith, J. M., Dimiti, A., Dwivedi, V., Ochieng, I., Dalaka, M., Currie, S., . . . McKaig, C. (2014). Advance distribution of misoprostol for the prevention of postpartum hemorrhage in South Sudan. *Int J Gynaecol Obstet*, 127(2), 183-188. doi:10.1016/j.ijgo.2014.05.016
- S138 Stanton, C. K., Newton, S., Mullany, L. C., Cofie, P., Tawiah Agyemang, C., Adiibokah, E., . . . Owusu-Agyei, S. (2013). Effect on postpartum hemorrhage of prophylactic oxytocin (10 IU) by injection by community health officers in Ghana: a community-based, cluster-randomized trial. *PLoS Med*, 10(10), e1001524. doi:10.1371/journal.pmed.1001524
- S139 Syed, U., Asiruddin, S., Helal, M. S., Mannan, II, & Murray, J. (2006). Immediate and early postnatal care for mothers and newborns in rural Bangladesh. *J Health Popul Nutr*, 24(4), 508-518.
- S140 Thiam, L., & World Vision/Senegal (1994, Oct 2-7, 1994). Impact of the Thies CSP on the Health Knowledge and Practices of Mothers Living in the Sub-district of Niakhene (Thies region). Paper presented at the Community Impact of PVO Child Survival Efforts: 1995 - 1994, Bangalore, Karnataka, India.
- S141 Timsa, L., Marrone, G., EKirapa, E., & Waiswa, P. (2015). Strategies for helping families prepare for birth: experiences from eastern central Uganda. *Glob Health Action*, 8, 23969. doi:10.3402/gha.v8.23969
- S142 Tripathy, P., Nair, N., Barnett, S., Mahapatra, R., Borghi, J., Rath, S., . . . Costello, A. (2010). Effect of a participatory intervention with women's groups on birth outcomes and maternal depression in Jharkhand and Orissa, India: a cluster-randomised controlled trial. *Lancet*, 375(9721), 1182-1192. doi:10.1016/S0140-6736(09)62042-0
- S143 Turan, J. M., & Say, L. (2003). Community-based antenatal education in Istanbul, Turkey: effects on health behaviours. *Health Policy Plan*, 18(4), 391-398. doi:<http://dx.doi.org/10.1093/heapol/czg047>
- S144 Turan, J. M., Tesfagiorghis, M., & Polan, M. L. (2011). Evaluation of a community intervention for promotion of safe motherhood in Eritrea. *J Midwifery Womens Health*, 56(1), 8-17. doi:10.1111/j.1542-2011.2010.00001.x
- S145 USAID/Burundi (2013). Community health systems strengthening in Cibitoke province, Burundi: Mabayi child survival project final evaluation report.
- S146 Uzondu, C. A., Doctor, H. V., Findley, S. E., Afenyadu, G. Y., & Ager, A. (2015). Female health workers at the doorstep: a pilot of community-based maternal, newborn, and child health service delivery in northern Nigeria. *Glob Health Sci Pract*, 3(1), 97-108. doi:10.9745/GHSP-D-14-00117
- S147 Vision Eritrea & the Swiss Red Cross (2007). Community-based health care project, Eritrea (2003-2007): Final Evaluation Report.
- S148 Waiswa, P., Pariyo, G., Kallander, K., Akuze, J., Namazzi, G., EKirapa-Kiracho, E., . . . Uganda Newborn Study, T. (2015). Effect of the Uganda Newborn Study on care-seeking and care practices: a cluster-randomised controlled trial. *Glob Health Action*, 8, 24584. doi:10.3402/gha.v8.24584
- S149 Wajid, A., White, F., & Karim, M. S. (2013). Community health workers and health care delivery: evaluation of a women's reproductive health care project in a developing country. *PLoS One*, 8(9), e75476. doi:10.1371/journal.pone.0075476
- S150 Wangalwa, G., Cudjoe, B., Wamalwa, D., Machira, Y., Ofware, P., Ndirangu, M., & Ilako, F. (2012). Effectiveness of Kenya's Community Health Strategy in delivering community-based maternal and newborn health care in Busia County, Kenya: non-randomized pre-test post test study. *Pan Afr Med J*, 13 Suppl 1, 12.

- S151 Williamson, N. E., Parado, J. P., & Maturan, E. G. (1983). Providing maternal and child health-family planning services to a large rural population: results of the Bohol Project, Philippines. *Am J Public Health*, 73(1), 62-71. doi:<http://dx.doi.org/10.2105/ajph.73.1.62>
- S152 Zhenxuan, X. (1995). China: Lowering maternal mortality in Miyun county, Beijing. *World Health Stat Q*, 48(1), 11-14.