

GLOBAL TASK FORCE ON CHOLERA CONTROL

The Case Management of the Cholera Outbreak in Lebanon



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REPUBLIC OF LEBANON Ministry of Public Health

Meeting of the Global Task Force on Cholera Control (GTFCC) Case Management Working Group September 26-27th, 2023 Veyrier sur Lac, France



Cholera Outbreak: 'Serious Threat' to the Middle East

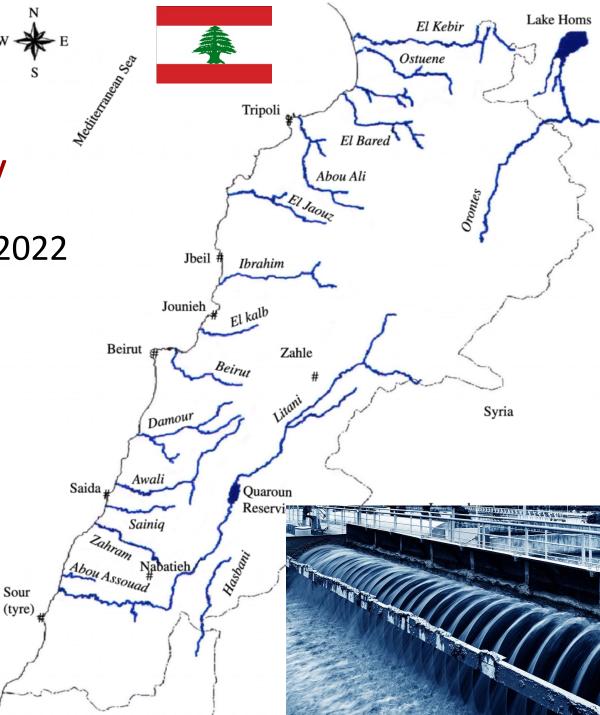
- Sept. 10th, 2022: Syrian Ministry of Health declared the outbreak
- Oct. 6th, 2022: Lebanese MOH confirmed 2 cholera cases
- Immediate action: National Cholera Taskforce



Cholera Outbreak: Origin

Lebanon: Rivers as Water Supply

- Economic collapse, 1\$ = 40,000LL / Oct 2022
- Power shortage, 0-1 h a day
- High fuel costs \$
- Non-functioning water pumps
- Waste management: major problem
- Inexistent sanitary infra-structure
- No quality control
- > 80% of the population living poverty



Waste Water, Irrigation of Crops

- Untreated waste water is used to irrigate the crops
- Unsafe vegetables production
- Possible contamination and further spread of the cholera outbreak





MOH – National Action Plan



LSIDCN



World Health Organization

OF LEBANON

National Cholera Control and Prevention Task Force WASH - Safe drinking Water, Sanitation and Hygiene

- Chlorination of drinking water
- Ensuring power energy for water filtration / pumping
- Surveillance and routine testing
- Education and public awareness
- Directing waste water for better management
- Laboratory Capacity Building
- Ensure access to early diagnosis and timely life-saving support for cholera patients













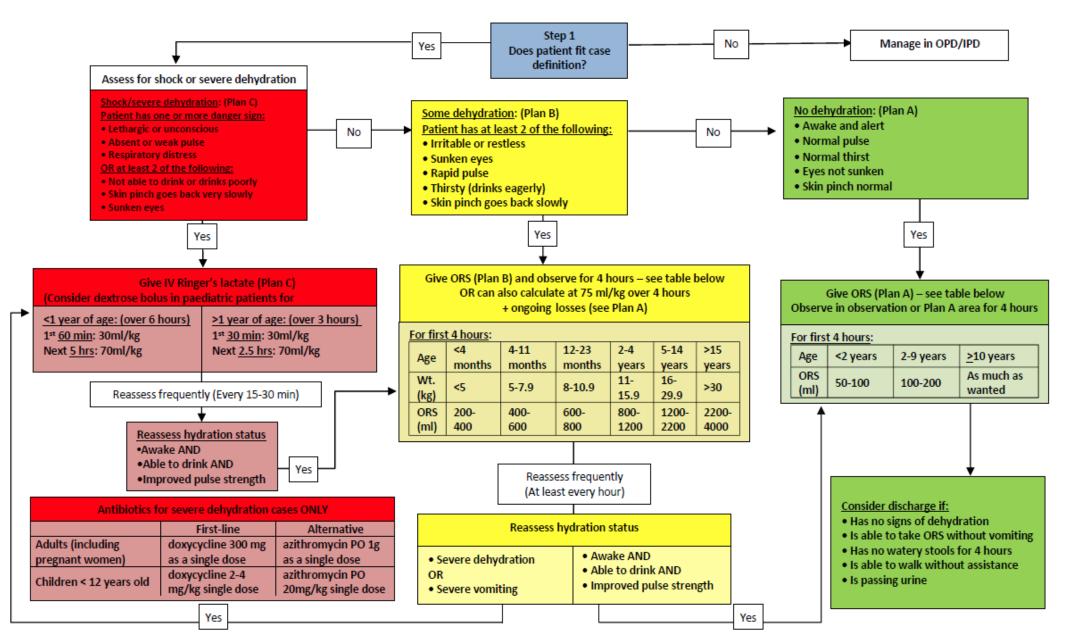
MOH – National Action Plan

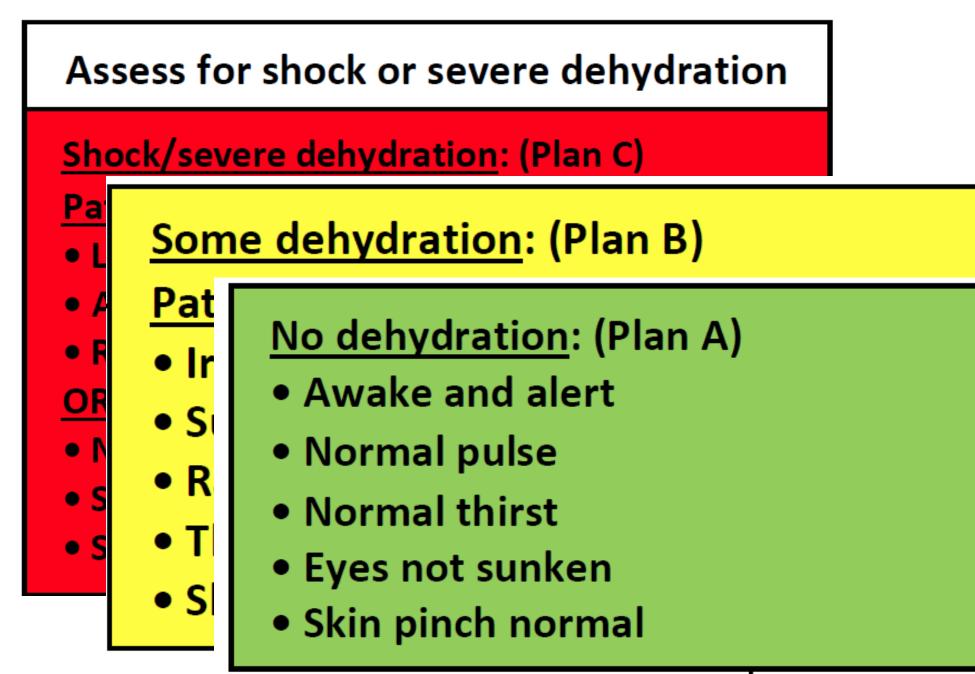
Healthcare capacity building

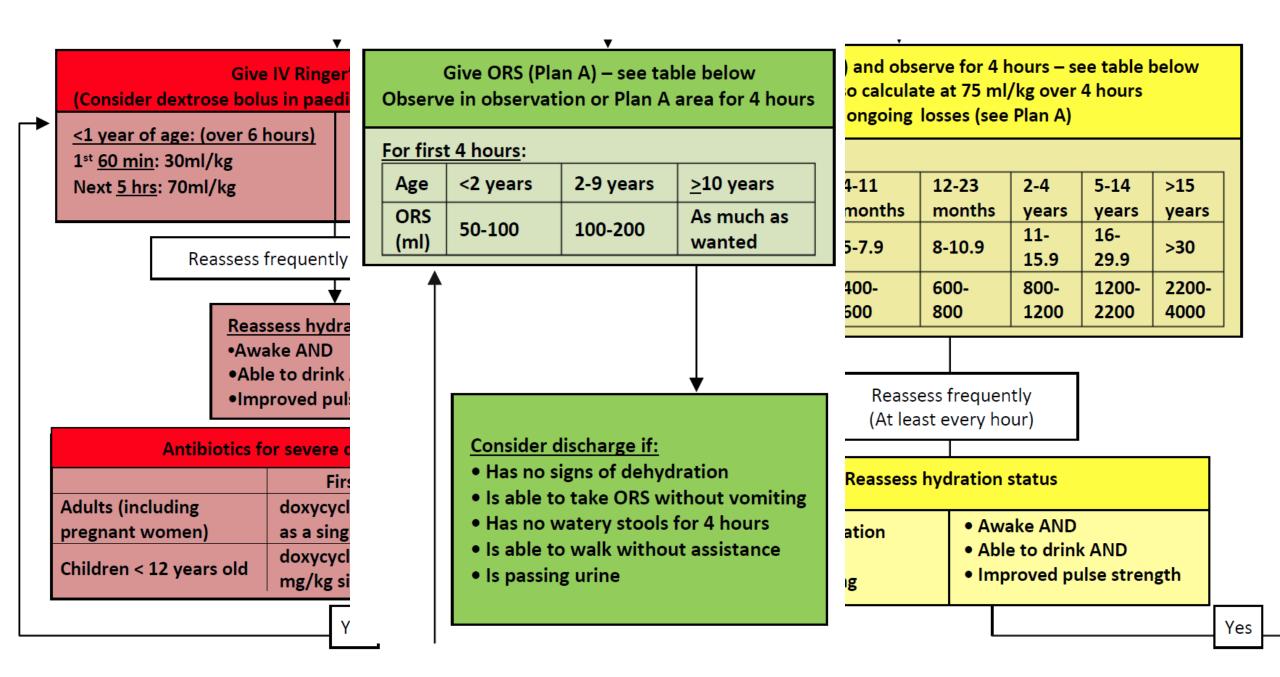
- Case Management and Hospital Support WHO, LSIDM
- Infection Prevention and Control empowerment
- Support primary health care centers for cholera management
- Provide rapid diagnostic tests to support national capacity and field testing
- Strengthen risk communication and community engagement
- Public Educational Campaigns
- External Funding / 100% costs for hospital admission
- 5 governmental, 2 private, and 2 field hospitals



Cholera Case Management









MOH – National Action Plan



Oral cholera vaccination of high risk communities

- * Healthcare workers
- * Refugee camps
- * High risk areas
- * Prisoners
- Total quantity provided:
 * WHO: 600.000 + 600.000 doses
 * Sanofi: 13.000 doses
- Protocol: 1 dose given instead of 2 / worldwide shortage











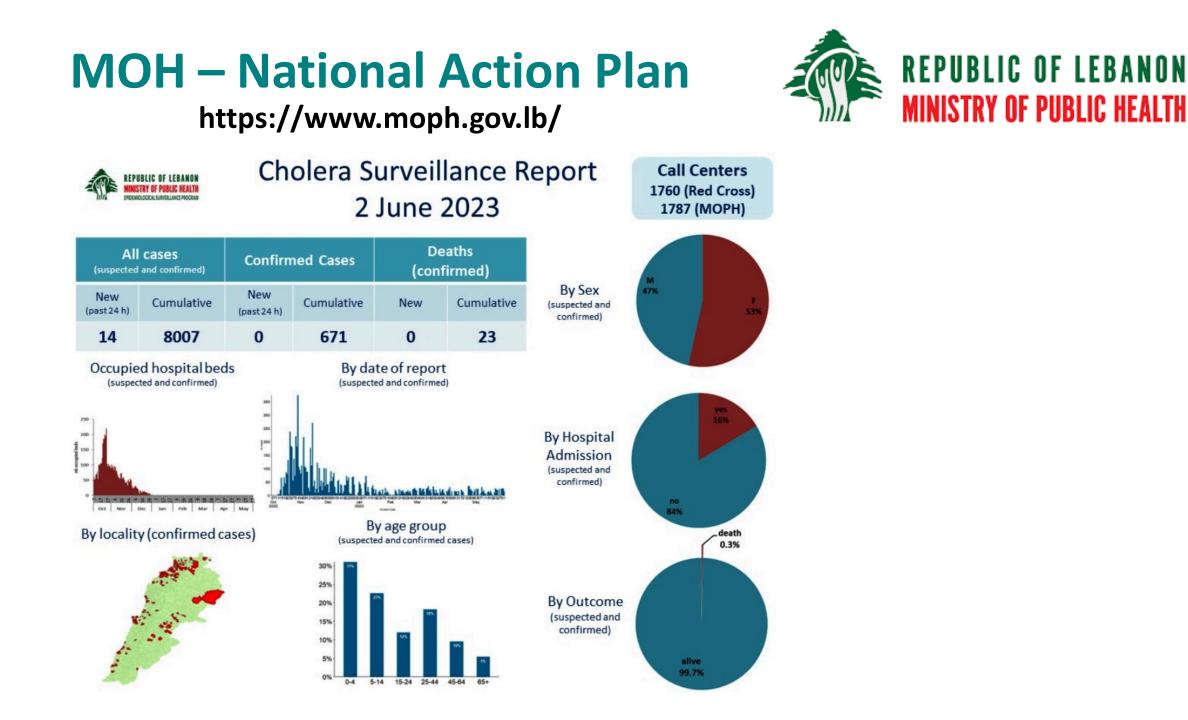




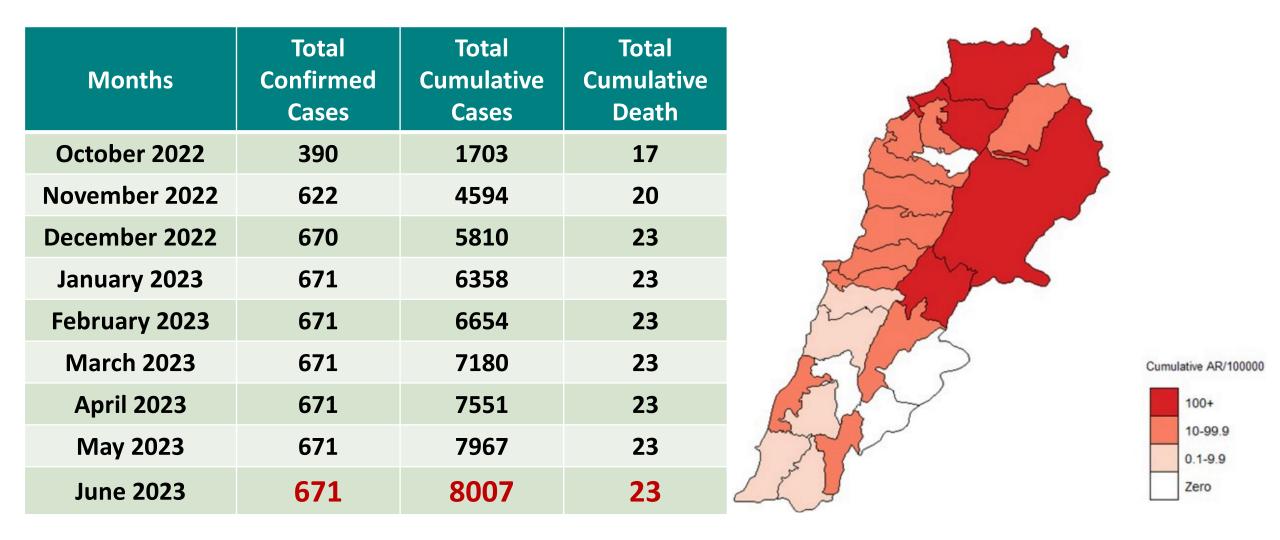








Lebanon – Cholera Epidemiologic Situation



https://moph.gov.lb/en/Pages/2/64737/cholera-in-lebanon#/en/Pages/2/64737/cholera-in-lebanon

MOPH - June 5, 2023 End of Cholera Outbreak in Lebanon October 6th, 2022 - June 5th, 2023



- Implementing WASH across all areas
- Daily **monitoring** and epidemiologic **surveillance** of all acute watery diarrheal cases and contact tracing
- Provision of **diagnostic** testing
- Implementation of cholera case management
- Increase the **capacity building** of Public Hospitals admitting cholera cases
- Water and Waste Testing in all areas across Lebanon
- Providing the **Oral Cholera Vaccination**
- Collaboration with all involved ministries
- Broad diffusion of awareness and education through media and gathering



Key Achievements & Success Factors Cholera Case Management - Lebanon

- Rapid Response and Multi-Taskforce collaboration
- Healthcare facilities empowerment:

Case Management well established Oral rehydration Solution and IV hydration procured IPC coaching and education Laboratory capacity building / RDTs, cultures and susceptibilities

- WASH
- Vaccination
- Education, Community Engagement



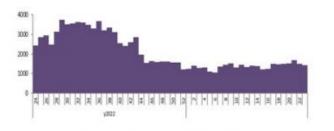
Call Centers

1760 (Red Cross)

1787 (MOPH)

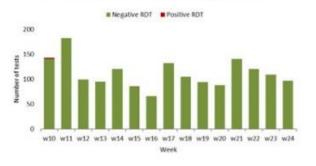
Acute Watery Diarrhea Surveillance REPUBLIC OF LEBANON MINISTRY OF PUBLIC HEALTH 19 June 2023

AWD reported by medical centers and dispensaries



Cholera Outbreak Summary No confirmed cholera cases since March 2023 Declaration of end of Cholera outbreak All cases Confirmed Deaths (suspected and (confirmed) Cases confirmed) New New Cumulati Cumulati Cumulat New (past 24 (past 24 ve ve ive h) h) 8007 671 23 0 0 0





AWD tested for Cholera Stool Culture Acute Watery Diarhea: Cholera stool culture results



Alerts and Announcements



The MoPH Shuts Down Twelve Aesthetic Centers



Acute Watery Diarrhea Surveillance in Lebanon-19/6/2023

19/06/2023



Measles Surveillance in Lebanon- 19/6/2023

https://www.moph.gov.lb/en/Media/view/69914/4/acute-watery-diarrhea-surveillance-in-lebanon

The Cholera Situation in Lebanon





Thank you!



https://lebanonart.com/