

# Outbreak of Marburg Virus Disease, Equatorial Guinea, 2023

## Appendix

### Case Definition

Marburg virus disease case definition, following modifications to the WHO recommended case definition for Ebola and Marburg virus diseases, implemented 17 April 2023.

#### Suspected case

- Any person with a sudden onset of  $\geq 1$  symptom indicative of Marburg virus disease (MVD) (fever, back pain, muscle pain, abdominal pain, loss of appetite, nausea or vomiting, fatigue, rash, difficulty swallowing or breathing, headache, diarrhea, hiccups) and a history of [one or more of the following]:
  - Contact with a confirmed or probable case-patient of MVD
  - Participation in a burial of an unexplained or sudden death
  - Visiting  $>1$  health care facility in the preceding 7 days, or
- Any person with sudden onset of fever and  $\geq 3$  symptoms indicative of MVD, or
- Any person with sudden onset of unexplained hemorrhage, convulsions, altered consciousness, or shock, or
- Anyone with unexplained and sudden death.

#### Probable case

- Any suspected case-patient evaluated by a clinician, or
- Any suspected case-patient that had died (and for which it was not possible to obtain a biologic sample) with an epidemiologic link to a confirmed case-patient.

**Confirmed case**

Any suspected or probable case-patient with a positive PCR or antibody laboratory result for Marburg virus.

**Noncase**

Any suspected or probable case-patient with a negative laboratory result for Marburg virus from a sample collected during the appropriate period while the case-patient was symptomatic. Case-patients who received a negative laboratory result from a sample collected within the first 72 hours following symptom onset were re-tested at least 72 hours following symptom onset.

**Contact**

Any person who, following the onset of a Marburg virus disease case-patient's symptoms:

- Slept in the same house as a case-patient, or
- Had direct physical contact with a case-patient or their bodily fluids during their illness or at their funeral, or
- Touched clothing or bed linens used by the case-patient, or
- Was breastfed by the case-patient, or
- Had contact with a case-patient or their samples in a health care or laboratory facility without appropriate personal protective equipment.