



Caribbean
Public Health
Agency

CARPHA

Preventing disease
Promoting and protecting health

How do we get there?

Microbiology and Laboratory

- CARPHA to lead on the standardization of testing methods and SOPs
(Automated Susceptibility Testing Systems are not necessary)
- CARPHA to develop network of regional laboratories, or other other network laboratories where capacity is available and funded
- CARPHA to coordinate Nominated National contacts for a formal Microbiology networks
 - Build upon the CACM: Caribbean Association of Clinical Microbiologists
- CARPHA to define the list of critical pathogens for AST locally, nationally and regionally
 - Potential first line: TB, *N. gonorrhoea* (STD), MRSA, *K. pneumoniae*, *S. pneumoniae* *H. influenzae* (from blood and CSF cultures)
 - Potential second line: *E. coli*, *Salmonella*
- CARHPA to lead on the development of proficiency testing and/or external quality assurance
- CARPHA to lead a discussion on regulation and/or coordination of public and private laboratories at CARICOM
- CARPHA to publish annual (at minimum) audit results for laboratory turnaround

How do we get there?

Epidemiology and Surveillance

- CARPHA to develop network of Nominated National contacts for a formal Epidemiology and Surveillance networks
- CARPHA to explore the electronic data capture system (e.g. WHOnet) for standardised use across the member states to enhance their surveillance capacity
- CARPHA recommend that member states move towards electronic data capture at a national level, and where possible at a local laboratory
- CARPHA to lead on the coordination of training for use of the chosen electronic data capture system
- CARPHA to recommend that member states submit and share data on the chosen pathogens
- CARPHA to bring recommendations through the networks to CARICOM CMOs and Ministers of Health

How do we get there?

Infection Prevention and Control / Antimicrobial Stewardship

- CARPHA to coordinate Nominated National contacts for a formal IPC/antimicrobial stewardship networks
- CARPHA to recommend the collection of national procurement data and CARPHA (or TECHPHARM?) will lead develop a procurement database for antimicrobial use
- CARPHA to develop a mandate for organisational leadership on patient safety and infection prevention and control
- CARPHA to lead on the development on a regional antibiotic guidelines for common community and hospital associated infections
- CARPHA to investigate the use of quality indicators to help improve IPC and appropriate antibiotic use
- CARPHA to provide webinars or e-learning opportunities for healthcare professional education and training
- CARPHA to review the IPC/antimicrobial stewardship curricula for physicians, pharmacists, nurses and veterinarians

General

- CARPHA to disseminate the Workshop report and recommendations to all member states with a consultation process
- CARPHA to develop a forum for virtual twice yearly meetings to share best practice and information
- CARPHA to include the progress since workshop at next available bi-annual meeting
- CARPHA to establish a portal to encourage data sharing, and engagement opportunities with and between member states
- CARPHA to scope benefit of a CARPHA-wide public education campaign
- CARPHA too work with educational institutes and leaders to ensure appropriate curricula in these areas
- CARPHA to facilitate networks supporting each other