



GLOBAL TASK FORCE ON
CHOLERA CONTROL

LAB WORKING GROUP UPDATE
GTFCC ANNUAL MEETING — 20 OCTOBER 2020

Marie-Laure Quilici

KEY ACHIEVEMENTS

- Job Aids completed, English and French:
 - Specimen Packaging and Domestic Transportation
 - Strain Conditioning and International Transportation
- Job Aids in draft:
 - Anti-microbial Resistance: near final
 - ✓ Table of values on antimicrobial resistance
 - *V. cholerae* culture procedure, culture Fact Sheet: revision
- Update of WHO cholera lab kit
- Draft evaluation grid for country lab capacity

CHALLENGES

- COVID-19
 - Field diagnostic needs overwhelmed national laboratories, reducing staff and materials for cholera diagnostics.
 - Lab working group members pulled for national and local outbreak duties.
 - No annual face to face meeting,
- Secretariat temporarily understaffed

2020 – 2021 PRIORITIES

- Antibiotic resistance:
 - Define the interpretation criteria which are coherent among 2 references
 - Maintain disc diffusion vs MIC (test strips or microplates)
 - Specific country lab practices for resistance-testing
- Etat de lieu of lab capacities of countries engaged in NCP (and national lab-specific interlocuters)
- Determine how lab capacities can be used to better determine the true preponderance of cholera during and in-between outbreaks (close the gap between lab and epidemiology)

WORKING GROUP MEMBERSHIP (LAB)

American University of Beirut
Bill & Melinda Gates Foundation
Centers for Disease Control and Prevention
Centre de Recherche Médicale et Sanitaire,
CERMES, Niger
Eawag-Sandec
Epicentre
Gavi, the Vaccine Alliance
Icddr,b
ICMR -National Institute of Cholera and
Enteric Disease

Institut Pasteur
Johns Hopkins University
Médecins Sans Frontières
Fondation Merieux
National Institute for Communicable
Diseases, South Africa
Nigeria Centre for Disease Control
Translational Health Science and
Technology Institute
Sanger / LSTMH
UNICEF
University of Florida

Thank you

Together we can
#endcholera



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