



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



Source: CDC

The natural reservoir host of Ebola virus remains unknown, but researchers believe that it is animal-borne and the reservoir is probably bats

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.

MONTH						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

Chronology of Ebola Virus



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

Source: CDC

Initial Deployment

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



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



Where to Deploy: Africa

