



# HOW VACCINES GET APPROVED

## Proof of Concept

The vaccine enters testing to see how it generates an immune response. If the results are promising enough the vaccine will move forward to testing in humans.



## Manufacturing Process

The FDA finds and inspects potential manufacturers to ensure that they have everything needed for reliable large-scale manufacturing



## Recommending the Vaccine for Use

The Advisory Committee on Immunization Practices will make a recommendation based on how safe and effective it is, and how many people could get the disease without the vaccine. The CDC Director will then approve the recommendation



## Research & Discovery

Researchers explore their idea for a vaccine and do around 10-15 years of laboratory testing



## Testing the Vaccine

The vaccine starts clinical trials by submitting an Investigative New Drug application to the FDA. If approved, the vaccine goes 3 phases of testing to make sure it is safe and effective



## Approving the Vaccine

The vaccine company submits a Biological License Application to the FDA to see if the data collected is enough to get the vaccine approved for use



## Monitoring for Safety and Approval

Even after vaccines are approved they are continuously monitored for safety to ensure that the public is as healthy as they can be!

