

Module 6





Supporting material

What will you learn?

• Where to find supporting material on cholera surveillance



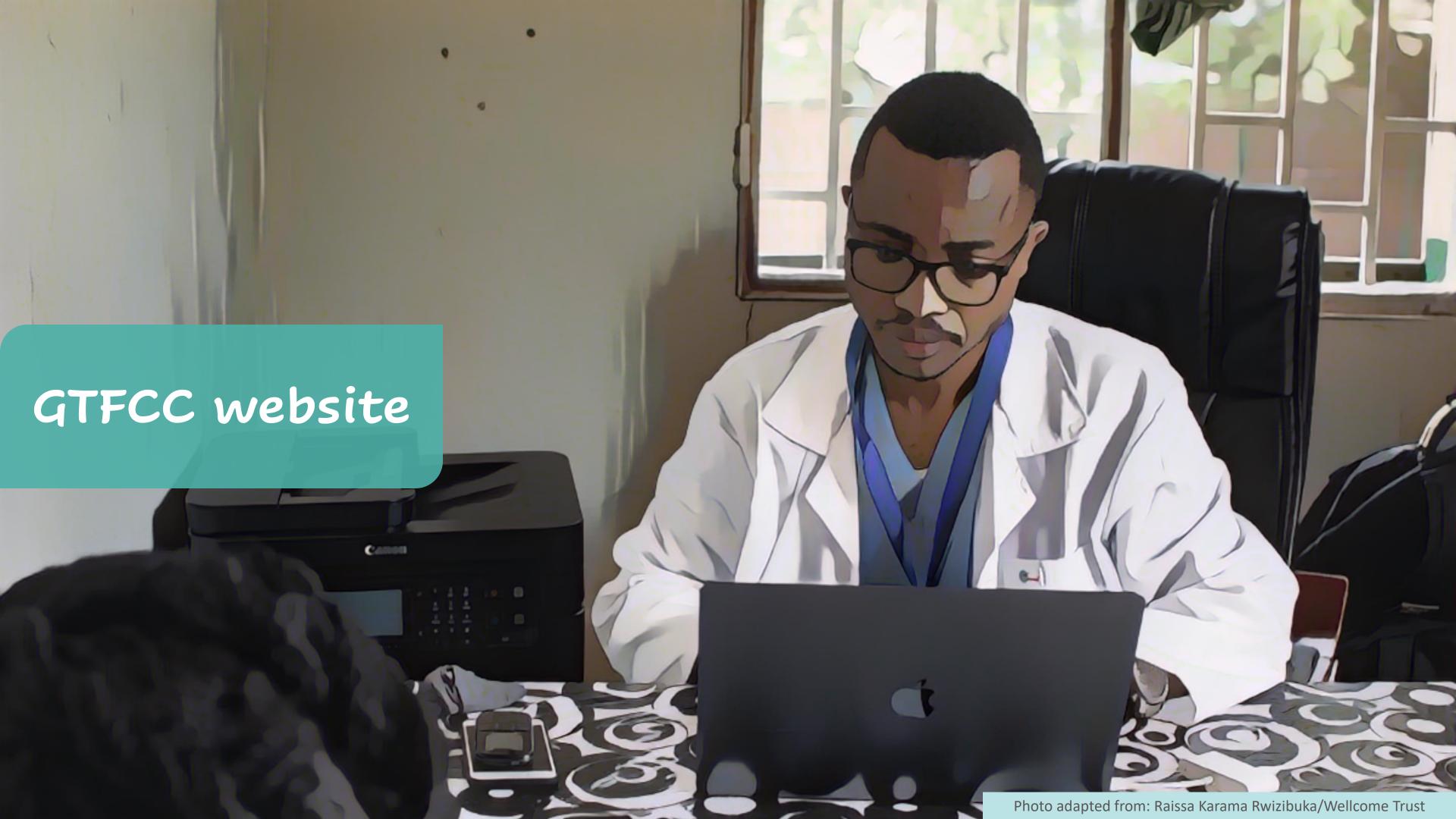
GTFCC cholera app



- Phone-based application for health professionals
- **Free** of charge
- Compatible with Android and iOS
- Can be used offline
- **■** Includes summary **guidance and practical tools** including on:
 - Case management
 - Surveillance
 - Testing



https://www.gtfcc.org/cholera-app/



GTFCC website - Resources tab



INTERVENTION ×

All
Advocacy
Case Management
Laboratory
Oral Cholera Vaccines
Surveillance
WASH

https://www.gtfcc.org/resources

- Detailed technical guidance including on:
 - Case management
 - Surveillance
 - Testing

GTFCC Website - Surveillance

https://tinyurl.com/CholeraSurveillance

Detailed guidance

Public health surveillance for cholera

Guidance Document 2024





Template case report form

Consuliations							
General information							
Date of reporting by the health facility: [_Y_][_Y_][_Y_] - [_M_][_M_] - [_D_][_D_]							
Name of the report	Name of the reporting health facility:						
	1. Patient information						
Unique patient identifier							
First name(s) of the patient							
Last name(s) of the patient							
Age of the patient (in years) [if the patient is under 1 year, record 0]		years					
Patient's sex at birth		☐ Female ☐ Male					
Place of residence	Admin level 1 [e.g., region or province of residence of the patient]						
	Admin level 2 [e.g., district of residence of the patient]						
	Admin level 3 [e.g., health area or commune of residence of the patient]						
	Admin level 4 [e.g., ward, municipal sector or village of residence of the case]						
	Address of residence [neighbourhood, street, house]						



Example of a line list

Last name	Age (in years)	Date of symptom onset	Hospitalization	Level of dehydration
LASTNAME	AGE	DATEOFONSET	HOSPITALIZATION	DEHYDRATION
mmmm	22	2023-01-01	Inpatient	Unknown
0000	35	2023-01-01	Inpatient	Severe dehydration
nnnnn	7	2023-01-02	Inpatient	Some dehydration
ppppp	45	2023-01-02	Inpatient	Severe dehydration
qqqqq	46	2023-01-03	Outpatient	Some dehydration
rrrrr	0	2023-01-03	Inpatient	Severe dehydration
SSSS	17	2023-01-03	Outpatient	Some dehydration
ttttt	13	2023-01-03	Inpatient	Some dehydration
uuuuu	33	2023-01-04	Inpatient	Some dehydration
vvvvv	19	2023-01-10	Inpatient	Some dehydration
www	52	2023-01-15	Inpatient	Some dehydration
уууу	20	2023-01-21	Inpatient	Severe dehydration



GTFCC Website - Testing

RDT - Job aid

April Diagnostic Test (RDT) for cholera detection Ouick Reference Guide - For more detailed instructions please refer to the manufacturer? Package inset Fig. 1975 are used to invide diagnoses. Fig. 1975 are used to invide diagnoses. For the fill of invites to a consideration of use Fig. 2075 are used to invide the detactions only and once the outbreak is declared. For the fill of invites to a consideration of place to the part of the state of the consideration of the continues of the state of the consideration of the continues of the state o



Referral form for testing



GTFCC Laboratory Referral Form for Cholera Suspected Case

The referring health worker is to complete this form and send a copy to the laboratory with the specimen (one form per specimen sent).						
Please attach a copy of the Admission and Triage	Form (Appendix 12 of the Cholera Outbreak Manual).					
For specific instructions for packaging and transp Laboratory Confirmation of Vibrio cholerae O1/O	portation please refer to Specimen Packaging and Domestic Transportation for 139.					
Request made by —						
Name of health facility (or stamp or health facility	y identifier)					
DD MM YYYY Date of request: / /						
Address:						
Phone:	E-mail:					
Request made for						
-	imicrobial Susceptibility Testing					
Specimen ————————————————————————————————————						
Sandana ID	DD MM YYYY Hour Minute					
•	Date and time of collection:					
	al swab					
Blood observed in stool:	i swab 🔲 otner, specify					
	C Water C Pleady music					
Appearance of specimen: Formed Soft						
on filter pape	iner (no added reagents) in Cary Blair in Alkaline Peptone Water (APW) or other, specify:					
	MM YYYY !!					
	sent are different, how was the specimen stored (media, temperature)?					
	□ No □ Yes, specify: □ Enriched RDT □ Direct RDT					
	Result: Positive Negative Indeterminate					



Handling samples

Specimen Packaging and Domestic Transportation for Laboratory Confirmation of *Vibrio cholerae* 01/0139



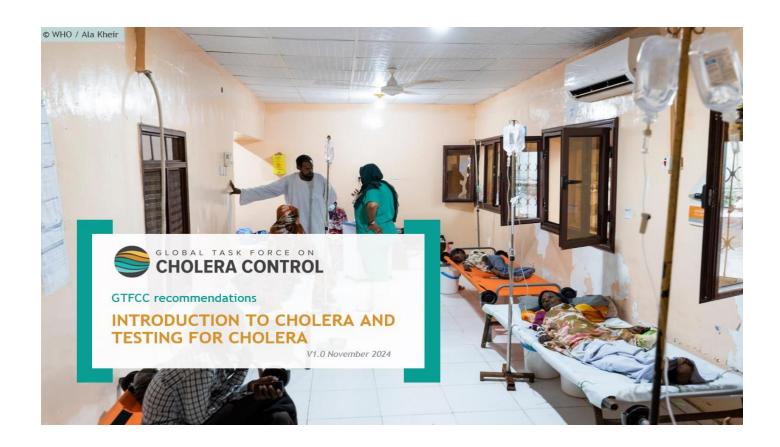
for Laboratory Confire	nation of <i>Vibrio chole</i>	<i>rae</i> 01/0	139	CHOLERA CONTROL			
FAECAL SPECIMENS CONDITIONING: 4 possible options							
Use gloves and lab coat when handling samples at all times. Specimen Label: Curefully identify specimens and indicate (using a permanent marker) patient name, date of collection, time, location of sampling and location of patient when likely infected. Lab Form: Use Annex 28 - IDSR case-based laboratory reporting form. ¹							
Faecal Specimen in Stool Container	APW (alkaline peptone water)		Dry Filter Paper WFP/DFP)	Cary Blair medium, Faecal Sample or Rectal Swab			
Keep in initial stool container.	Transfer faecal material from initial container into APW tube.	Dip filter disk in with single-use transfer into	OTER PAPER (WFP) to watery faecal material device (forceps, needle), tube, add 2 to 3 deeps	For faecal samples: dip swab in liquid stool and transfer into Cary Blair medium. Rectal swab: Place swab directly into Cary			
	NOTE: The faccal material should not exceed 10% of the volume of the APW enrichment.	DRY FILE Deposit one di filter paper. Air	ine, close tube. IER PAPER (DFP) rap of watery stool onto dry paper before placing I pouch with desiccant.	Blair. No further manipulation is required.			
Compatibility with testing methods (eit	ther directly from sample or after incubat	ion steps in APW	for those marked with *).				
RDT, culture, molecular analysis	RDT, culture, molecular analysis RDT, culture, molecular analysis		nolecular analysis, RDT* olecular analysis	Culture, molecular analysis* and RDT*			
MATERIAL REQUIRED	MATERIAL REQUIRED						
Stool container (plastic, screw cap, 30ml, without disinfectant)	APW, tubes with screw cap, transfer pipettes or swabs	WFP: Filter paper discs (6mm Ø, non- sterile), saline solution, forceps or needle, 2ml tube (screw cap) DFP: Whatman cards (903 protein saver, FTA Blute Micro Cards), disposable transfer pipettes, individual pouches, desicant		Cary Blair (semi-solid, bottle/tube), swab (sterile, cotton/polyester)			
Parafilm or sealing tape to seal pack	Parafilm or sealing tape to seal packages and prevent leakage (not required for dry filter paper).						
CONSERVATION							
Ambient temperature (ideally 22-2	5°C). Do not refrigerate. Keep stool co	ntainer out of o	direct sunlight.				
2 hours max. If delay >2h, use Cary Blair. Less than 24 hours		WFP: ideally less than 15 days DFP: no limitation		Follow manufacturer's instructions, on average 7 days			
DOMESTIC TRANSPORTATION (national shipment, by road)							
Primary Containers Absolute the primary containers are individually wrapped, and abplaced between the primary container(x) and the se		Samples are categorized "biological substances" category 8. The use of triple packaging with UN3373 labels are required, alternatives are shown on the left. Samples must travel with corresponding documentation (lab request form and/or line list). Include any results that may have already been performed, such as RDT results. Do not write the name of the organism on the outside of the package, only on the paperwork inside the box where appropriate. IMPORTANT: indicate complete address and phone number for					
Secondary Container Sealed Polychyene Sealed Polychyene (1-inch-thisk minimum) Flastic Bag Flastic Canister	UN 3373 Som Biological Substance Category B	sender and recipient. Inflorm recipient laboratory about upcoming arrival of samples. TRANSPORT AT AMBIENT TEMPERATURE GTCC, April 2019 Annex 25. Cane based laboratory reprint from. https://www.aho.uho.indi/idea/b/fises/2017-04/05/8-bchosia/-Guidelines_from_2010_p.gdf					



GTFCC Website - Testing

Trainings on sample collection and testing with RDT for cholera for health care workers









Local guidance



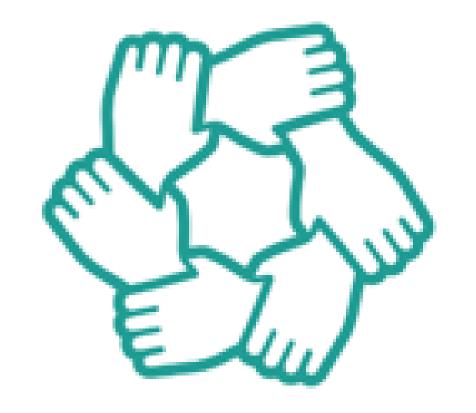
▶ Stay in contact with your health authority

- To know the ongoing cholera situation in your geographic area
- To receive pratical guidance to implement cholera surveillance
 - Forms/tool/channels to report
 - Contact details of laboratories
 - Etc



GTFCC network

The GTFCC and its network of partners is here to support you



For any question or technical assistance, contact the GTFCC Secretariat

GTFCCsecretariat@who.int

Together we can #Endcholera

