GLOBAL TASK FORCE ON
CHOLERA CONTROL

UPDATE ON GTFCC RESEARCH AGENDA

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GTFCC RESEARCH AGENDA

PRE-IMPLEMENTATION	IMPLEMENTATION	POST IMPLEMENTATION / M&E

BURDEN OF DISEASE AND IDENTIFICATION OF HOTSPOTS:
• Description of existing hotspots to inform the definition of hotspots:
    ○ Quantification: laboratory confirmation, sero-surveys
    ○ Characterization: changing incidence and timing, WASH conditions, transmission (in and out)
• Accessible laboratory confirmation methods in hotspots
• Develop and pilot an assessment tool – hotspot vs at risk (using a tier approach), including lab capacity
• Improve estimates of mortality and where it occurs
 	
TRANSMISSION DYNAMICS:
• Macro level analysis: laboratory data, Whole Genome Sequencing, epidemiological data
• Community/household level : environmental reservoir vs human to human transmission, Social science
• Disease modelling for outbreak short term prediction
	OPTIMIZATION (INNOVATION) OF INTERVENTIONS AT THE COMMUNITY LEVEL:
	• RDTs
	• Use of antibiotic (targeted prophylaxis)
	• WASH package (short medium and long term)
	• Delivery strategies for OCV including new cholera vaccines, use in "controlled temperature chain" (CTC),
	
	BEHAVIOUR CHANGE
	
	OPERATIONAL RESEARCH ON OCV: co-administration with other vaccines, simplification of delivery
	
	SYNERGIES OF INTERVENTIONS: OCV and WASH, Cholera and Severe Acute Malnutrition (SAM)
		EFFECTIVENESS
		
		CHANGE IN ATTITUDE: Lessons learnt to be documented

SOCIAL SCIENCES: Country engagement: policy drivers, determinants and barriers, documenting success stories through case studies – to be linked to advocacy efforts

IMPACT: Level of WASH coverage to stop transmission, OCV duration of protection, outcomes and process for continuous improvement, role of disease estimate modelling to support countries in defining control plans, impact of OCV reactive campaigns

COST EFFECTIVENESS/VALUE FOR MONEY

GTFCC RESEARCH AGENDA	MAPPED RESEARCH PRIORITIES FOR WASH AND CHOLERA
OPTIMISATION (INNOVATION) OF INTERVENTIONS AT THE COMMUNITY LEVEL	• Commonly-implemented, severely under-researched – effectiveness and impact of interventions with no supporting evidence • Rapid Response Teams – effectiveness and impact of targeted WASH household responses
TRANSMISSION DYNAMICS	• Minimum WASH Package – case studies and evidence based design
SYNERGIES OF INTERVENTIONS	• OCV and WASH – timely and effective interventions
BEHAVIOUR CHANGE / CHANGE IN ATTITUDE	• Behaviour practices and improvements – identification of motivators and barriers
SOCIAL SCIENCES AND IMPACT	• Integrated Health and WASH responses – programmatic learning and case studies

RESEARCH PLAN: CONSULTANCY

OVERVIEW

- UNICEF for GTFCC and WASH Working Group

- 80 days over 6 months

- Harmonised approach for research

- Define research plan to support advocacy and resource mobilisation efforts

ACTIVITIES

- Map existing and/or on-going research

- Identify any remaining knowledge gaps

- Develop research plan (formulate research questions, methodology, outline)

- Develop funding and advocacy plan

- Develop monitoring and accountability framework