

## CDC Factsheet: Laboratory Activities in Guinea



### **Saving Lives, Protecting People**

#### **Laboratory Activities during the Ebola Response – 2014/2016**

- CDC focused on the prompt diagnosis of Ebola using Rapid Diagnostic Tests (RDTs) and PCR testing. More than 14,000 Rapid Diagnostic Tests (RDTs) were performed on patients and deceased in Guinea during the Ebola response.
- CDC and partners - Guinean Ministry of Health, Red Cross, Alima, WHO, and Peace Corps -trained more than 200 lab technicians and Red Cross volunteers on Ebola RDTs, including test execution, biosafety and biosecurity, waste management, data management, and communication with patients and families. Peace Corps staff supported RDT training activities in Forécariah in 2015.

#### **Laboratory Activities Post-Ebola**

- Support the Guinean National Public Health Laboratory (INSP) to build the public health laboratory network and strengthen the reference laboratory capacity to detect 10 main epidemic prone diseases: Meningitis, Measles, Salmonella, Shigella, Cholera, Polio, Influenza, Hemorrhagic Fever, Dengue, and Hepatitis Virus). With CDC support, INSP is now able to perform routine meningitis testing and has already confirmed meningitis cases including one case of *Neisseria meningitidis* serotype A.
- CDC, Georgetown University and International Medical Corps strengthen MoH specimen transport systems for epidemic prone diseases by supporting the Ministry of Health in the development of a national specimen transport policy and by implementing pilot specimen transport programs. The program is already implemented in three prefectures.
- CDC Guinea and the Association of Public Health Laboratories (APHL) provided technical assistance and support to improve culture capacity at the reference laboratory.
- Provided six weeks of hands-on bench training to five laboratory technicians at the National Health Laboratory and two National Hospitals. A quality management system was developed, and supplies and reagents procured.

#### **Moving Forward**

- Continue to strengthen the Ministry of Health laboratory testing and transport system capacity

*Document updated: 5/17/2017*

*Pictures: Bacteriology Training at INSP with APHL consultant, Red Cross Team during RDT training in Forecariah*