

Liberia works to contain Ebola, find source of new cases

July 3 2015, by Carley Petesch And Jonathan Paye-Layleh



In this photo taken on Wednesday, July 1, 2015, the home where a 17-year-old lived before he died of Ebola is seen after it was placed under Ebola quarantine, on the outskirts of Monrovia, Liberia. Authorities say that contact tracing has intensified in the town where a 17-year-old died from Ebola on Sunday, June 28, 2015, as a third person has been found to have the deadly virus. (AP Photo/ Abbas Dulleh)

Liberia is working hard to contain Ebola and find the source of the latest infections of the deadly virus recorded this week.

The West African country previously succeeded in containing the outbreak, despite being initially the hardest hit with more than 4,800 deaths. The last recorded case before this latest emergence was on March 20, according to the World Health Organization.

"We will contain it quickly because of where we are in the learning curve as far as Ebola is concerned," said Dr. Philip Ireland at the John F. Kennedy Medical Center in the capital, Monrovia.

Ebola was found on the corpse of a 17-year-old boy who died Sunday. Two new cases have been linked to the teen, the only two known cases as of Friday, said Liberia Ebola response chief Tolbert Nyenswah.

WHO spokeswoman Margaret Harris said Friday there is strong community engagement in Nedowein, where the new cases were found.

"We still have to determine the source of this infection," she said. Investigations include speaking with community members, mobilizing experts and genetic sequencing, she said.

"We're looking at the genetics of the virus to see how closely it is related to viruses we're seeing in Guinea, in Sierra Leone or in previous chains of infection in Liberia," she said.



Ebola health workers spray disinfectant on an ambulance that was used to transport two people suspected of having the Ebola virus on the outskirts of Monrovia, Liberia, Wednesday, July 1, 2015. Liberian officials confirmed a second Ebola case Wednesday in the same town where the disease was detected days earlier on the corpse of a teenager, seven weeks after the country was declared Ebola-free.(AP Photo/ Abbas Dulleh)

She praised Liberia's continued high alert and surveillance, saying that is how the country detected these latest cases.

Authorities have traced about 175 people who had contact with the dead teen, who first became ill June 21 and went to a local health facility where he was treated for malaria and discharged.

Experts warned the risk of Ebola remained in Liberia until it was eradicated in Sierra Leone and Guinea. The majority of the more than 11,200 deaths come from these three countries.



Children in front of their home that has been placed under Ebola virus quarantine, after a 17-year old boy died from the Ebola virus near the homestead on the outskirts of Monrovia, Liberia, Wednesday, July 1, 2015. Liberian officials confirmed a second Ebola case Wednesday in the same town where the disease was detected days earlier on the corpse of a teenager, seven weeks after the country was declared Ebola-free.(AP Photo/ Abbas Dulleh)



Ebola health workers spray disinfectant on a road near the home of a 17-year old boy that died from the Ebola virus on the outskirts of Monrovia, Liberia, Wednesday, July 1, 2015. Liberian officials confirmed a second Ebola case Wednesday in the same town where the disease was detected days earlier from the corpse of a teenager, seven weeks after the country was declared Ebola-free.(AP Photo/ Abbas Dulleh)

© 2015 The Associated Press. All rights reserved.

Citation: Liberia works to contain Ebola, find source of new cases (2015, July 3) retrieved 2 May 2024 from <https://medicalxpress.com/news/2015-07-liberia-ebola-source-cases.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.