



Caribbean  
Public Health  
Agency

**CARPHA**

Preventing disease  
Promoting and protecting health



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## CONSULTATION & PARTNERS FORUM

Chikungunya in the Caribbean:

Meeting Today's Challenge and Preparing for the  
Future

### Agenda

March 3-5

**2015**



Hyatt Regency Trinidad  
Port of Spain, Trinidad and Tobago

# Summary of Day 1

**Marsha Ivey**

Surveillance, Disease Prevention and  
Control (SDPC)

March 3, 2015 Hyatt Trinidad

# Day One Session Outline

- Session 1: Global and Regional Patterns and Trends
- Session 2: Surveillance and Outbreak Response
- Session 3: Entomological Surveillance, Control, and Management
- Session 4: Clinical Care and Services
- Session 5: Laboratory Services

# Session 1: Global and Regional Patterns and Trends

- Characterization of the Chikungunya virus
- Geographical spread globally and regionally
- Ease of spread through globalization and associated travel; threat to tourism
- Initiatives undertaken by CARPHA and PAHO/WHO – training, deployment, production and distribution
- Overlap exists with chikungunya and other vector-borne activities
- Importance of strengthening collaboration with international agencies
- Inability to rapidly mobilize resources for public health emergencies needed

# Session 2: Surveillance and Outbreak Response

- Well-established Syndromic Surveillance; use of Undifferentiated Fever as a proxy for Chikungunya
- Effectiveness of Communication campaigns need to be evaluated
- Strategic Targeting of high risk groups:
  - ❖ Visiting friends and relatives
  - ❖ Cruise ship passengers
- Health systems strengthening and preparedness (in keeping with IHR)
- Need for greater multisectoral collaboration; operating outside of silos
- Need for collaboration with non-traditional partners (media and others)

# Session 3: Entomological Surveillance, Control and Management

- Promotion of the Integrated Vector Management (IVM)
- Greater need for management & coordination of Entomological and Epidemiology Surveillance
- Insecticide effectiveness in the field needs to be monitored
- Consideration of Social Mobilization and Behavioural research
- Need for innovative strategies
- Need for evidence-based research and policy

# Session 4: Clinical Care and Services

- Unique clinical presentations, Guillain-Barre Syndrome (GBS)
- Need for more timely results for better patient management
- Consideration should be given to surge management planning
- Need for chronic cohort studies
- Assessment of the economic impact

# Session 5: Laboratory Services

- Variability in test performance and need for validation
- Challenges with data quality; need for greater collaboration for Laboratory Investigation Forms
- Strengthening Public-Private collaboration
- More value should be given to Laboratories in supporting Public Health
- Need for laboratory service regulation



# Cross-cutting Themes

- Evaluate communication strategies
- Adopt innovative ideas
- Plan policies and initiatives based on evidence
- Conduct research where gaps exist
- Improve data quality
- Strengthen collaboration
  - Public-private
  - Inter-sectoral
  - Regional
  - International partners

# THANK YOU



<http://carpha.org/>

<http://carpha.org/ChikVMeeting>



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