

Save the Children
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CCM Task Force/OR Sub-group
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USAID CSHGP Lufwanyama Integrated Neonatal & Child Health Project in Zambia (LINCHPIN) – 1 Oct 2009 - 30 Sep 2014

OR partner: Boston University, Center for Global Health & Development, Dr. Kojo Yeboah-Antwi (Principal Investigator)

Operations Research: *The feasibility, acceptability, and effect of teaming community health workers and trained traditional birth attendants to deliver newborn and child health interventions in a remote Zambian district.*

Findings:

1. What does TBA-CHW “teaming” look like and how do we measure it in rural Zambia?

- Need to measure performance for both teamwork & taskwork
- Widespread acceptance by TBAs, CHWs, communities (e.g., spontaneous creation of teams in non-OR areas)
- Support of Neighborhood Health Committees critical to team performance & community acceptance
- Better functioning teams = high coverages
- Described “new role” for TBAs

2. Can TBA-CHW teams increase the delivery of maternal, newborn and CCM interventions in rural Zambia?

- Increases in knowledge of danger signs & importance of early care-seeking
- Increases in use of ANC, SBA, PNC
- Increased coverages for severe illness, pneumonia, malaria (e.g., ACT within 24 hours fever onset from 30% [baseline] to 60% [endline])

How findings have influenced implementation:

- TBAs disenfranchised by government policy (SMAGs)
- Idea cannot be further tested or move forward in Zambia

How findings can be applied to other countries/settings:

- Depends on status of TBA practice

Additional evidence or knowledge gaps:

- N/A

Publications:

1. Yeboah-Antwi K, Snetro-Plewman G, Waltensperger KZ, Hamer DH, Kambikambi C, MacLeod W, Filumba S, Sichamba B, Marsh D: Measuring teamwork and taskwork of community-based “teams” delivering life-saving health interventions in rural Zambia: a qualitative study. BMC Med Res Methodol 2013, 13:84. <http://bmcmedresmethodol.biomedcentral.com/articles/10.1186/1471-2288-13-84>
3. Yeboah-Antwi K, Hamer DH, Semrau K, Waltensperger KZ, Snetro-Plewman G, Kambikambi C, Sakala C, Filumba S, Sichamba B, Marsh DR. Can a community health worker and a trained traditional birth attendant work as a team to deliver child health interventions in rural Zambia? BMC Health Services Research 2014, 14:516. <http://www.biomedcentral.com/1472-6963/14/516>
4. Yeboah-Antwi K, Waltensperger KZ, Hamer DH, Semrau K, Snetro-Plewman G, Sakala A, Filumba S, Sichamba B, Marsh DR. Integrating community-based newborn and child health services in rural Zambia: effectiveness of teams of community health workers and trained traditional birth attendants, in preparation.