WHO suggested outbreak case definition

Suspected case:

Any person with clinical features suggestive of RVF\(^1\) AND had contact with sick or dead animals (sheep, goats, cattle, camels), or their products, in the 15 days prior to onset of symptoms.

Confirmed case:

- Any suspected or probable case with a laboratory positive result (detection of virus by RT-PCR, positive IgM or IgG seroconversion\(^2\), or virus isolation).

Discarded case:

- Any suspected or probable case with a negative laboratory result (showing no specific antibodies, RNA or specific detectable antigens).

WHO surveillance case definition

- Integrated Disease Surveillance and Response (Brazzaville: World Health Organization Regional office for Africa; 2019)

Early disease:

Acute febrile illness (axillary temperature >37.5 °C or oral temperature of >38.0°C) of...
more than 48 hours duration that does not respond to antibiotic or antimalarial therapy, and is associated with:

- Direct contact with sick or dead animals or its products
- Recent travel (during last week) to, or living in an area where, after heavy rains, livestock die or abort, and where RVF virus activity is suspected/confirmed
- Abrupt onset of any one or more of the following: exhaustion, backache, muscle pains, headache (often severe), discomfort when exposed to light, and nausea/vomiting
- Nausea/vomiting, diarrhoea or abdominal pain with one or more of the following: severe pallor (or Hb < 8 gm/dL); low platelets (thrombocytopenia) as evidence by presence of small skin and mucous membrane haemorrhages (petechiae) (or platelet count < 100x10^9/dL), or evidence of kidney failure (oedema, reduced urine output (or creatinine > 150 mol/L) OR
- Evidence of bleeding into skin, bleeding from puncture wounds, from mucous membranes or nose, from gastrointestinal tract and unnatural bleeding from vagina, OR
- Clinical jaundice (3-fold increase above normal of transaminases).

**Late stages of diseases or complications (2-3 weeks after onset):**
Patients who have experienced, in the preceding month a flu-like illness, with clinical criteria, who additionally develop the following:

- CNS manifestations which resemble meningoencephalitis AND/OR:
- Unexplained visual loss, OR:
- Unexplained death following sudden onset of acute flu-like illness with haemorrhage, meningoencephalitis, or visual loss during the preceding month.

### Data collection tools

- Case investigation forms: Not Available
- Line list: Not available.
- Electronic tools: Not available

### Laboratory confirmation


### Response tools and resources

Training


Other resources

- Standard precautions for the prevention and control of infections: aide-memoire (Geneva: World Health Organisation; 2022)