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**Welcome to MTaPS  
Global Learning Series  
Webinar**

Photo Credit: Rui Pires

**USAID MEDICINES, TECHNOLOGIES, AND  
PHARMACEUTICAL SERVICES (MTaPS) PROGRAM**

**Improved Access. Improved Services. Better Health Outcomes.**

# USAID Medicines, Technologies, and Pharmaceutical Services (MTaPS) Program

*Improved Access. Improved Services. Better Health Outcomes.*

## MTaPS GLOBAL LEARNING SERIES

Building Resilient Health Systems:  
What COVID-19 Has Taught Us  
About Infection Prevention and  
Emergency Supply Chains

June 3, 2021



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# USAID Medicines, Technologies, and Pharmaceutical Services (MTaPS) Program

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*Improved Access. Improved Services. Better Health Outcomes.*

## Welcome and Agenda



Andre Zagorski  
COVID-19 Response Lead  
MTaPS



# Agenda

- Opening Remarks
- Overview of MTaPS COVID-19 Response
- Roundtable Discussion
  - Bangladesh, Côte d'Ivoire, Kenya,  
the Philippines**
  - Infection Prevention and Control (IPC)
  - Emergency Supply Chain (eSC)  
Management
- Q&A
- Closing Remarks



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## Opening Remarks

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**Nicole Barcikowski**  
Deputy Program Director  
MTaPS



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## MTaPS' COVID-19 Response

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Andre Zagorski  
COVID-19 Response Lead  
MTaPS



# MTaPS COVID-19 Response Scope

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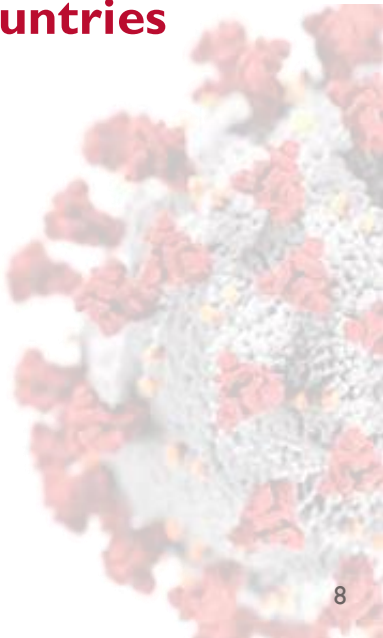
Based on Its Global Health Security Agenda (GHSA) Mandate (since 2018)

- **Multisectoral Coordination**
  - National, regional/county, district levels
- **Infection, Prevention and Control**
  - National to health facility levels
  - Early recognition, triage, source control and isolation, facility access guidance, precautions
  - Healthcare workers and patient protection and safety
  - Surge capacity / sudden influx of patients / preparedness for the possibility of mass fatalities
- **Healthcare Waste Management**
- **Emergency Supply Chain Management**
  - Uninterrupted supply of personal protective equipment (PPE), IPC, and waste management commodities

# MTaPS: A Key Partner in USAID's Global COVID-19 Response

	Start date	End date (in 2020 unless noted otherwise)
Bangladesh	March	February 2021
Burkina	April	October
Cameroon	April	November
Côte d'Ivoire	April	November
Ethiopia	March	November
Jordan	May	Ongoing
Kenya	March	September
Mali	April	November
Mozambique	April	November
Philippines	March	September
Senegal	April	October
Tanzania	April	October
Uganda	May	August

**MTaPS implemented rapid COVID-19 response in 13 countries**





# MTaPS COVID-19 Response Strategy and Roll Out

- ✓ Building on MTAps' GHSA and supply management expertise and coordination mechanisms
- ✓ System strengthening approach
- ✓ Optimization of resources for efficiency and replicability

## Rapid Response

- MTAps HQ COVID-19 team of experts on standby
- Online COVID-19 hub: technical resources and knowledge sharing
- Centrally developed model SOPs, mini guides, training packages
- Reliance on MTAps' GHSA country teams and pools of consultants
- Locally led response with global backstopping
- Tools customized for country use

# MTaPS COVID-19 Results: A Snapshot in Numbers

**March 2020 – February 2021**

	# of health facilities whose staff received COVID-19-related IPC training	# of persons who received COVID-19-related IPC training	# of new health facilities in compliance with COVID-19 IPC guidelines/SOPs	# of facilities that routinely reported stock data for IPC & waste management commodities
Mar	245	896	2	-
Apr	776	4,512	67	632
May	195	8,421	28	668
Jun	382	5,347	48	679
Jul	755	10,000	121	690
Aug	471	4,827	251	693
Sep	223	4,681	137	694
Oct	19	562	25	663
Nov	13	521	13	670
Dec	7	588	8	660
Jan	1	299	1	659
Feb	-	79	-	650
<b>Total</b>	<b>3,087</b>	<b>40,773</b>	<b>701</b>	

# MTaPS COVID Response Innovations (I)

## Rapid Capacity Building

- Cascaded trainings via Training of Trainers (ToT), job aids on mobile devices, and self-paced e-learning modules
- Remote and hands-on mentoring
- Mini-guides, Standard Operating Procedures (SOPs), checklists

## E-Learning National Platforms

- New platforms in Burkina, Mali, Cameroon, Kenya, Jordan
- Enhanced platforms in Philippines, Mozambique, Senegal
- 29 COVID-19 e-learning modules

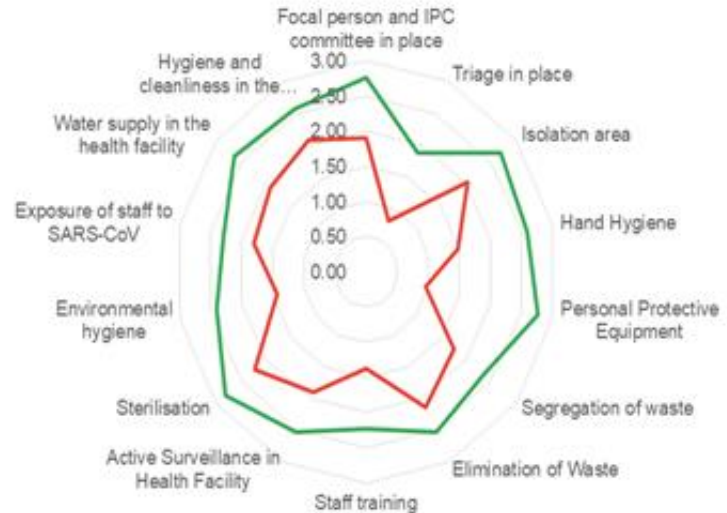


**Free global access to  
COVID-19 IPC e-learning  
courses on [LeaderNet.org](https://www.leadernet.org)  
(in English and French)**

# MTaPS COVID Response Innovations (2)

## Continuous IPC Quality Improvement

- Initial data collection on IPC compliance using scorecards
- Improvement mini-plans
- ToT & mentors
- Mini-guides and SOPs
- Ongoing IPC compliance monitoring via scorecards
- Institutionalizing approach and tools
- Centers of excellence

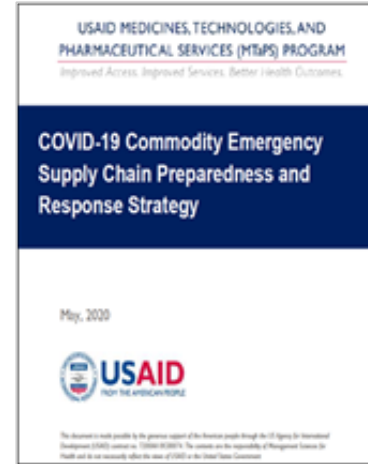


**Cameroon: Increase in IPC Compliance scores, May - September 2020**

# MTaPS COVID Response Innovations (3)

## Emergency commodity management tools to ensure equitable access and avoid stockouts

- Rapid status and compliance assessment tools
- Reconfigured national Logistics Management Information System (LMIS) with eSC dashboards and enhanced stock reporting (Philippines and Bangladesh)
- PPE tracking tools (Jordan and Mozambique)
- Quantification tool (Bangladesh)
- Training materials and SOPs
- PPE shortage mitigation strategies



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## ROUNDTABLE DISCUSSION

**What COVID-19 Has Taught  
Us about Infection Prevention  
and Emergency Supply  
Chains?**



# Esteemed Guest Speakers

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## Bangladesh

- **Dr. Aninda Rahman**, Deputy Program Manager, Communicable Disease Control, Directorate General of Health Services, Ministry of Health & Family Welfare, Bangladesh
- **Dr. Samina Choudhury**, Project Management Specialist, USAID Bangladesh

## Côte d'Ivoire

- **Prof. Nathalie Guessennd**, Head of the National Reference Center for Antibiotics, Institut Pasteur de Côte d'Ivoire

## Kenya

- **Dr. Evelyn Wesangula**, Head – Division of Patient and Health Workers Safety and Antimicrobial Resistance Focal Point, Ministry of Health, Kenya

# MTaPS Country Leads

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- **Antoine Ndiaye**, Country Project Director, MTAps Côte d'Ivoire
- **Dr. Hasibul Haq**, Country Project Director, MTAps Philippines
- **Mohammad Abdullah**, Principal Technical Advisor, MTAps Bangladesh
- **Ndinda Kusu**, Country Project Director, MTAps Kenya

# MTaPS Global Experts

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- **Dr. Fozo Alombah**, GHSA and IPC Senior Technical Advisor, MTAps
- **Gashaw Shiferaw**, Supply Chain Senior Technical Advisor, MTAps



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Building Health Systems  
Resilience and Preparing for  
Future Emergencies

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**Infection Prevention and Control**



**Fozo Alombah**  
Senior Technical Advisor  
Global Health Security Agenda  
MTaPS



# Takeaways and Recommendations for Infection Prevention and Control

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- Strengthen the national **core components of IPC** and invest in **preparedness at the facility level**
- Facilitate **updates and just-in-time training for IPC** where standard IPC precautions already exist
- Mainstream **e-learning platforms** to rapidly scale up health worker training during emergencies
- Add in **triage for IPC reasons** and not just for patient management
- Enhance **surveillance of infections** among healthcare workers
- Integrate **facility-based and community-based IPC**
- Create a **cadre of IPC professionals** within the health system

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**Supply Chain Management**



**Gashaw Shiferaw**  
Senior Technical Advisor  
Supply Chain Management  
MTaPS



# Takeaways and Recommendations for Supply Chains

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- **Comprehensive supply chain preparedness and response strategy** – a playbook for supply chain and to bring agility to it
- **Innovative approaches** that enhance supply chain visibility and facilitate decision-making.
- **E-learning platforms** and **virtual training** to build capacity and communicate changes quickly
- **Whole government approach** to leverage resources, enhance coordination, and bring leadership into the picture

# Contact

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USAID MTaPS COR

Alexis Leonard

[aleonard@usaid.gov](mailto:aleonard@usaid.gov)

Prime Contractor

Management Sciences for Health  
(MSH)

Learn more about MTaPS

[www.mtapsprogram.org](http://www.mtapsprogram.org)



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**Thank You**

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