

Operations Research Subgroup Meeting: May 20, 2015 at 10-11AM EST

In attendance: David Hamer (Boston University), Karin Kallander (Malaria Consortium), Rashid Mohammed (Save the Children), Franco Pagnoni (WHO/Global Malaria Program), Paulin Basinga (The Gates Foundation), Florence Nyangara (ICFI), Michel Pacque, Serge Raharison, Maura Gaughan, Savitha Subramanian, Dyness Kasungami and Anna Bryant (MCSP)

Agenda Item	Notes	Action Items
inSCALE Uganda Evaluation (Karin Kallander)	<ul style="list-style-type: none"> • Preliminary results of the endline evaluation of the inSCALE project. Project implementing in Uganda and Mozambique with Gates Foundation funding to increase coverage and quality of iCCM at scale. • inSCALE goal: To demonstrate that government-led iCCM programs in 2 African countries can be scaled up to 33% of the districts, resulting in at least 50% of children in these districts accessing standard case management for diarrhea, pneumonia, and malaria. • We have seen projects with similar challenges in areas regarding implementation and scale-up of new interventions. • inSCALE team developed three intervention packages; two for Uganda and one for Mozambique. The technology-based intervention was implemented in Mozambique and Uganda, and the community engagement approach was implemented in Uganda only. Overall treatment was low, especially for diarrhea. • Looked at the function of community health worker. • An evaluation framework used to guide data collection framework • See Karin's presentation (attached) for diagrams and charts of all the findings. 	Those who were unable to ask questions are welcome to email Karin Kallander at karin.kallander@ki.se .
UNICEF Studies (Nick Oliphant)	<ul style="list-style-type: none"> • Multi-country study looking at barriers to care seeking. Currently, there are data from 2 rounds of surveys in 4 districts in Zambia and data from a number of districts in DRC. Data from Uganda, Sierra Leone and Niger. Two types of data have been collected: 1) household survey data, asking caregivers about barriers and to prioritize them, 2) Niger: supply-side data, hopefully integrated with 	Reaching out to partners in OR subgroup to put together a review team that would be interested in exploring this topic. Nick will share concept note that he has put together.

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	<p>household survey data (multi-country research)</p> <ul style="list-style-type: none"> • Using multi-level modeling to look at determinants of care seeking, including measures of geographic access and geospatial coordinates, linking with survey data. We will be able to include covariate aspects at the community and higher levels (multi-level models). • Attempt to match respondents at the household level that were exposed to CHWs, create different definitions for them (or priority definitions). Using gradient/buffer zone around areas, trying to come up with idea or comparison of coverage around areas. Comparing exposed vs. non-exposed groups etc. • Try to deal with issues of measures of coverage and care-seeking of CHWs. Don't take into consideration any measures of exposure to CHWs. Not all communities in the district are exposed. The measure is one of exposure. • Observational study will look at this method to study effects of iCCM and look at the best methodology. • Third area is a systematic review of iCCM. Past reviews have addressed elements of iCCM, e.g. one focused on outcomes for malaria. There was a review done on supervision and training with quality of care but no comprehensive review. • Need to determine review questions and outcome, review team and skills set, and type of studies to include • 9months – 1year for systematic review timeline. • Observational studies: what is the outcome that you are looking at? Looking at care seeking outcomes, and also what factors are associated with those outcomes. 	<p>Email Nick if you have time and the right skill set.</p> <p>Will discuss iCCM review concept note at next meeting.</p>
<p>Feedback on workplan and suggestions for future presentations David Hamer</p>	<ul style="list-style-type: none"> • Open for suggestions for future presentations. Please reach out to Dyness, Anna or David. 	
<p>Upcoming conferences and OR</p>	<ul style="list-style-type: none"> • iCCM symposium for ASTMH was accepted. David is finalizing 	

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subgroup presentations- ASTMH symposia	<p>structure and presentations with Mark Young.</p> <ul style="list-style-type: none"> • Karin notified us that the Malaria Consortium also has had a symposium proposal accepted at ASTMH for inSCALE. • Suggestion: show in this group, the different presentation/studies and results should be linked to improving iCCM implementation and outcomes. • Karin will give 5min presentation next time on the Traction-funded proposal to compare 3 day follow-up vs. conditional visits of RDT-negative children in Ethiopia 	
	Next call: 2 months from now.	