

## Scenario Background: Country X

Country X is a densely populated lower-middle-income country. It has a decentralized health system, with shared functions and governance across national, provincial, and district levels. The Ministry of Health sets national standards and provides overall coordination of HEPPR activities. Administratively, the country is divided into provinces, each segmented into multiple districts.

At the district level, District Health Offices, or DHOs, are responsible for supervising relevant public health and HEPPR activities at the health facility level. Basic disease surveillance for notifiable and selected priority diseases - including suspected viral haemorrhagic fevers such as Ebola virus disease, or EVD, is functional in all national hospitals, most district-level health posts, and most urban private facilities. However, surveillance coverage is still uneven, especially in remote areas.

### **STARTEX – Scenario briefing (case report)**

You are the head of the District Health Office in Nanbo District of Country X. It is March 19. You've just returned from several days of national holiday leave. While you were away, Dr. Baneko, a district medical officer who has been conducting supervision visits in the Port Mockery health zone, submitted a case report from one of the rural facilities. You have not received any updates since then.

**DATE:** 15 March 2025

**PATIENT ID:** 1503-MM

**REPORTING:** Dr. A Baneko

**LOCATION:** Health Facility - Epidrill, Health Zone - Port Mockery

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### **Notification of suspected viral hemorrhagic fever (VHF).**

Patient MM, a 6-year-old female, presented to the clinic on 14 March with non-specific symptoms, including fever and headache that started 4 days prior to the visit.

After the initial examination, clinic staff gave a provisional diagnosis of malaria. This was not confirmed due to stock-out of rapid diagnostic tests (RDTs), but instruction was given to discharge the patient with malaria prophylaxis.

As part of supervision visit, district medical officer (DMO) reviewed Patient MM before discharge and learned that the patient's aunt died a few weeks ago after an acute illness. Further questioning on symptoms and clinical progression suggested VHF as the cause of death. The aunt lived in the same household.

An oral swab was collected from MM and sent to the nearest reference laboratory.

MM is being kept at the clinic for observation in a shared patient exam space without isolation measures. Basic personal protective equipment (PPE) at the facility is unavailable.

There are no functional latrines in the clinic and recent heavy rains have caused damage and overflow in cisterns and water tanks.

Several attempts were made to contact the District Health Office (DHO) on the day of patient visit via SMS, but no confirmation or response was received. The clinic was provided with a basic mobile phone during a past international development project but there was no available phone credit.