

Research agenda from GTFCC workshop

23/24 July 2018 supported by DFID/Wellcome

PRE-IMPLEMENTATION	IMPLEMENTATION	POST IMPLEMENTATION / M&E
<p>Burden of disease and identification of hotspots:</p> <ul style="list-style-type: none"> Description of existing hotspots to inform the definition of hotspots: <ul style="list-style-type: none"> 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 <p>Transmission dynamics:</p> <ul style="list-style-type: none"> 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 	<p>Optimization of interventions at the community level:</p> <ul style="list-style-type: none"> Rapid Diagnostic Tests 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) Behavior change <p>Operational research on cholera vaccine:</p> <ul style="list-style-type: none"> co-administration with other vaccines, vaccine duration of protection, simplification of delivery <p>Synergies of interventions: OCV and WASH</p> <p>Cholera And Severe Acute Malnutrition (SAM)</p>	<p>Effectiveness:</p> <ul style="list-style-type: none"> Outcomes and process for continuous improvement Improve targeting and use of interventions in country <p>Change in attitude:</p> <ul style="list-style-type: none"> Political will Lessons learnt to be documented
CROSS-CUTTING		
<p>Social sciences</p> <ul style="list-style-type: none"> Country engagement: policy drivers, determinants and barriers Documenting success stories through case studies – to be linked to advocacy efforts <p>Impact:</p> <ul style="list-style-type: none"> Level of WASH coverage needed to stop transmission, Role of disease estimate modelling to support countries in defining control plans Impact of outbreak response (including OCV reactive campaigns) and endemic cholera control activities <p>Cost effectiveness/value for money</p>		