

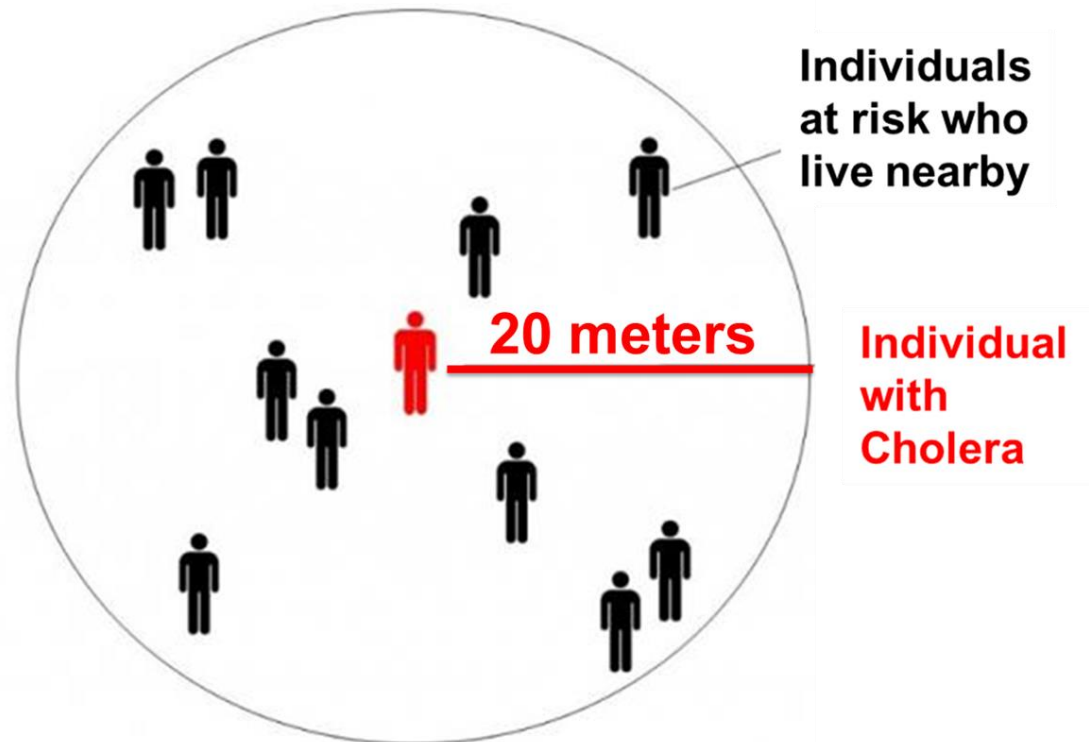


Targeted WASH Interventions to Reduce Cholera in Bangladesh and the Democratic Republic of the Congo: CHoBI7 and PICHA7 Programs

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Rationale

Individuals living within 20 meters of a cholera patient are at >16 times higher risk of developing a cholera infection than the general population



CHoBI7 Cholera Rapid Response Program Delivery

Ring Delivery of CHoBI7 in Cholera Hotspots



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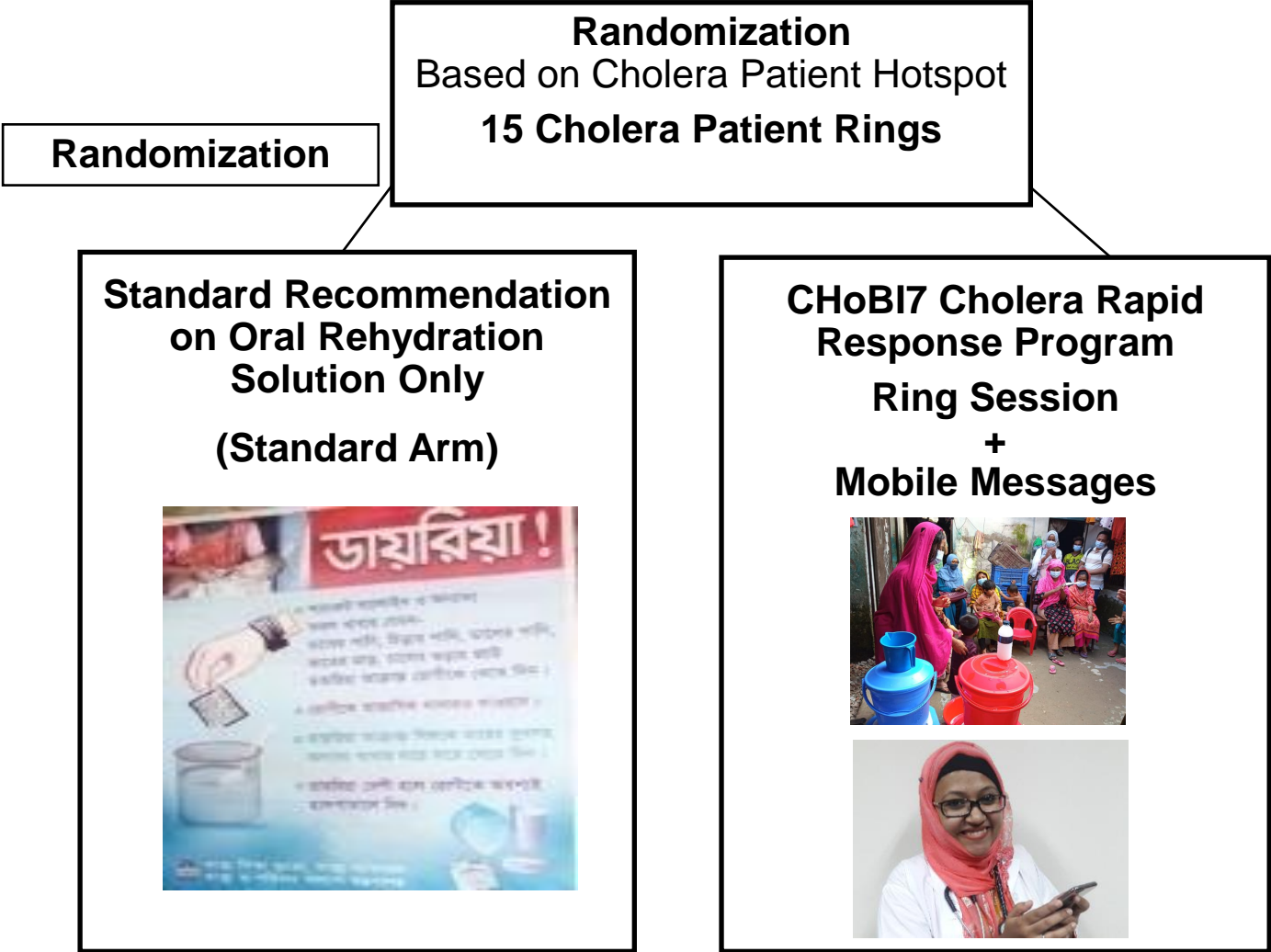
Weekly Voice and Text Messages for 3 Months





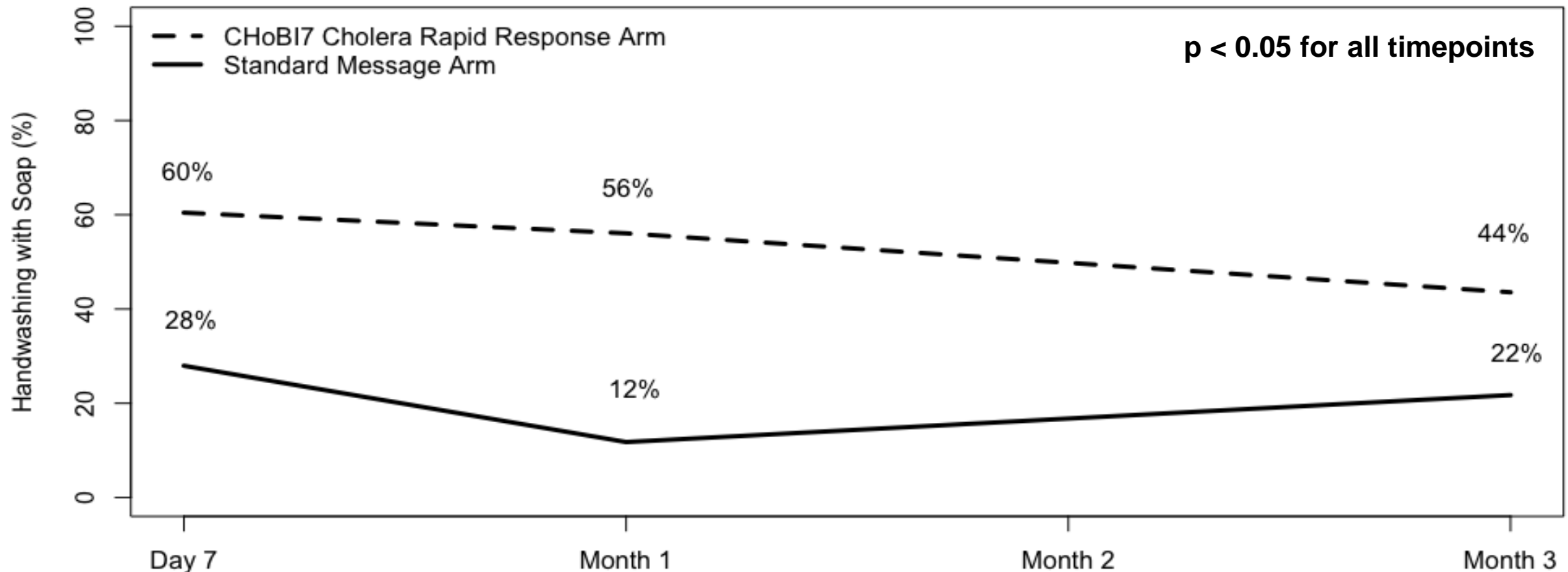
Randomized Controlled Trial of CHoBI7 Cholera Rapid Response Program 2021

Study Site: Slum Areas of Dhaka, Bangladesh

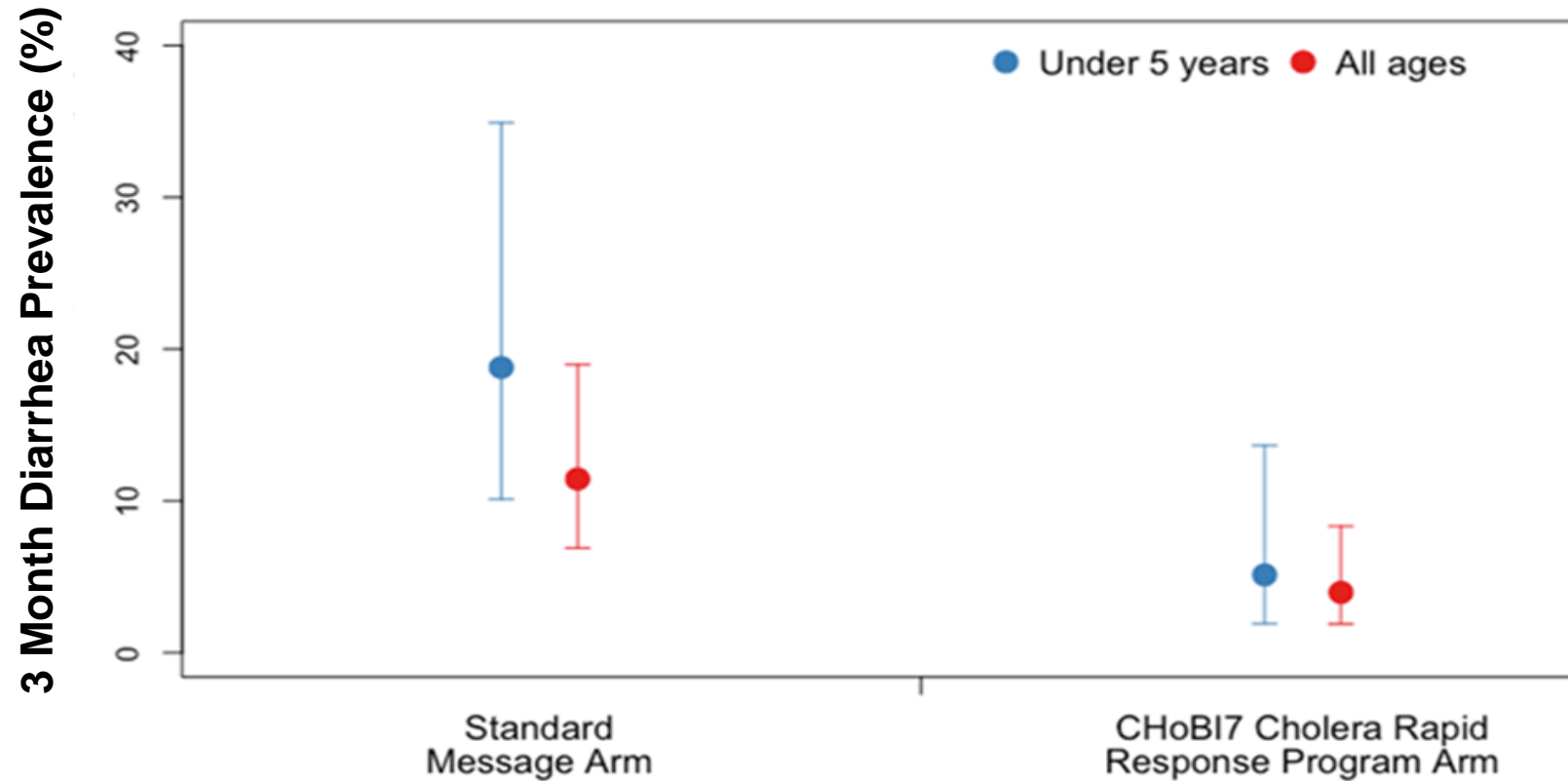


Results: Significantly Higher Handwashing with Soap

Participants Handwashing with Soap at Food and Stool Related Events during 5 Hour Structured Observation (N=284 Participants)



Randomized Controlled Trial 2021: CHoBI7 Cholera Rapid Response Program Significantly Reduces Diarrhea Prevalence

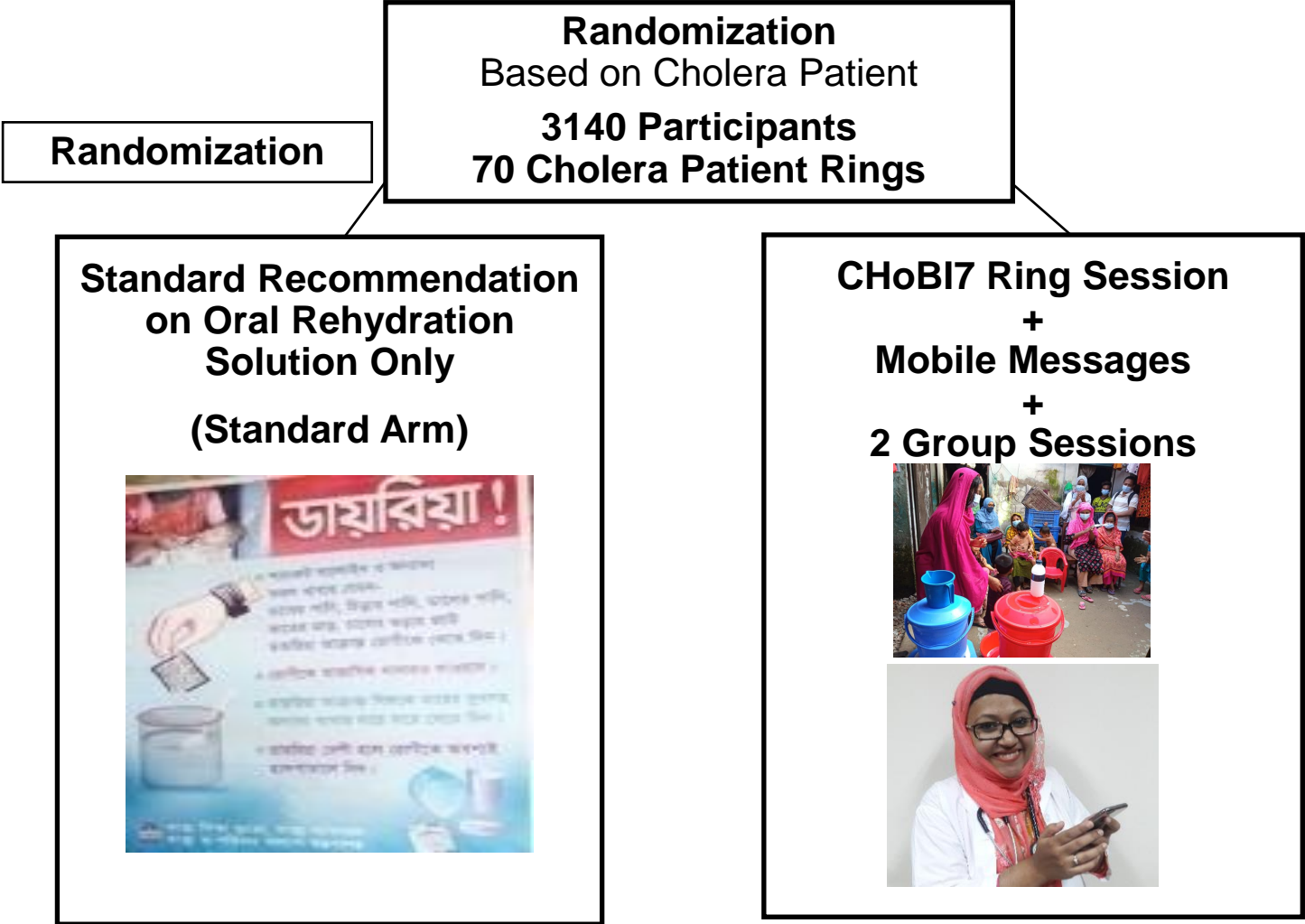


Prevalence Ratio (95% CI) (N=222)

Under 5 years	ref	0.27 (0.09, 0.87)
All Ages	ref	0.35 (0.14, 0.85)

Randomized Controlled Trial of CHoBI7 Cholera Rapid Response Program 2023-2025

Study Site: Slum Areas of Dhaka, Bangladesh



Preventative Intervention for Cholera for 7 Days (PICH7) Democratic Republic of the Congo



PICHA7 WASH Program Delivery

Health Facility and Household Delivery of PICH7



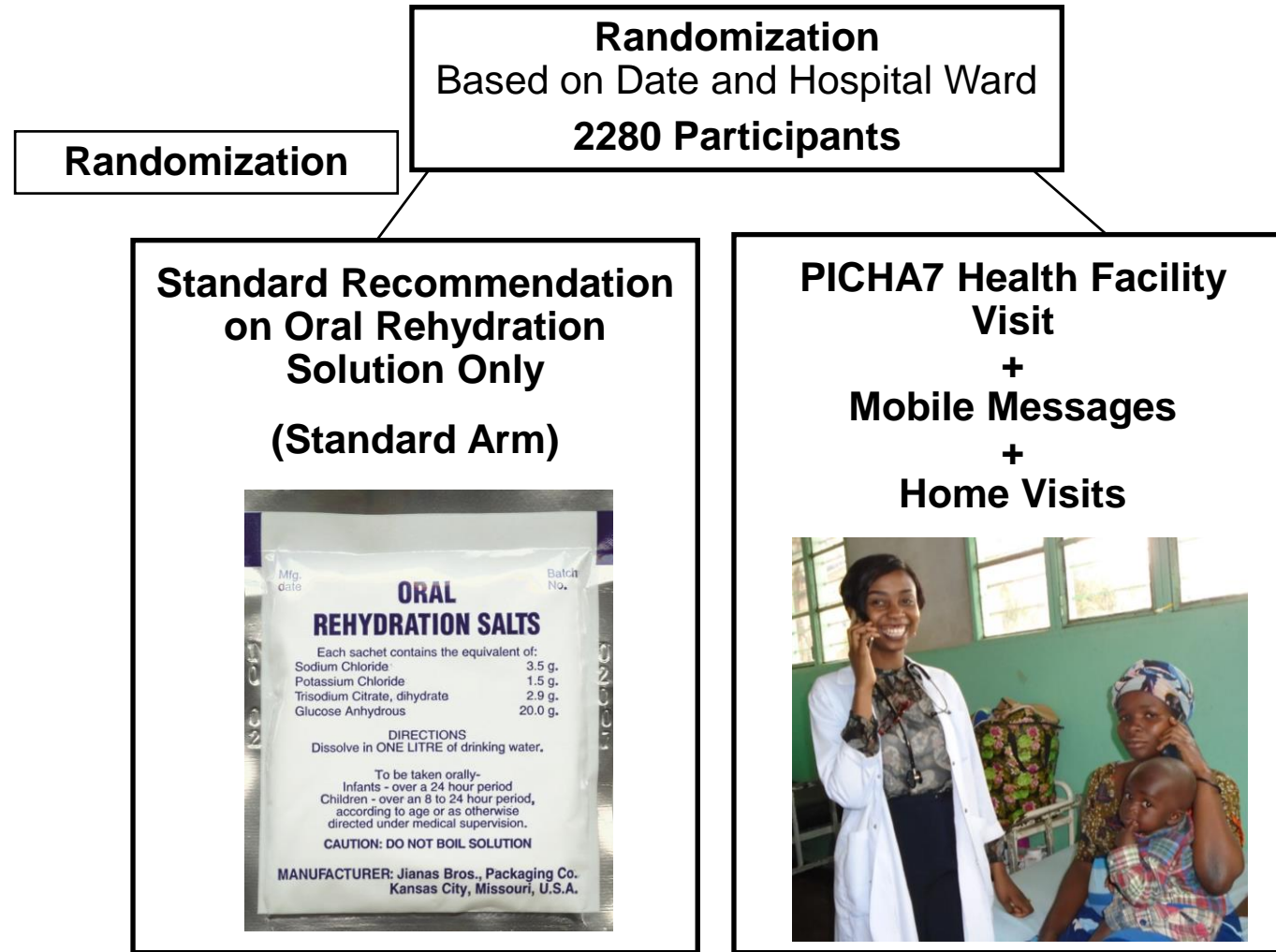
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Weekly Voice and Text Messages for 12 Months



Randomized Controlled Trial of PICHA7 Program 2021-2023

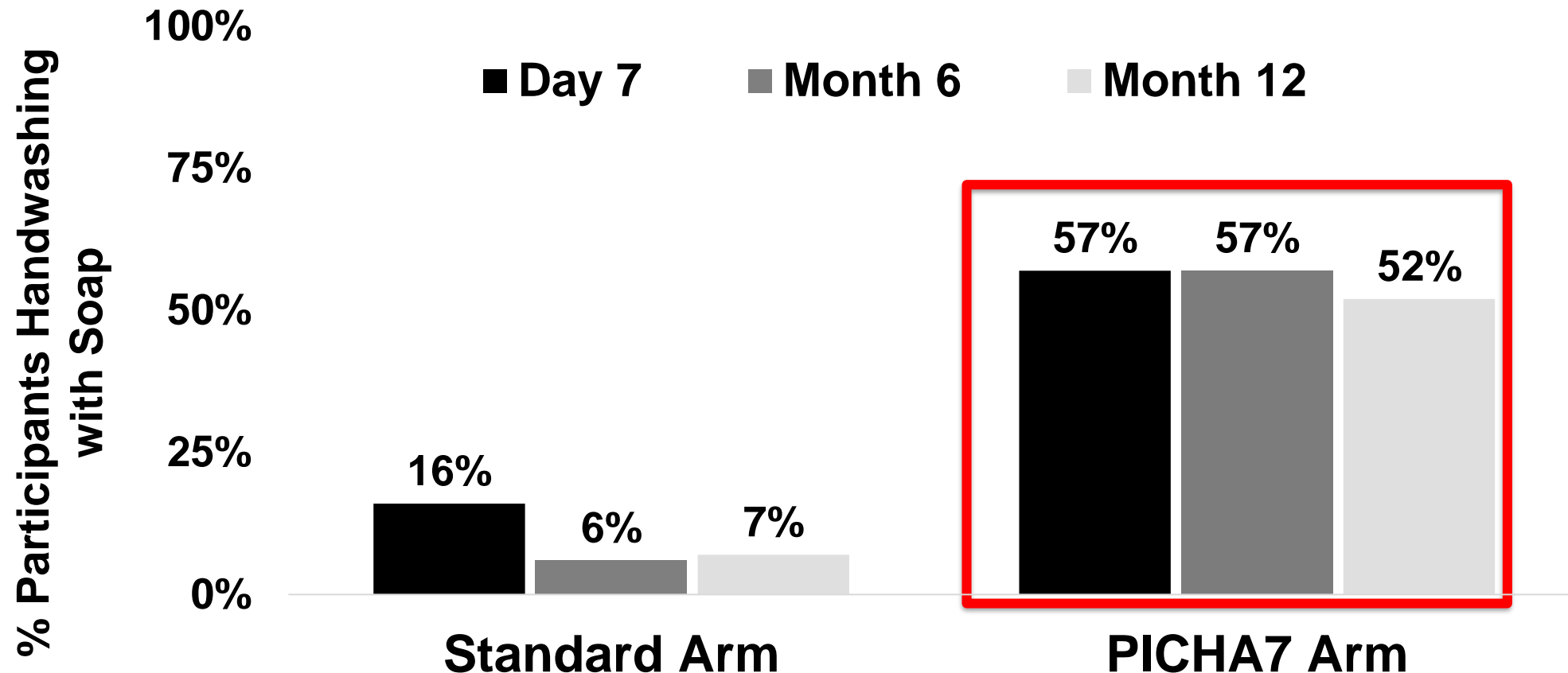
Study Site: Health Facilities in Bukavu, Democratic Republic of the Congo



PICHA7 Significantly Increased Handwashing with Soap

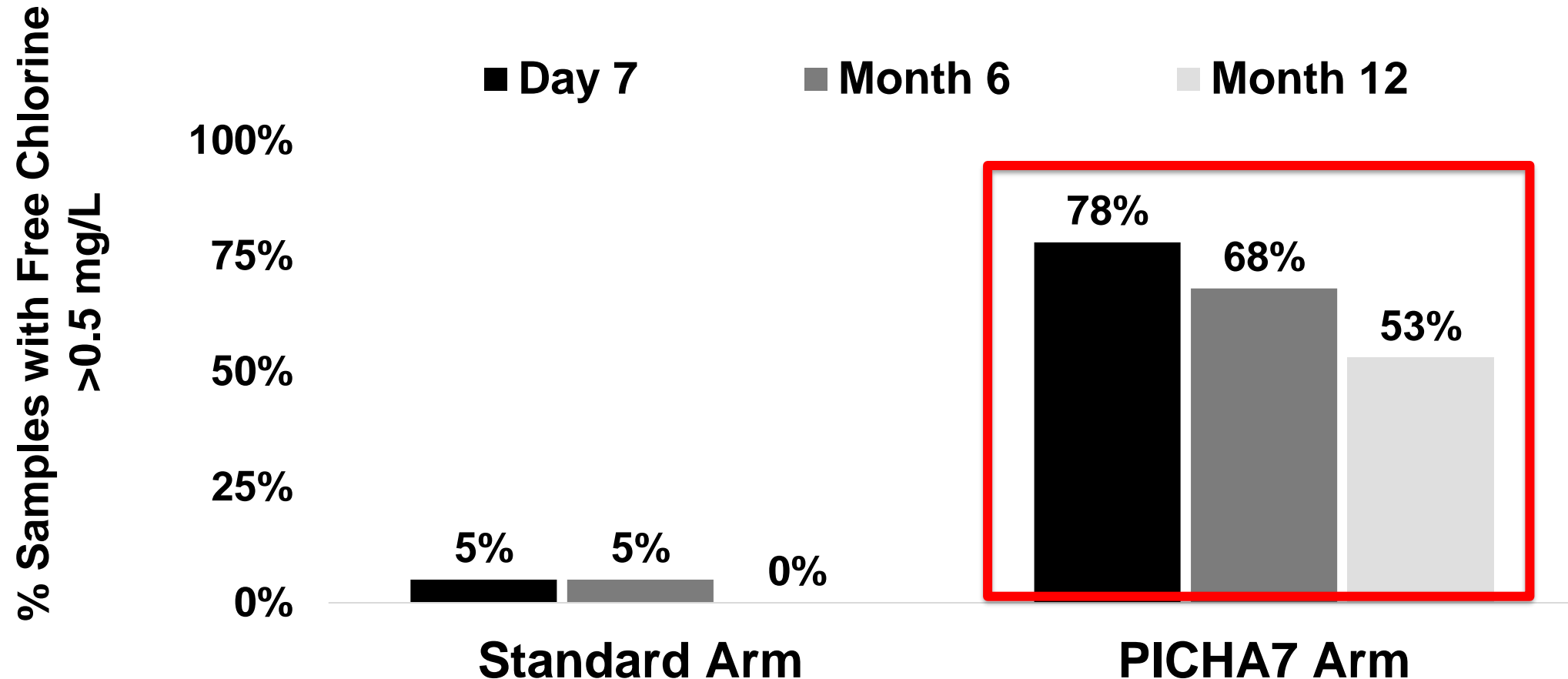
Interim Findings: Handwashing with Soap at Food and Stool Events

5-hour Household Structured Observations (N= 799 participants)



PICHA7 Significantly Increased Water Treatment Practices

Interim Findings: Stored Water with Free Chlorine >0.5 mg/L
Unannounced spot checks (N= 527)



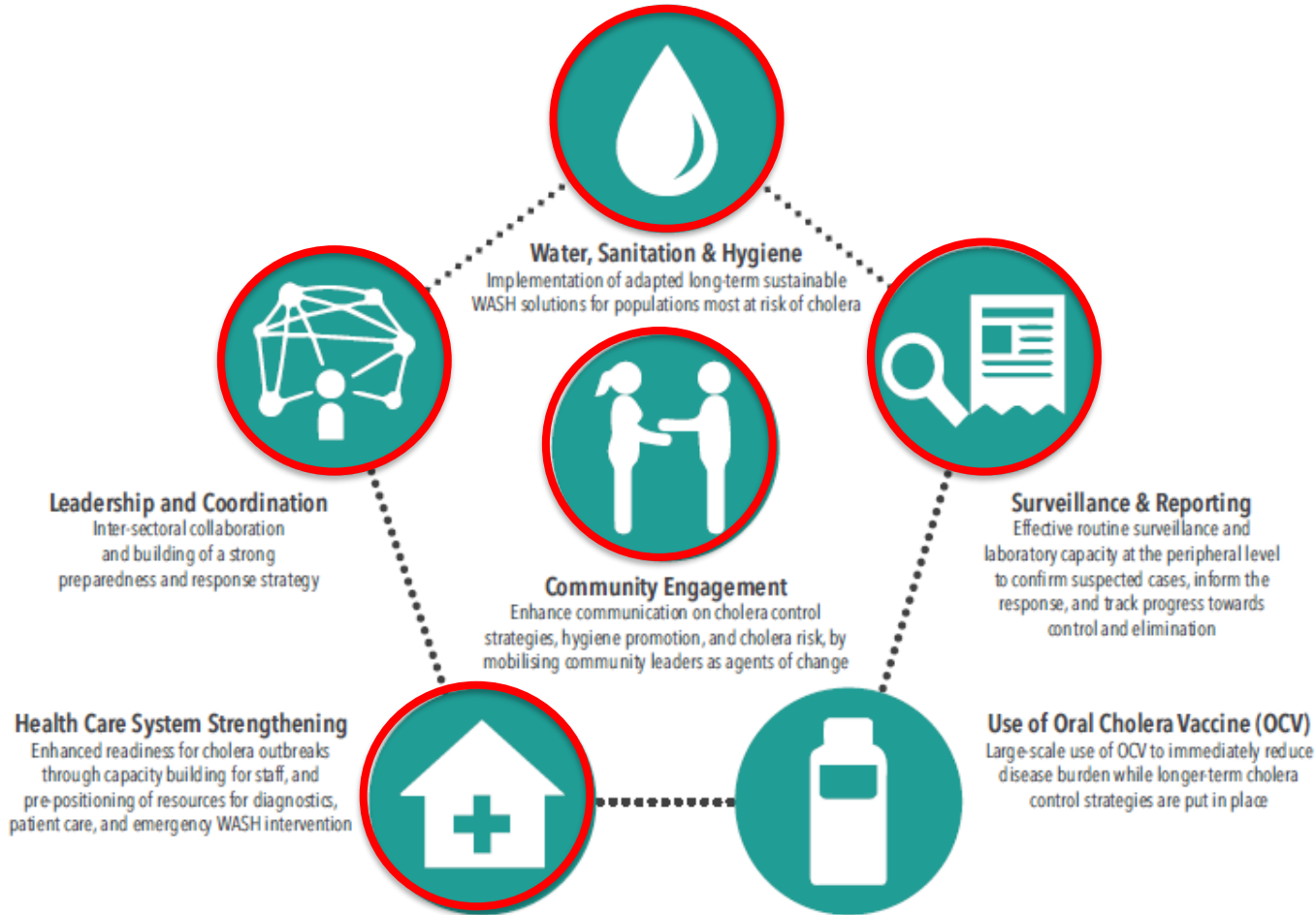
PICHA7 Enteric Disease Microbiology Laboratory

Cholera Surveillance at 115 Health Facilities in South Kivu, DRC



Impact of CHoBI7 and PICHA7 Programs on Policy and Practice

ENDING CHOLERA- A GLOBAL ROADMAP TO 2030



Ministry of Health and Family Welfare (MOHFW)