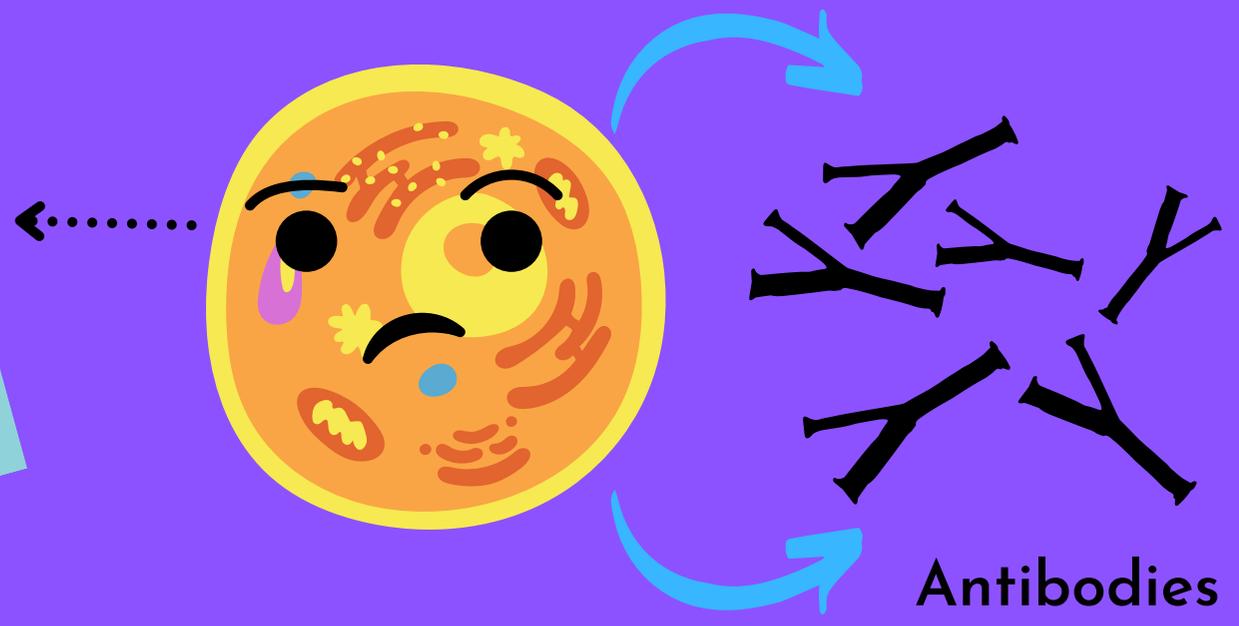
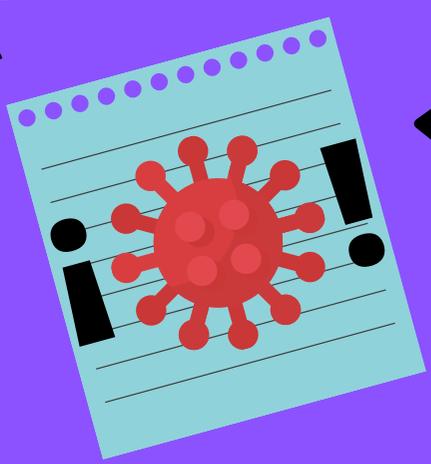




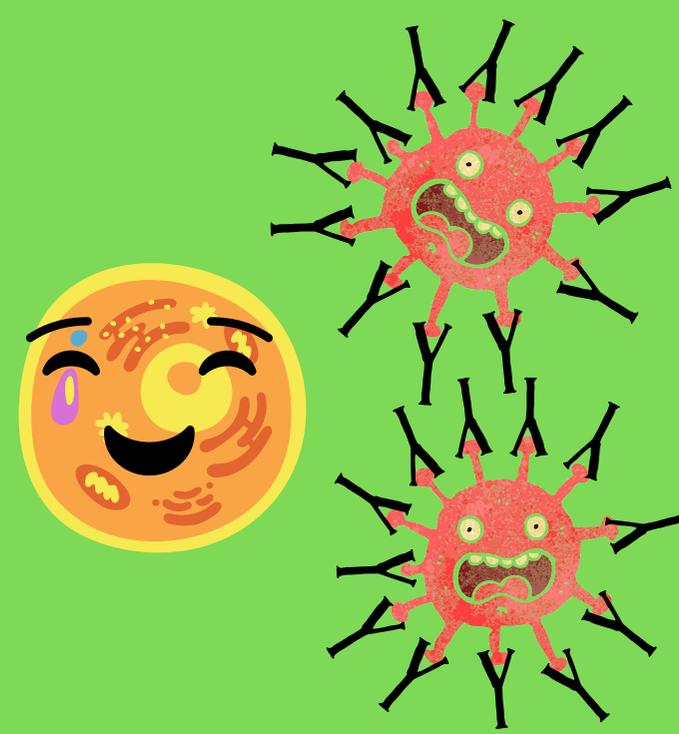
The vaccine contains messages (mRNA) that alert the immune system to the virus. It does NOT contain any virus, and you cannot get COVID from the vaccine.

When the body receives those messages, it starts making antibodies against the virus.



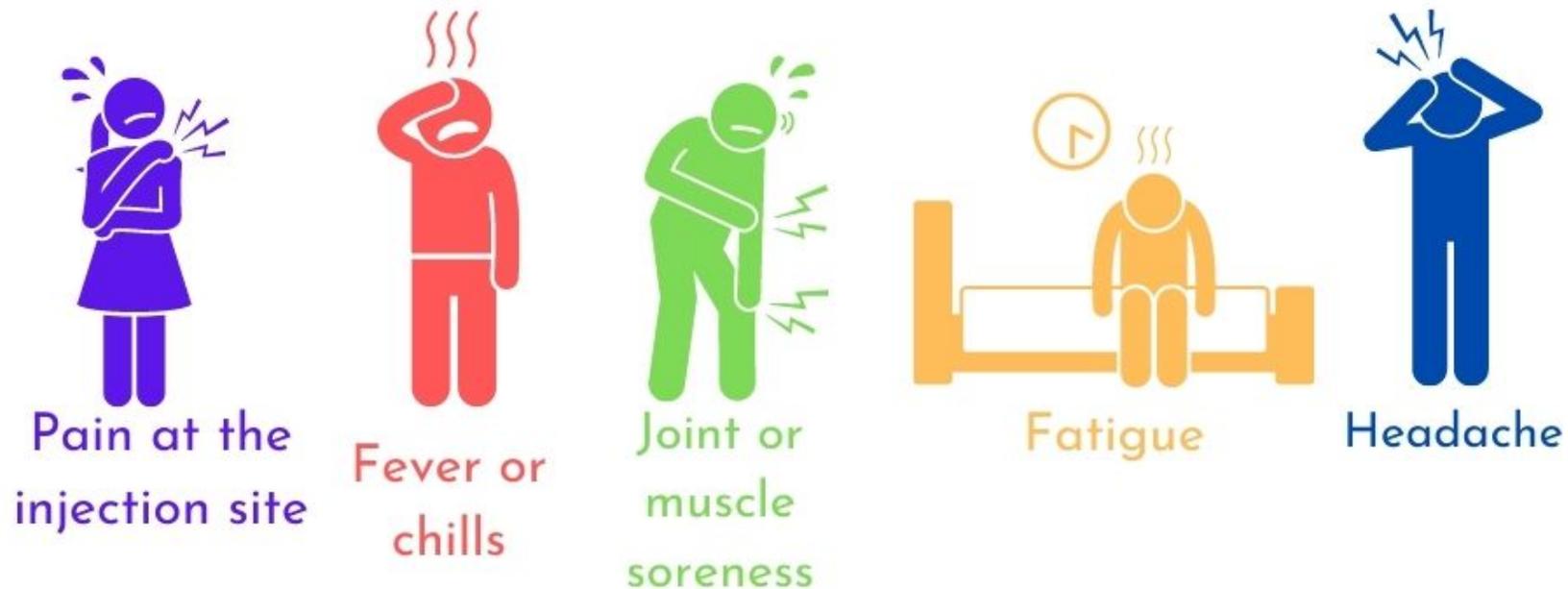
HOW DOES THE COVID-19 VACCINE WORK?

Afterwards, if someone is exposed to the virus, the antibodies protect them. The vaccine is safe, effective, and important!



THE COVID-19 VACCINE

What are the side effects?



This is normal! The symptoms are signs of your immune system working, and pass in 1-3 days.

**THE VACCINE DOES NOT CONTAIN THE VIRUS
IT'S NOT POSSIBLE TO GET COVID-19 FROM THE VACCINE**

Other FAQs:

Source: CDC, WA DOH

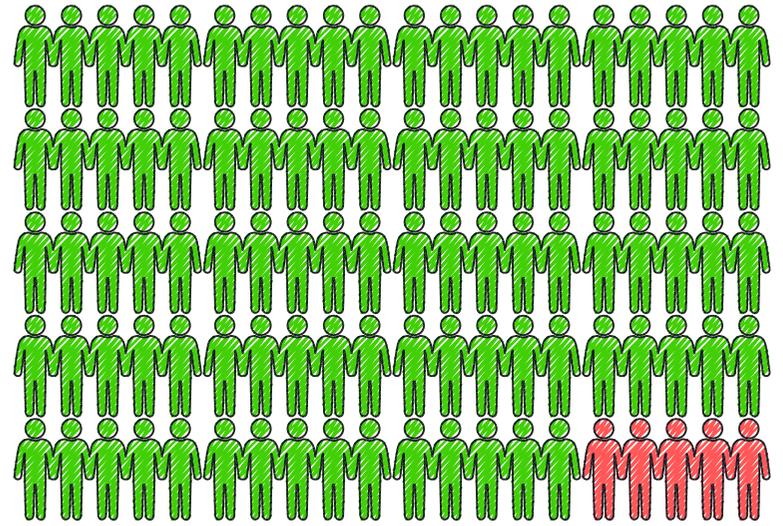
- When should I get the second vaccine? Are they the same?
 - The second vaccine is given 3-4 weeks after the first.
 - They are the same. The second dose boosts the immune response. Sometimes the side effects are more noticeable after the second dose.
- Have there been allergic reactions to the vaccine?
 - Out of 2 million vaccinations, there have been 11 severe allergic reactions. This is a rate of 1 in 190,000, less than the risk of being struck by lightning.
 - We observe everyone for 15-30 minutes after their vaccine, just in case.

THE COVID-19 VACCINE

IS IT EFFECTIVE? **YES!**

95%

prevention of severe symptoms of COVID-19 in clinical studies for both vaccines, Moderna and Pfizer



MODERNA

2 doses of vaccine
95% effective
For over age 18



Must be maintained at
temperature of -4°F
(normal freezer)



30,000 people participated in
the clinical trials

PFIZER

2 doses of vaccine
95% effective
For over age 16



Must be maintained at
temperature of -94°F
(special freezer)



36,000 people participated in
the clinical trials

Both vaccines have been approved for emergency use.
Both are safe and effective!

THE TRUTH ABOUT THE VACCINE

CORRECTING THE MYTHS ABOUT THE COVID-19 VACCINE

Source: CDC, WA DOH



MYTH: The vaccine causes miscarriage or fertility problems.

TRUTH: The vaccine does not affect fertility.

The vaccine promotes the same immune response as a natural COVID-19 infection. If there were more miscarriages or fertility issues, we would have seen them in women who got sick with COVID-19, and we have not. The antibodies formed by the vaccine protect the body, and do not affect fertility.

MYTH: The vaccine changes a person's DNA.



TRUTH: The mRNA of the vaccine does not enter a cell's nucleus, and cannot change anyone's DNA.

The vaccine is made of tiny pieces of genetic code called mRNA, which instruct the body in how to make antibodies against COVID-19. They degrade naturally and disappear after giving their message. They don't enter the nucleus, and don't affect DNA.

MYTH: The vaccine can cause COVID-19.



TRUTH: The vaccine does not contain any virus. It is not possible to get COVID-19 from the vaccine.

The vaccine does have some side effects, such as headache, sore muscles, fatigue, fever, or chills. But these symptoms are not signs of COVID-19, they are signals that the immune system is activating to make antibodies which protect the body.

Symptoms pass in 1-3 days. Sometimes the immune response is stronger after the second dose, and the side effects may be more notable.

MYTH: There have been a lot of allergic reactions to the vaccine.



TRUTH: For every 1 million doses, there have been less than 5 severe allergic reactions.

Severe allergic reactions are very rare and all have recovered with treatment. The vaccine does not contain preservatives, egg, or latex. It doesn't contain fetal cells, stem cells, pork, or mercury. We observe people for 15-30 minutes after their vaccine just in case.

MYTH: I shouldn't get the vaccine if I already had COVID-19.



TRUTH: The vaccine is recommended for everyone, even if you already had COVID-19.

We still don't know how long immunity lasts after a natural COVID-19 infection. The vaccine is very safe and effective and will boost immunity for those who have already had the disease. Therefore we recommend that everyone get the vaccine when they are eligible.

More questions? Talk with your doctor!
The vaccine is safe, effective, and important!

HOW WAS THE COVID-19 VACCINE DEVELOPED SO QUICKLY?

Source: CDC, WA DOH

INVESTIGATION

PROCESS OF VACCINE DEVELOPMENT



We have previously investigated many viruses which are similar to COVID-19, so **scientists had a head start** when they began to study COVID-19.

PRECLINICAL PHASE



Scientists all over the world **collaborated and shared information** to make faster progress. Plus, scientists had been working on making mRNA, or messenger RNA, vaccines for **20 years**. This is the type of vaccine that Moderna and Pfizer have made.

REGULATION AND APPROVAL



Usually, there is a waiting period after turning in an application to the FDA, the organization that approves every new vaccine or medicine. But in this case, the FDA **prioritized the data review for the COVID-19 vaccine**. They reviewed all the data immediately, and approved both vaccines.



Vaccine development is a very expensive process. But in the case of COVID-19, **billions of dollars** were dedicated to the effort.

CLINICAL PHASES



Every clinical phase studies a different aspect of the vaccine. Usually, one phase is completed at a time, and it can take a long time to complete all 3 phases. But with the COVID-19 vaccine, **all three phases were done almost at the same time**. Every safety precaution was still completed in the trials, which included more than 30,000 people for each vaccine.

MANUFACTURING



Vaccine production was started even before the vaccines were approved, in order to have **a supply of vaccine ready as soon as possible**. Lots of resources were dedicated to vaccine production.

VACCINATION AND OBSERVATION



The last step in the process is to **vaccinate the public and continue observing** for side effects. More than 135 million vaccine doses have been given already, with minimal side effects!

A combination of information from previous investigations, collaboration, and financial resources have helped this vaccine be developed faster than any other vaccine so far. But every precaution and step of the normal development process has been completed.

THE VACCINE IS SAFE, EFFECTIVE, AND IMPORTANT!