



Marburg Virus Disease

[Source: DTE](#)

Rwanda has successfully contained and declared its first-ever [Marburg Virus Disease \(MVD\) outbreak](#) **officially over** after a 42-day period without new cases.

- MVD is a severe and often **fatal hemorrhagic fever** caused by the **Marburg virus**, with high case fatality rates and no approved treatments currently available.
- **Transmission:** It is transmitted from **fruit bats (*Rousettus aegyptiacus*) to humans**, and spreads through direct contact with bodily fluids of infected individuals.
- **Symptoms:** MVD starts with high fever, severe headache, and malaise.
 - As it progresses, it can cause severe bleeding, shock, and multi-organ failure, with death occurring **8-9 days** post-symptom onset.
- **Diagnosis:** Diagnosis is confirmed through tests like [RT-PCR \(Reverse Transcription Polymerase Chain Reaction\)](#), and virus isolation, which require maximum biohazard containment.
- **Treatment:** No approved vaccine or antiviral treatments; **supportive care**, such as rehydration and symptom management, improves survival.
- **Control:** Key control measures include **community engagement, safe burials, contact tracing**, and infection control in healthcare settings.
- **Key Facts About Rwanda:** It is a landlocked country in **East-Central Africa**, known as the "**Land of a Thousand Hills.**" It shares borders with **Burundi, Tanzania, Uganda, and the Democratic Republic of the Congo.**
 - Kigali is the capital. The **Nile and Congo rivers** flow through Rwanda.

//



Read more: [Marburg Virus](#)

PDF Refernece URL: <https://www.drishtias.com/printpdf/marburg-virus-disease>