

Ebola

Issue Brief

More guidelines, online courses, posters, and videos can be found in our EBOLA TOOLBOX www.ebolabox.org

Ebola

On 20 September 2022, Uganda health authorities declared an outbreak of Ebola disease, caused by Sudan virus, following laboratory confirmation of a patient from a village in Madudu sub-county, Mubende district, central Uganda.

“This is the first time in more than a decade that Uganda is recording an outbreak of Sudan ebolavirus. We are working closely with the national health authorities to investigate the source of this outbreak while supporting the efforts to quickly roll out effective control measures,” said Dr Matshidiso Moeti, World Health Organization (WHO) Regional Director for Africa.

There have been seven previous outbreaks of the Sudan ebolavirus, with four occurring in Uganda and three in Sudan. Uganda last reported an outbreak of Sudan ebolavirus in 2012. In 2019, the country experienced an outbreak of Zaire ebolavirus. The virus was imported from neighbouring Democratic Republic of the Congo which was battling a large epidemic in its north-eastern region.

While ring vaccination of high-risk people with Ervebo (rVSV-ZEBOV) vaccine has been highly effective in controlling the spread of Ebola in recent outbreaks in the Democratic Republic of the Congo and elsewhere, this vaccine has only been approved to protect against the Zaire virus. Another vaccine produced by Johnson and Johnson may be effective but has yet to be specifically tested against Ebola Sudan.

Ebola is a severe, often fatal illness affecting humans and other primates. It has six different species, three of which (Bundibugyo, Sudan and Zaire) have previously caused large outbreaks. Case fatality rates of the Sudan virus have varied from 41% to 100% in past outbreaks. Early initiation of supportive treatment has been shown to significantly reduce deaths from Ebola.

<https://www.afro.who.int/countries/uganda/news/uganda-declares-ebola-virus-disease-outbreak>

Clinical Management

Therapeutics for Ebola virus disease
World Health Organization WHO (2022)

The WHO clinical management guide for Ebola virus disease (EVD) provides the organisation's most up-to-date recommendations for the clinical management of people with EVD. It is important to provide a comprehensive and holistic guide for the optimal care of EVD patients throughout their illness. The guide is available both in PDF format (via the download button) and via an online platform in French and English, and will be updated regularly as new evidence becomes available. This



first version of the guideline on the clinical management of EVD includes four new recommendations on the use of therapeutics in EVD, including two strong recommendations for the use of monoclonal antibody therapies. This new living guideline was written to complement the standard operating procedures for optimised supportive care (oSoC) in EVD (5, 6). The aim of the guideline is to summarise high-quality evidence for EVD therapeutics and provide recommendations for their use.

<https://www.medbox.org/document/therapeutics-for-ebola-virus-disease>

Ebola or Marburg case investigation and recording sheet
World Health Organization WHO (2020)

June 2020

<https://www.medbox.org/document/ebola-or-marburg-case-investigation-and-recording-sheet-june-2020>



Clinical management of patients with viral haemorrhagic fever. A pocket guide for the front-line health worker

World Health Organization, Regional Office for Africa; (2016)

The purpose of this pocketbook is to provide clear guidance on current best management practices for VHF across health-care facilities

<https://www.medbox.org/document/clinical-management-of-patients-with-viral-haemorrhagic-fever-a-pocket-guide-for-the-front-line-health-worker>



Personal Protective Equipment PPE

Steps to put on personal protective equipment (PPE) including gown
World Health Organization (2015)

<https://www.medbox.org/document/steps-to-put-on-personal-protective-equipment-ppe-including-gown>



Steps to take off personal protective equipment (PPE) including gown
World Health Organization (2015)

<https://www.medbox.org/document/steps-to-take-off-personal-protective-equipment-ppe-including-gown>



Steps to put on personal protective equipment (PPE) including coverall
World Health Organization (WHO) (2015)

<https://www.medbox.org/document/steps-to-put-on-personal-protective-equipment-ppe-including-coverall>



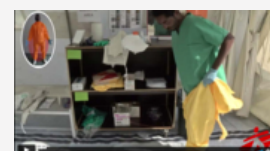
Steps to take off personal protective equipment (PPE) including coverall
World Health Organization (WHO) (2015)

<https://www.medbox.org/document/steps-to-take-off-personal-protective-equipment-ppe-including-coverall>



Ebola Practical Training Video: Dressing PPE
Médecins sans Frontières (2014) Video

In response to the urgent need for trained health professionals to assist in the efforts to contain the Ebola outbreak in West Africa, Médecins Sans Frontières has been running training sessions in Brussels for international aid workers before they depart for the field. Below are videos used to accompany the training sessions, helping to demonstrate infection control measures. All videos are without sound to avoid language barriers. All videos are intended to be viewed in training sessions with an experienced Médecins Sans Frontières trainer. A free registration at vimeo is requested.



<https://www.medbox.org/document/ebola-practical-training-video-dressing-ppe>
<http://vimeo.com/108334387>

Ebola Practical Training Video: Undressing PPE
Médecins sans Frontières (2014)

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<https://www.medbox.org/document/ebola-practical-training-video-undressing-ppe>
<http://vimeo.com/108340219>

Standard Precautions & Hand Hygiene

How to Hand wash

World Health Organization WHO (2009)

Poster

<https://www.medbox.org/document/how-to-hand-wash>



How to Hand rub?

World Health Organization (2009)

Poster

<https://www.medbox.org/document/how-to-hand-rub>



Standard precautions for the prevention and control of infections: aide-memoire

World Health Organization WHO (2022)

<https://www.medbox.org/document/standard-precautions-for-the-prevention-and-control-of-infections-aide-memoire>

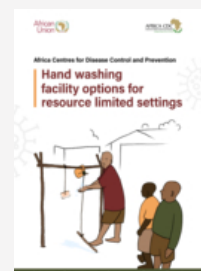


Hand washing facility options for resource limited settings

Africa CDC (2020)

This document provides guidance to AU Member States, states/local bodies, and communities on how to construct and maintain non-contact hand washing stations like Tippy Taps and other alternative hand washing stations.

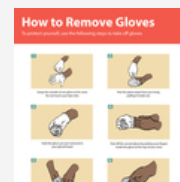
<https://www.medbox.org/document/hand-washing-facility-options-for-resource-limited-settings>



Safe Glove Removal

Centers for Disease Control and Prevention CDC (2018)

<https://www.medbox.org/document/safe-glove-removal>



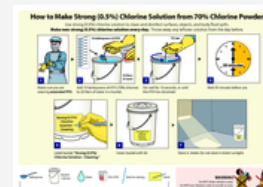
Making cleaning solution from 2.6% liquid bleach
Centers for Disease Control and Prevention CDC (2020)

<https://www.medbox.org/document/making-cleaning-solution-from-26-liquid-bleach>



How to Make Strong (0.5%) Chlorine Solution from 70% Chlorine Powder
Centers for Disease Control and Prevention (2015)

<https://www.medbox.org/document/how-to-make-strong-05-chlorine-solution-from-70-chlorine-powder>
<http://www.cdc.gov/vhf/ebola/pdf/cleaning-hand-washing-with-chlorine-powder.pdf>



Ebola Practical Training Video: Discharge Procedure
Médecins sans Frontières (2014) Video

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<https://www.medbox.org/document/ebola-practical-training-video-discharge-procedure>
<http://vimeo.com/110487231>



Ebola Practical Training Video: Decontamination Equipment
Médecins sans Frontières (2014) Video

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<https://www.medbox.org/document/ebola-practical-training-video-decontamination-equipment>
<http://vimeo.com/110486704>



Ebola Practical Training Video: Blood drawing
Médecins sans Frontières (2014) Video

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<https://www.medbox.org/document/ebola-practical-training-video-blood-drawing>
<http://vimeo.com/108792835>

Ebola Practical Training Video: Disinfection Dead Body *Médecins sans Frontières (2014) Video*

In response to the urgent need for trained health professionals to assist in the efforts to contain the Ebola outbreak in West Africa, Médecins Sans Frontières has been running training sessions in Brussels for international aid workers before they depart for the field. Below are videos used to accompany the training sessions, helping to demonstrate infection control measures. All videos are without sound to avoid language barriers. All videos are intended to be viewed in training sessions with an experienced Médecins Sans Frontières trainer



<https://www.medbox.org/document/ebola-practical-training-video-disinfection-dead-body>
<http://vimeo.com/110488040>

Hand Washing In Hospitals *MedicalAidFilms (2021) Video*

This film covers handwashing best practice for health workers in hospitals. This Video is available in Hausa and Yoruba. accessed 08.2021



<https://www.medbox.org/document/hand-washing-in-hospitals>
<https://www.medicalaidfilms.org/film/hand-washing-hospitals/>

Online Courses

Ebola: Clinical management of Ebola virus disease *World Health Organization (WHO) (2018)*

This comprehensive intermediate level course is for clinicians caring for patients with suspected or confirmed Ebola virus disease (EVD). Modules provide information on screening and triage, infection prevention and control, laboratory diagnostics, organization of the Ebola Treatment Centre (ETC), clinical care of patients in the ETC, and investigational therapeutic agents. This training course provides clinicians with access to downloadable presentations and posters to facilitate their management of Ebola virus disease (EVD).



<https://www.medbox.org/document/ebola-clinical-management-of-ebola-virus-disease>
<https://openwho.org/courses/ebola-clinical-management>

Standard precautions: Hand hygiene *OpenWHO; World Health Organization WHO (2020)*

Most health care-associated infections are preventable through good hand hygiene – cleaning hands at the right times and in the right way. The WHO Guidelines on hand hygiene in health care support hand hygiene promotion and improvement in health care facilities worldwide and are complemented by the WHO multimodal hand hygiene improvement strategy, the guide to implementation, and implementation toolkit, which contain many ready-to-use practical tools.



<https://www.medbox.org/document/standard-precautions-hand-hygiene>
<https://openwho.org/courses/IPC-HH-en>

Tippy Tap

How to build a Tippy Tap?

Tippy Tap; Watershed Management Group; Grampari (2014)

Want to build a tippy tap? Want to teach someone else how to? Here is a graphical manual that works for both literate and illiterate populations. Accessed 18 December 2014

<https://www.medbox.org/document/how-to-build-a-tippy-tap>
<https://www.tippytap.org/tools/build-a-tippy-tap>



Tippy Tap

Tippy Tap Org (2011)

These posters are great to display near tippy taps that are built in public areas like schools or village meeting areas. They list the benefits of the tippy tap. These multilingual posters are sized for A3 paper. Please ensure you print to fit for other size paper.

<https://www.medbox.org/document/tippy-tap>
<https://www.tippytap.org/tools/posters>



Hand washing with the tippy tap

World Health Organization WHO (2020) Video

Hand washing is one of the best ways to prevent the spread of COVID-19. But not everyone has access to running water at all times. The tippy tap is one simple and safe way to wash your hands that is especially designed for areas with no running water

<https://www.medbox.org/document/hand-washing-with-the-tippy-tap>
https://www.youtube.com/watch?v=HNkl1Zqs_40



Videos

The Story of Ebola

Global Health Media Project, International Federation of Red Cross and Red Crescent Societies, UNICEF, and Yoni Goodman (2015); Global Health Media Project

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<https://www.medbox.org/document/the-story-of-ebola>



<http://globalhealthmedia.org/portfolio-items/the-story-of-ebola-english/?portfolioID=5623>

Ebola contact tracing
Medical Aid Films (2015)

Ebola animation for community health workers in Guinea. The animation follows the story of a contact tracer, Mariam, as she goes about her work – visiting those who have come into contact with a sick Ebola patient, finding those who are showing symptoms, and arranging appropriate care for those who need it. The film will be used by the Government of Guinea and UNFPA in Guinea; and it is freely available in English and French for anyone to download and use, in both standard and mobile formats



<https://www.medbox.org/document/ebola-contact-tracing>
<https://vimeo.com/127482748>



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