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**IF I COULD INVENT SOMETHING NEW**

Invention according to the Oxford Dictionary of current English can be defined as the act of discovering or finding out, or the process of creating a new device.

I personally want to invent a vaccine for cholera. Cholera is a serious disease that affects the bounds and the stomach. It is an acute diarrheal disease that can kill within hours if left untreated. Cholera is a disease that affects people with inadequate access to safe water and basic nutrition.

The Nigeria Centre for Disease and Prevention and Control (NCDC) has reported that as of June 11th, 1,141 suspected cholera case had been recorded across 30states in Nigeria. Since January 1st, 2024, there were 65 confirmed cases with 30 deaths reported from 96 local governments in 30 out of the 36 states.

In Nigeria, since the first appearance of epidemic cholera in 1972, intermittent outbreaks have been occurring.

There are two doses of Schancholtm and EvvicholR to provide protection against cholera for 3years, while a single dose provides short term protection. The two vaccines currently available for mass vaccination complains through the Global OGV stock pile, which is supported by Gavi, the vaccine alliance.

This vaccine is not common in Nigeria. And that is why I want to invent the vaccine. Necessity they say is the mother of invention.

The symptoms of cholera are: Vomiting, dehydration, shock, diarrhea, tiredness etc.

In order to execute my plans for the vaccine, research needs to be done and the pathogen needs to be identified, and the pathogen that causes cholera is bacterium vibrio. The second thing I need to do is to test the vaccine in a lab or an animal models. Next, the vaccine needs to be conducted on humans to access Safety and Immune response. Next, I need to manufacture the vaccine in a large scale. And sixth I need to distribute the vaccine to health care providers.

In conclusion the vaccine would be very affordable and available at every health centre, hospital etc.

I personally know I can achieve this goal if I follow all the steps and procedures indicated above.

A actually if I could invent something new it would definitely be a vaccine for cholera because I want to stop the spread of it and I want to save lives.