Will an Ebola Vaccine Change the World?

What is Ebola?
A RARE AND DEADLY DISEASE
Caused by an INFECTION with a virus of the family Filoviridae, genus Ebolavirus

1st discovered in 1976 near the Ebola River in what is now the Democratic Republic of Congo

How Ebola is Spread:
Through DIRECT CONTACT with:
- Blood or other bodily fluids
- Objects that have been contaminated with bodily fluids from a person who is with Ebola or the body of a person who died from ebola
- Infected fruit bats or primates

Incubation Period:
- Ebola only spreads when people are sick. A patient must have symptoms to spread the disease to others.
- After 21 days, if an exposed person does not develop symptoms, they will not become sick with Ebola.

Chronology of Ebola Virus

In the latest Ebola outbreak in West Africa, 41% of those who contracted Ebola died.

Initial Deployment
Due to the experimental and limited supplies of Ebola vaccines, a massive vaccination campaign will not be feasible.

Ring vaccinations of likely contacts is a more feasible way of distributing the vaccine.

Where to Deploy: Africa

COUNTRIES AFFlicted BY EBOLA

Presently, countries in West Africa are the epicenter of the current outbreak, with cases reported in Guinea, Sierra Leone, and Liberia. Other countries in the region have also reported cases, including Nigeria and Senegal. The virus has not yet spread outside of Africa.

Source: CDC