

Liberians overcome fear to volunteer for Ebola vaccine trial

March 22 2015, by Jonathan Paye-Layleh



In this Monday, Feb. 2, 2015 file photo, a woman, right, is injected by a health care worker as she takes part in a Ebola virus vaccine trial at the Redemption hospital in Monrovia, Liberia. Liberians are overcoming their fears of Ebola to volunteer for a vaccine trial. The gruesome toll of West Africa's Ebola outbreak, which has killed more than 4,200 Liberians of the more than 10,000 who have succumbed to the disease, has intensified efforts to find a vaccine for a disease that previously infected relatively few people in remote areas. (AP Photo/ Abbas Dulleh, File)

Liberians are overcoming their fears of Ebola to volunteer for a vaccine trial.

The gruesome toll of West Africa's Ebola outbreak, which has killed more than 4,200 Liberians of the more than 10,000 who have succumbed to the disease, has intensified efforts to find a vaccine for a disease that previously infected relatively few people in remote areas.

One year after the World Health Organization declared the Ebola outbreak, vaccine trials are under way in Liberia and Guinea. Sierra Leone will start a trial later this month.

In Liberia, scientists have fanned out across the country to explain the studies and reduce the fear and confusion that have stymied efforts to contain Ebola.

Dr. Stephen Kennedy, the Liberian lead investigator for the study, was among the first people to volunteer for the vaccine trial, getting his injection in front of the media. Similarly, in Guinea, authorities started the study by injecting a series of prominent officials, including the head of the country's Ebola response.

The outreach worked in Liberia, where more than 700 people have volunteered, well beyond the 600 required, according to Kennedy.

"All of the reservations I have were explained, my doubts were cleared," B. Emmanuel Lansana, a physician's assistant who was the first person to participate in the study, said after he received his injection.

Enrollment will close soon for Liberia's Phase 2 trial, which is testing two vaccine candidates for safety and for whether they produce an immune response.

"We've had no trouble with enrollment," said Dr. Clifford Lane, the clinical director of the U.S. National Institute of Allergy and Infectious Diseases, which is helping to run the study. "This study has been pulled off in an extraordinarily professional, competent and efficient way."

Liberia had not seen an Ebola case in weeks before one was confirmed Friday. The low level of the disease means that the trial's next phase may be moved to Sierra Leone or Guinea where the disease is more prevalent, Lane said. Phase 3 tests whether the vaccines actually prevent Ebola, so it must be done in a place with active transmission.

Doubters remain in Liberia, of course. A community chalkboard at a busy intersection in Monrovia recently read: "Ebola vaccines 1 vs. Public fear 4."

Drame Musokulamohadi, a student who cuts hair on the outskirts of the capital, hissed twice when asked about the vaccine before declaring: "I don't get myself associated with anything that is associated with Ebola."

But because the initial phase of the trial in Liberia only needed a few hundred people, the pockets of mistrust are not a hindrance.

Guinea could provide a stiffer test. In addition to vaccinating about 1,500 health workers, investigators will test vaccines by offering injections to whole communities around select Ebola cases as early as this week. That will require getting a high-level of participation; about 60 percent compliance is hoped for, said Dr. Marie-Paule Kieny, who leads Ebola vaccine research at the World Health Organization.

"I don't want to say that everything is rosy," she said, but recently resistance to Ebola control efforts seems to have been falling off in Guinea. "I hope we will be able to surf on this."

© 2015 The Associated Press. All rights reserved.

Citation: Liberians overcome fear to volunteer for Ebola vaccine trial (2015, March 22) retrieved 27 April 2024 from

<https://medicalxpress.com/news/2015-03-liberians-volunteer-ebola-vaccine-trial.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.