



PED
PANDEMIC
& EPIDEMIC
DISEASES

Pandemic and Epidemic Diseases
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WHO/R.Holden

Training for Outbreak Response

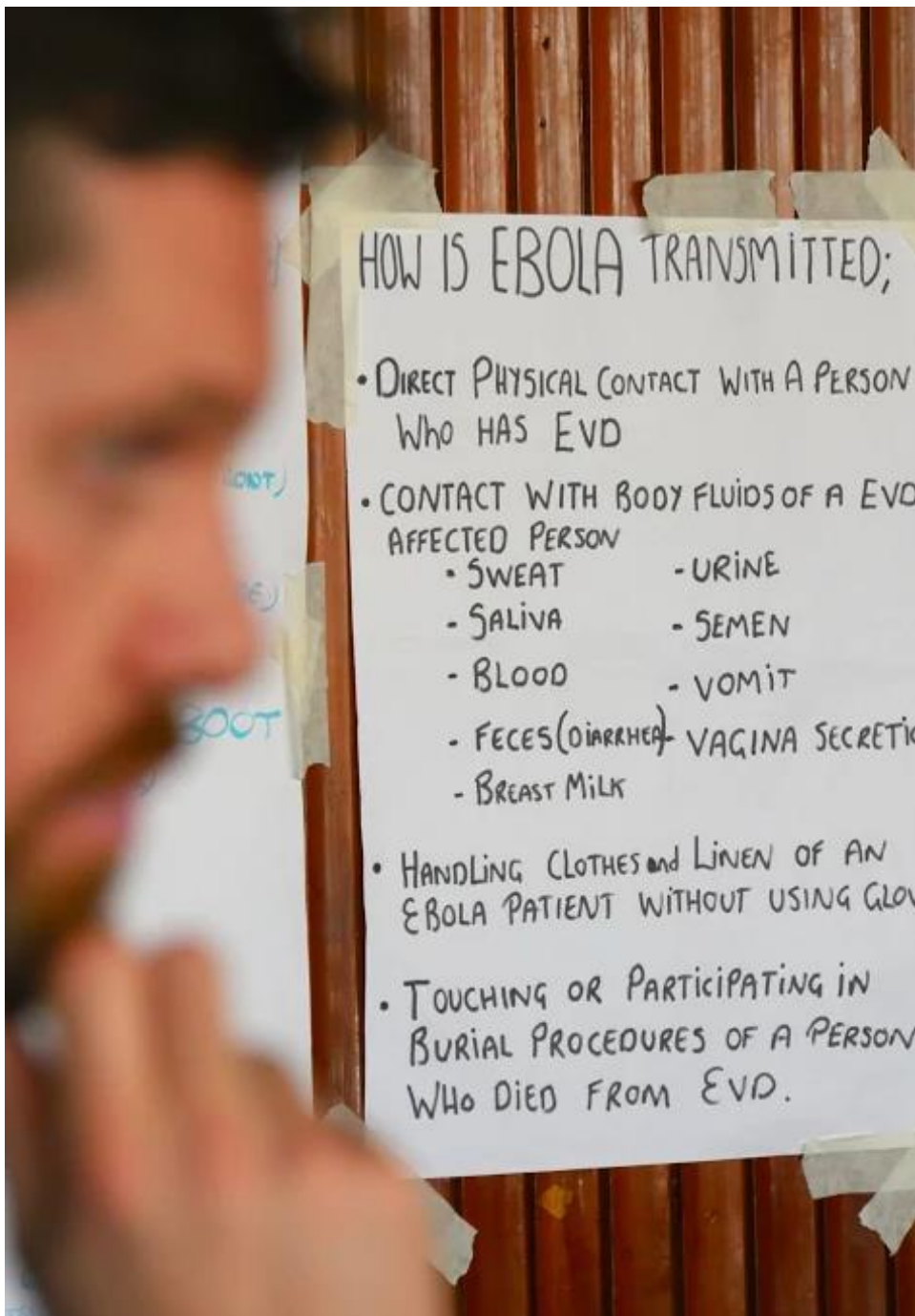
The World Health Organization is committed to the training and development of emergency responders worldwide.

Our training courses cover a wide range of technical and disease topics, to help prepare response workers with the skills and knowledge they need in a health emergency.

The courses in this catalogue are managed by the Pandemic and Epidemic Diseases Department of the World Health Organization, Geneva.

We look forward to welcoming new and returning participants to one of our courses soon.

Contact
outbreak.training@who.int



WHO/W.Romeril

Pre-Deployment

All personnel sent by the World Health Organization to respond to a public health or humanitarian emergency must have essential knowledge and skills to perform effectively and safely.

These pre-deployment trainings prepare responders for the challenges they will face in the field and the responsibilities of joining an international response.

ePROTECT 2 – respiratory illness

Pre-deployment training for personnel responding to an outbreak of infectious respiratory disease

Through this training, response personnel will be prepared to work in respiratory disease outbreaks such as Severe acute respiratory syndrome (SARS), Middle East respiratory syndrome coronavirus /MERS-CoV) and pandemic Influenza.

| | |
|------------------|---|
| Audience | WHO responders, partner agencies, national responders |
| Duration | 5 hours |
| Materials | Training & evaluation material (eLearning in development) |
| Languages | English |

ePROTECT 1 – Ebola

Pre-deployment training for Ebola responders

This training prepares Ebola outbreak responders with basic occupational health and safety precautions to keep them safe in the field. It covers the use of appropriate infection prevention and control precautions, how to stay healthy, and procedures to follow in case of general or Ebola-related illness.

| | |
|------------------|---|
| Audience | WHO responders, partner agencies, national responders |
| Duration | 5 hours |
| Materials | eLearning course, training and evaluation materials |
| Languages | English, French |

GO

Comprehensive pre-deployment training for Ebola responders

Tailored specially to the Ebola outbreak response in West Africa, this package provides front-line response personnel with core knowledge and information. The course covers the international Ebola response, functions of the pillars of response, and codes of conduct for international work, amongst other modules.

| | |
|------------------|--|
| Audience | International response personnel |
| Duration | 1-2 days |
| Materials | Face-to-face training materials, self-learning packs |
| Languages | English |

Outbreak Response

Ensuring rapid and effective response to disease outbreaks is a core function of national health systems and the WHO.

Through these courses, participants will master a range of concepts and skills to enable them to manage outbreaks of infectious disease.



WHO/C.Black

Cholera control in emergencies

Control of epidemic-prone diarrhoeal diseases in humanitarian emergencies

Through this training, public health professionals will learn key approaches to controlling cholera and other epidemic-prone diarrhoeal diseases in humanitarian emergencies.

| | |
|------------------|---|
| Audience | Public health staff responding to cholera outbreaks |
| Duration | 5 days |
| Materials | Reference and training materials |
| Languages | Arabic, English |

Cholera outbreak management

Case study

This case study covers outbreak preparation, investigation, response and post-response activities in a suspected cholera outbreak.

| | |
|------------------|---|
| Audience | District-level cholera teams |
| Duration | 8 hours |
| Materials | Case study, facilitator and role player materials |
| Languages | English, French |

SARI, severe influenza and MERS-CoV

Outbreaks of respiratory illness

This interactive course provides practical information on severe acute respiratory infections (SARIs), Middle East respiratory syndrome coronavirus (MERS-CoV) and severe influenza. It is aimed at doctors and other staff working in intensive care units caring for patients with SARI in resource-constrained countries.

| | |
|------------------|--|
| Audience | ICU staff caring for patients with SARI |
| Duration | 4 days |
| Materials | Participant toolkit, facilitator guides, e-materials |
| Languages | English, Indonesian, Russian, Vietnamese |

Sentinel influenza surveillance

Detection and early warning

Over four modules, participants will learn about key characteristics of influenza viruses; how to implement surveillance for severe acute respiratory infection (SARI) and influenza-like illness (ILI); how to analyse and present surveillance data; and how to organise a sentinel surveillance system at site, laboratory and national level.

| | |
|------------------|---|
| Audience | Public health professionals involved in influenza |
| Duration | 4 hours |
| Materials | e-learning materials |
| Languages | English, Spanish |

Safe blood collection

Sample collection for emerging pathogens

This is a practical course designed to instruct medical professionals and laboratory workers on how to safely collect blood samples from patients suspected to be infected with emerging pathogens.

| | |
|------------------|---|
| Audience | Medical district officials and laboratory technicians |
| Duration | 1 day |
| Materials | Field guide and training materials |
| Languages | English, French |



WHO/R.Holden

Detecting and confirming a plague case

Plague rapid detection tests and sampling kits

This training outlines steps to detect and confirm plague cases using rapid detecting tests and sampling kits.

| | |
|------------------|---|
| Audience | Medical district officials and laboratory technicians |
| Duration | 1 day |
| Materials | e-materials |
| Languages | English, Spanish |

Safe sampling and shipment of plague samples

Sample collection for plague

In this training participants will learn how to safely take samples from suspected plague cases for testing and confirmation. Participants will also be instructed on the safe packaging and shipment of medical plague samples.

| | |
|------------------|---|
| Audience | Medical district officials and laboratory technicians |
| Duration | 1 day |
| Materials | Training materials |
| Languages | English |



WHO/C.Black

Risk Communication

Risk communication is a strategic and interactive process of information exchange among stakeholders.

These trainings will enable participants to communicate clearly and effectively on behalf of WHO during health emergencies.

Emergency Communications Network (ECN) training

Pre-deployment training and roster entry qualification

The ECN identifies, trains and deploys risk communication experts as part of WHO's response to health emergencies. This training prepares network members for deployment, and is designed to replicate conditions in a major health emergency. It combines interactive, face-to-face learning with a four-day simulation exercise.

| | |
|------------------|--|
| Audience | Communications and public health professionals, partners |
| Duration | 9-10 days |
| Materials | Training, participant and facilitator materials |
| Languages | English (primary) |

WHO communications essentials

Introduction to WHO communications

Clear and effective communication about public health risks and WHO's work to improve health are central to achieving the Organization's goals. This e-learning module helps WHO staff to understand why to communicate, who to communicate with and how to do it.

| | |
|------------------|---|
| Audience | Public health experts. <i>Version for vets available in hardcopy.</i> |
| Duration | 2 hours |
| Materials | Online course, handbook |
| Languages | Arabic, Chinese, English, French, Portuguese, Spanish |

ERC country support network (SUPPORT) training

Core skills for strategic support to countries and roster entry qualification

National capacities for emergency risk communication (ERC) are indispensable to epidemic and emergency response. Strengthening risk communication includes effective capacity assessment leading to the development of national strategies and plans, and testing these plans with simulation exercises.

| | |
|------------------|---|
| Audience | Capacity building experts in risk communication |
| Duration | 5 days |
| Materials | Online modules. <i>Face to face course available in 2016.</i> |
| Languages | English, French |



WHO/A.Khan

Network of Applied Anthropologists and Sociologists (SOCIALIZE) training

Effective community engagement and emergency risk communication; and roster entry qualification

This course equips anthropologists and sociologists to work effectively with response teams providing real-time knowledge to influence response.

| | |
|------------------|--|
| Audience | Anthropologists, sociologists and community workers |
| Duration | 3 days |
| Materials | Face to face course under development. Online follow up. |
| Languages | English, French |

National planning workshops for emergency risk communication (ERC Expert Net)

Country-level risk communication capacity strengthening

Introductory level course for Member States and WHO staff to initiate or strengthen national risk communications capacity building. These are multi-stakeholder learning and engagement events run at regional, subregional or national levels.

| | |
|------------------|---|
| Audience | Staff responsible for risk communications capacity building |
| Duration | 2 days |
| Materials | Face to face workshops and online material |
| Languages | English, French |

Pandemic communications (PanComm)

Communicating along the critical pathway

Risk communication is an essential component of pandemic risk management. This is a specialized course that requires completion of the Communications Essential eLearning course.

| | |
|------------------|-----------------------------------|
| Audience | Risk communications practitioners |
| Duration | 20 hours |
| Materials | Online training materials |
| Languages | English |



WHO/W.Romeril

Ebola Response

Designed to meet the learning needs of professionals deployed to respond to an Ebola outbreak, these courses offer training on a wide range of technical practices and skills specific to Ebola.

Clinical management and infection prevention and control for Ebola

Participant and train-the-trainer course

This training prepares both national staff and international foreign medical team members for work in an Ebola treatment unit (ETU). The three phase training consists of facilitated learning sessions (3 days), patient simulations in a mock ETU and mentored instruction. The course also includes train-the-trainers material to enable participants to train other staff.

| | |
|------------------|---|
| Audience | Clinical staff working in Ebola treatment units |
| Duration | 5 days |
| Materials | Training material, facilitator manual, posters |
| Languages | English |

CARD

Clinical case recognition, actions, reporting and diagnosis

The CARD (case recognition, actions, reporting, diagnosis) approach aims to strengthen the capacities of clinicians and health care workers to detect emerging infectious diseases and take appropriate clinical samples for laboratory testing and early diagnosis.

| | |
|------------------|---|
| Audience | Health care workers involved in clinical care |
| Duration | 3-5 days |
| Materials | Training material, posters |
| Languages | English |

Safe and dignified burial

Local-level Ebola response

In this course participants are trained on the safe management of dead bodies and burial of patients who have died from suspected or confirmed Ebola virus disease. The course covers twelve key steps to follow to ensure a safe burial including preparation, communication and agreement with the family, body handling, dignified burial and disinfection.

| | |
|------------------|--------------------|
| Audience | Local burial teams |
| Duration | 3 days |
| Materials | Training materials |
| Languages | English, French |

Oral swab collection

For suspected Ebola cases

This course instructs participants on how to safely collect oral swabs (saliva) for testing from deceased patients suspected to be infected with Ebola. It includes preparation, personal protection from infection, collection and waste management.

| | |
|------------------|---|
| Audience | Medical district officials and laboratory technicians |
| Duration | 1 day |
| Materials | Field guide, training manual |
| Languages | English, French |

In-country safe shipment of Ebola samples

Shipment of human blood samples

This course prepares participants to safely ship human blood samples taken from a suspected Ebola case within a country. Topics covered include preparing a sample, personal protection from infection, packaging, shipment and recording.

| | |
|------------------|---|
| Audience | Medical district officials and laboratory technicians |
| Duration | 3 hours |
| Materials | Field guide, training manual |
| Languages | English, French |



WHO/T.Jasarevic