RESPONDING TO EPIDEMICS

DURATION: 5 days
NUMBER OF PARTICIPANTS: 24 participants per session
LANGUAGE: 1 session in French, 1 session in English

TARGET GROUP

- Doctors or nurses with basic knowledge of epidemiology and at least one experience in an epidemic context
- Priority to capital coordinators, emergency coordinators and national deputy coordinators
- Second line of recruitment: Field coordinators with at least two missions in this position
- Committed for at least another 12 months (for the expatriate in one or several missions)

OVERALL OBJECTIVE

To improve the quality of field interventions for outbreak control by informing participants about recent data and future perspectives and giving them operational tools to be alert and reactive towards potentially epidemic diseases.

OBJECTIVES

Pathologies involved are: measles, meningitis, cholera, viral haemorrhagic fevers and malaria

By the end of the course, the trainees will be able to:

Carry out an outbreak investigation

- Explain the objectives of the investigation
- Describe and implement the different steps of an outbreak investigation

Detect an outbreak

- Describe an epidemic
- Analyse collected data and interpret them
- Use the adequate laboratory tools

Define necessary strategies and organise effective management of epidemics

- Define and discuss vaccination strategies regarding measles epidemics
- Describe and discuss medical care measures (measles, malaria, cholera…)
- Discuss preventive measures to implement in case of haemorrhagic fevers
- Describe a vaccine effectiveness evaluation
- Follow-up and evaluate medical care measures

Communicate about the situation:

- Write up a summary of the evaluation or of the investigation
- Write up a final report of the activities
- Formulate the recommendations for public health decision making
- Communicate with the partners

TEACHING TECHNIQUES

Interactive lectures, group dynamics techniques, case studies, demonstrations, videos, discussions, presentation of reports and current articles.