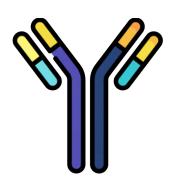


Easy Read Edition

General Vaccine Information What you need to know about vaccines

Words to Know



antibodies

Even tinier parts of your body that help your body fight off germs. Antibodies are not cells.



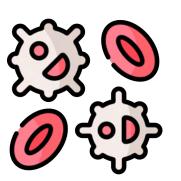
booster

Another shot that reminds your body how to fight a germ.



breakthrough infection

When you get a disease even though you were vaccinated for it.



cells

Tiny parts of your body. Your body is made up of cells.



control group

The people in a vaccine study who get the placebo vaccine.



eradicate

To get rid of something (for example, a disease).



herd immunity

When enough people get vaccinated that a disease can't spread.



immune system

The part of your body that fights germs.



immunocompromised

When someone's body has a very hard time fighting off certain germs.



injectable polio vaccine (IPV)

A polio vaccine invented by Jonas Salk. It is given as a shot.



killed vaccines

Vaccines from tiny pieces taken from the germ that causes the disease.



live attenuated vaccines

Vaccines made from a very weak form of the germ that causes the disease.



misinformation

Bad information.



natural immunity

When you catch a disease. Then, your body learns how to fight that disease from having the disease.



oral polio vaccine (OPV)

A polio vaccine invented by Albert Sabin. It is given by mouth.



paralyzed

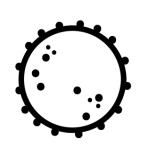
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When someone can't move their body easily or at all. People who are paralyzed might need to use wheelchairs to help them move. They might need help from a machine to breathe.



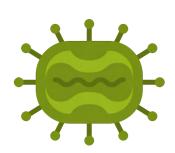
placebo

A fake vaccine.



polio

A very bad disease. Polio can make people very sick. It can leave people paralyzed.



smallpox

A very bad disease. Smallpox could kill people. It could make people very sick. It could make people disabled for the rest of their lives. Smallpox was eradicated. Now, it is like smallpox does not exist.



treatment group

The people in the vaccine study who get the real vaccine.



vaccine

A shot that keeps you from getting sick. Vaccines are also called "immunizations" or "inoculations."



vaccine immunity

When you get a vaccine for a disease.
Then, your body learns how to fight that disease from the vaccine.



variolation

8

When you take some pus from a person sick with smallpox. Then you put it into a cut on a healthy person. This lets the healthy person catch a milder form of smallpox. Variolation was how we protected people from smallpox before we had vaccination.



white blood cells

Cells that help your body fight off germs.



World Health Organization (WHO)

A group that helps fight diseases all around the world.



What are vaccines?

A **vaccine** is a shot.



• There is a shot to keep you from getting the measles.



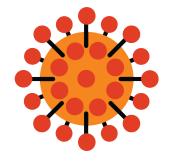
It keeps you from getting sick.



• There is a shot to keep you from getting the flu.



Doctors give people shots to keep us from being sick.



 There is a shot to keep you from getting COVID-19.



• There is a shot to keep you from getting chicken pox.



Vaccines are also called "immunizations" or "inoculations."

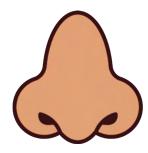
10



Some vaccines are not shots.



Some vaccines are taken by mouth.



Some vaccines are sprays that go up your nose.



But most vaccines are shots.



In this guide, unless we say otherwise, we mean "shots" when we say "vaccines."

What diseases are there vaccines for?



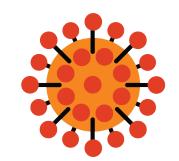


There are vaccines for lots of different diseases.



Some of the diseases most people in the United States get vaccinated for are:





• COVID-19



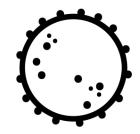
• Flu



Measles



Mumps



• Polio



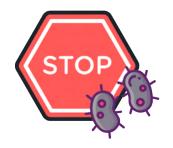
You get different vaccines at different points in your life.



You tend to get more vaccines as a child than as an adult.

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Why do we need vaccines?



Vaccines help stop diseases.



Each vaccine prevents one disease.



(There are some combination vaccines that prevent more than one disease.



A combination vaccine is where you get multiple vaccines in one shot.)



Vaccines keep us safe.



Before we had vaccines, many more people got sick from diseases.



Diseases that vaccines help stop are bad!



A lot more people ended up disabled for their entire lives because of those diseases.



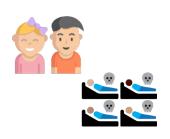
You don't want to get those diseases.



Getting vaccinated for those diseases helps keep you safe.



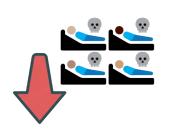
A lot more people died because of those diseases.



Children especially died a lot more often.



Vaccines work better when more people get vaccinated.



Vaccines mean people are less likely to die during childhood.



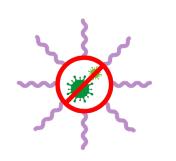
Herd immunity is when enough people get vaccinated that a disease can't spread.



When people get vaccinated for a disease, they usually can no longer catch that disease.



Vaccines save lives!



Then, the disease can't spread because most people can't catch it.

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Herd immunity protects people who can't get vaccinated, such as:



Babies and children who are too young to get vaccinated



• People with certain disabilities



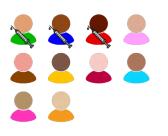
They are protected by the vaccinated people around them.



The number of people that need to get vaccinated in order for herd immunity to work changes.



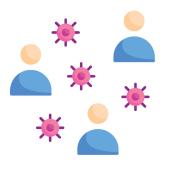
It changes depending on the vaccine and the disease.



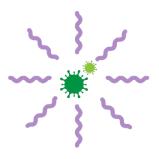
Some diseases only need about 3 in 10 people to be vaccinated.



Other diseases need 9 in 10 people to be vaccinated.



Diseases that need more people to be vaccinated are more contagious.



That means they can spread more easily to people.

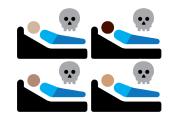
Why should I get vaccinated?



Vaccines lower your chances of getting diseases.



Many of these diseases can make people very sick.



They can even kill people.



Even if you don't get very sick, it is still no fun to be sick.



Vaccines are easier than getting sick.



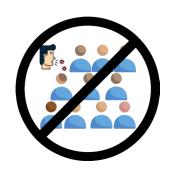
Vaccines protect people around you, even if those people aren't vaccinated.



Vaccines can have side effects, but most side effects are mild and go away in a day or two.



When you are vaccinated for a disease, you usually can't catch that disease anymore.



You usually can't pass that disease along to other people.



That is a lot better than being sick for weeks or even months with a disease you could have gotten vaccinated for.



Young children, older people, and people whose bodies can't fight off diseases especially need your vaccine's protection!



Even if you do get a disease you were vaccinated for, your symptoms will probably be more mild.



Vaccine immunity is better than natural immunity.



Breakthrough infections happen.



Vaccine immunity is where you get a vaccine for a disease.



Breakthrough infections are where you get a disease even though you were vaccinated for it.



Then, your body learns how to fight that disease from the vaccine.



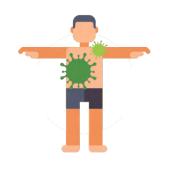
But if you are vaccinated, your breakthrough infection is probably going to be mild.



Natural immunity is where you catch a disease.



You won't get as sick as you would if you hadn't gotten the vaccine.



Then, your body learns how to fight that disease from having the disease.



Vaccine immunity and natural immunity both protect you from the disease.



It is also much harder for your body to develop natural immunity to some diseases.



But natural immunity means getting sick with the disease.



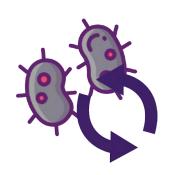
For example, the flu changes a lot every year.



Sometimes, you can get very sick or even die of the disease.



Getting natural immunity is a lot less fun than getting a vaccine.



It changes because the germ that causes it changes a lot.



So if you catch the flu one year, you aren't necessarily protected the next year.



(This is why we get flu shots every year.)



Getting a vaccine, even a yearly vaccine, is easier than getting the flu every year!

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How do vaccines work?



Vaccines work by teaching your immune system to fight germs.



Your **immune system** is a part of your body.



It helps your body fight germs.

31



When you get a germ inside your body, your immune system fights the germ.



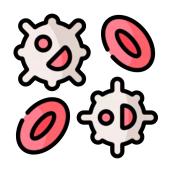
Your immune system makes special cells to fight off germs.



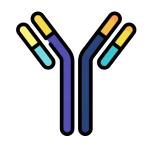
The cells your body makes to fight off germs are called **white blood cells.**



White blood cells help your body fight off germs.



Cells are tiny parts of your body.



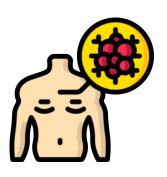
The white blood cells also make antibodies.



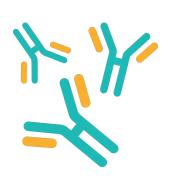
Antibodies are even tinier parts of your body.



Antibodies are not cells.



Your body is made up of cells.



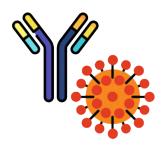
There are different types of antibodies.



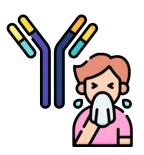
These antibodies fight the flu.



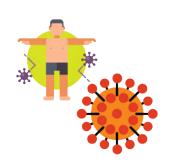
Each different type helps fight one kind of germ.



There are COVID-19 antibodies.



There are flu antibodies.



These antibodies fight COVID-19.



Your body has to learn how to make different types of antibodies.



Vaccines teach your body how to make antibodies and fight.



If you get chicken pox, your body learns how to fight chicken pox.



When you get a vaccine, your body also makes antibodies.



You don't get chicken pox again.

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The vaccine teaches your body how to make antibodies.



Each vaccine is for a specific type of germ.

Who should get vaccines?



Everyone should get vaccines.



After the vaccine, your body has antibodies for that type of germ.



Children need vaccines.



If you catch that germ later on, your body can fight it easier.



Adults need vaccines.



Children usually get a lot more vaccines than adults.



In rare cases, some people may not get some vaccines.



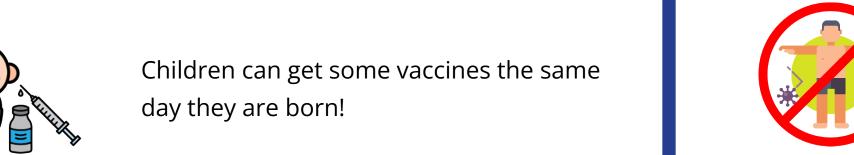
This is because a lot of diseases that vaccines stop are especially bad for children.



If people are **immunocompromised**, they may not get certain vaccines.



And, it's because we want to vaccinate children as soon as it is safe to do so.





Immunocompromised means their body has a very hard time fighting off certain germs.



Or, if people are allergic to certain vaccines, they should not get those vaccines.



Vaccines are very safe

Vaccines are very safe.



But these cases are rare.



Each year, millions of people get vaccinated.

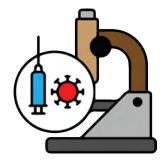


Most people should get all the recommended vaccines for their age group.



Most people experience mild, if any, side effects from vaccination.

Here are some ways we know vaccines are safe:



 Vaccines go through a lot of testing before most people can get them.



We will talk about this testing more in the next section.



 Vaccines have to be approved by the government before most people can get them.



• Vaccines are monitored after they are approved by the government.



Monitored means people look very closely to see if the vaccines work.



People look very closely to see if the vaccines cause bad side effects.



The government collects information on bad side effects the vaccine causes.



 Vaccines contain ingredients that might sound scary.



But the vaccines contain tiny amounts of these ingredients.



And, the ingredients are safe.

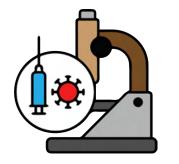


The ingredients in the vaccines can't hurt you.



We will talk more about one ingredient, thimerosal, in a later section.

Vaccine testing



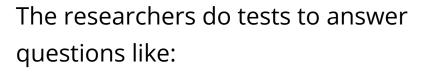
Vaccines have to go through a lot of testing before most people can get them.



If a vaccine doesn't pass this testing, people don't get the vaccine.



Before a vaccine is tested in humans, it needs to be tested in animals.





Researchers give the vaccine to an animal that is similar to humans.



• Does the vaccine cause the animals to make antibodies?



For example, monkeys or pigs.



• Does the vaccine hurt the animals?



Then, the researchers do tests on the animals.



• Does the vaccine protect the animals from the disease?



If the vaccine gets through animal studies, it goes into human studies.

In Phase I, researchers give the vaccine to about 20-100 human volunteers.

There are three phases in human studies:



Then the researchers ask questions like:

• Phase I.



• Is the vaccine safe?



• Phase II.



• Can the vaccine reach the immune system?



• Can the vaccine protect people against the disease it is supposed to?



• Phase III.



• Are there any serious side effects?



In Phase II, researchers give the vaccine to several hundred human volunteers.

2

In Phase II, some of the human volunteers get a **placebo** vaccine.





 Can the vaccine protect people against the disease it is supposed to?



 What is a good dose of the vaccine to give to people?



What are the most common side effects?



 How do the volunteers' immune systems react to the vaccine?



A placebo vaccine is a fake vaccine.



It cannot protect you against the disease.



The people who get the placebo are still told they got the vaccine.

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The people who get the placebo are in the **control group**.



All people think they got the vaccine, so they will all act as if they got the vaccine.



The people who get the actual vaccine are the **treatment group**.



But the control group will still be able to get the disease.



The point of a control group is to make sure the vaccine works.



So, if fewer people from the treatment group get sick than from the control group, the researchers will know the vaccine worked.



In Phase III, the researchers give the vaccine to 300 to 3,000 human volunteers.



 What side effects does the vaccine have?

Then the researchers ask questions like:



 Can the vaccine protect people against the disease it is supposed to?



 How do the treatment group and control group compare?



• Is the vaccine safe?



 What is a good dose of the vaccine to give to people?



 What are the possible benefits of the vaccine? What are the possible risks of the vaccine?



 How does the vaccine compare to vaccines that already exist?



Phase III tests also use a placebo vaccine and control groups.

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Once a vaccine goes through all the phases of testing, it has to be approved by the government.



In the United States, the government agency that approves vaccines is the Food and Drug Administration (FDA).



Then, more people can get the vaccine.

58

I heard there's mercury in some vaccines. Is that safe?



Mercury is a metal.



It can make you very sick if you are exposed to certain types of it.



Most vaccines do not contain any types of mercury.



Some flu vaccines contain very small amounts of thimerosal, a type of mercury.



Thimerosal is not the type of mercury that can hurt you.



And, there is very, very little thimerosal in the flu vaccines that contain it.



You are exposed to much more mercury by eating foods like fish.

Can vaccines cause diseases?



Vaccines almost never cause the disease they are trying to prevent.



There are two kinds of vaccination: killed vaccines and live attenuated vaccines.



Killed vaccines are made from tiny pieces taken from the germ that causes the disease.



Live attenuated vaccines are made from a very weak form of the germ that causes the disease.



You cannot get sick from a killed vaccine.



It is possible to get sick from a live attenuated vaccine, but it is very, very unlikely.



If you do get sick from a live attenuated vaccine, you will usually have a much milder form of the disease.

I felt sick after getting a vaccine. Is that normal?



It is normal to feel a little sick after you get a vaccine.



Common side effects of getting vaccinated are:



• On the arm where you got the shot



• Pain



Redness



Swelling



• Throughout your body



Fever



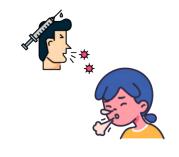
Tiredness



Nausea



Headache



Most vaccine side effects are very mild.



Muscle pain



Most side effects go away in a day or two.



Chills



Talk to your doctor if you have side effects you are worried about.



There are more serious side effects, but these side effects are very rare.

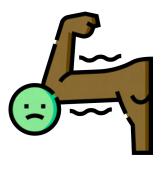


But Guillain-Barré syndrome is very, very rare.





Guillain-Barré syndrome is a serious side effect of flu vaccination.



Guillain-Barré syndrome can cause muscle weakness.



It can cause people to not be able to move their limbs.



Guillain-Barré syndrome only happens in about 2 cases per 1 million people vaccinated for flu.



You are more likely to get Guillain-Barré syndrome from the flu than from a vaccine!

67

I haven't heard of some of the diseases we have vaccines for. Do I still need to get vaccinated?



The diseases are rare because of vaccines.



Yes.



You might not have heard of diseases we have vaccines for.

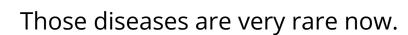


diseases.

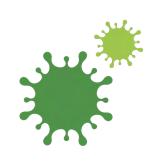
Most people get vaccinated for the



Now, hardly anyone gets sick with the diseases.







There are some diseases that are coming back now.



Vaccines are safe.



This is because people aren't getting vaccinated as much.



But people who say vaccines are dangerous have told a lot of people not to get vaccinated.



This is because some people say that vaccines are dangerous.



This isn't okay!



These people are **wrong.**



For example, measles was almost completely wiped out in the United States in 2000.



This is a bad thing!



But now, fewer people are getting vaccinated for measles.



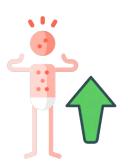
We want measles to go away forever.



Now, measles is coming back.



The only way we will do that is by vaccinating people for measles.



There are more cases of measles now than there were in 2000.

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Why do some vaccines need more than one shot?



There are many different types of vaccines.



Each vaccine protects against one type of germ.



Some vaccines need 2 or more shots to work well.



If you only get one of these shots, the vaccine won't work as well.

Here are some vaccines that need more than one shot to work correctly:



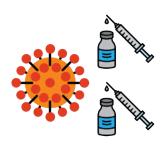
The pneumonia vaccine needs 4 shots



• The measles vaccine needs 2 shots



The chickenpox vaccine needs 2 shots



Some COVID-19 vaccines need 2 shots.



• The HPV vaccine needs 3 shots. HPV is a germ that can cause cancer.



You might not remember getting a lot of these vaccines.



You usually don't get as many vaccines as an adult.



People usually get these vaccines when they are children.



It is okay not to remember what vaccines you got as a child.



You usually get a lot of vaccines as a child.



Just know that a lot of vaccines need 2 or more shots to work best.

What are boosters? Why do some vaccines need them?



Vaccines teach your body how to fight a germ.



They are very good at teaching your body to fight that germ.



But sometimes your body starts to forget after a while.



When that happens, it helps to get a reminder.



A **booster** is like a reminder for your body.



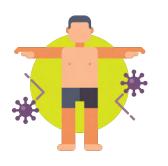
A booster is another shot.



It is more vaccine for the same germ as before.



It reminds your body how to recognize that germ.



It reminds your body how to stop that germ.



With some vaccines, your body forgets how to fight off the germ after a while.



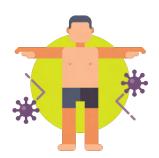
That is okay.



It is natural.



We don't know how to make vaccines that last forever.



But we know that boosters can help remind your body how to fight a germ.

I am an adult. What vaccines do I need?



You need a flu shot every year. This will help protect you from the flu.



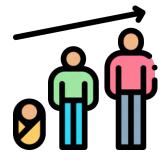
You should get vaccinated for COVID-19 and get a booster.



Talk to your doctor about what other vaccines you need.



Different adults need different vaccines.



What vaccines you need depends on your age.



It depends on what vaccines you got as a child.



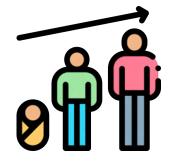
It depends on if you have certain disabilities or illnesses.



You can also fill out the Adult Vaccine Quiz.



That is a tool that asks you questions about yourself.



It asks how old you are.



It asks if you have had certain vaccines.



It asks if you have certain disabilities or illnesses.



Then, it gives you a list of vaccines you might need to get.



You can take that list of vaccines to your doctor.

I didn't get vaccinated as a child. What should I do?



Talk to your doctor.



Your doctor will tell you which vaccines you should get.

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Your doctor may want to do a blood test.



If you have immunity to a disease already, you may not need to be vaccinated for that disease.



The blood test will tell them whether you have immunity to different diseases.



You can get most childhood vaccines if you are an adult and did not get them as a child.



You can get immunity to a disease from:



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Your doctor will be able to tell you more about which vaccines you need and when.

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• Getting vaccinated for that disease.

Vaccine misinformation



There is a lot of bad information about vaccines on the Internet.



Bad information is also called **misinformation**.

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It can be hard to tell if information is good or bad.



Sometimes, people lie about vaccines.



People might lie about vaccines because it gets them attention or money.



Or they might lie because they heard the lie from a source they trust.



Or they might lie because the misinformation confirms what they already think.



Not everyone who lies about vaccines is doing it on purpose.

Here are some questions you can ask yourself if you're trying to figure out if a piece of information about vaccines is misinformation:



 Where does this information come from?



Does it come from a source I can trust, like a doctor?



 When you look at information online, look at the website it comes from.



Websites ending in .gov are government websites.



Websites ending in .edu are websites from colleges and universities.



These are usually good websites to get vaccine information from.



Websites ending in .org or .com can also be good.



But you should look at these websites a little closer.

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• Who wrote this information?



• Is the website trying to sell me something?



Was it a doctor or another health care provider?



 Be careful if the website is advertising something you can buy.



 Good vaccine information should be written by someone who knows a lot about vaccines.



Some websites with vaccine misinformation try to sell you "alternatives" to vaccines.



Websites with good vaccine information should tell you who wrote the information on their website.



These alternatives are fake.

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They do not work.



What is the original source of the information?



They cannot protect you from disease.



 Vaccine information online usually comes from another source.



If a website is trying to sell you something, look out for vaccine misinformation.



These sources can be things like research studies or books.



Or, a website might quote a doctor or other health care professional that the website interviewed.



When was the information published?



The information on the website shouldn't be more than a few years old.



Information about vaccines can change quickly.



Look for words like "last updated," "last reviewed," or "last published" on the website.



This is because we are always learning more about how vaccines work.



Those words should show up next to a date that tells you how old the information was.

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So, you want to make sure that the vaccine information you are looking at is pretty current.

Vaccines do not cause autism.



Vaccines **do not** cause autism.



People who say vaccines cause autism are lying.



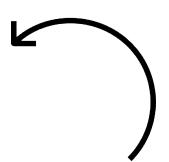
There was one study that said vaccines cause autism.



That was a lie.



This study was made up.



The study was retracted.



"Retracted" means the journal who published the study said it was wrong.



We have many studies showing that vaccines do not cause autism.

We know vaccines do not cause autism.



The main author of the study lost his medical license.



One study looked at over 650,000 children.



That means he is no longer a doctor.



That study showed that there is no link between vaccines and autism.

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Many autistic children start showing autistic traits around the time they get vaccinated.



Later, when he is out riding his bike, he crashes.



But just because two things happen around the same time does not mean one thing causes the other.



John thinks "I crashed my bike because I skipped drinking milk with breakfast."





But just because the two things happened close together does not mean one caused the other.

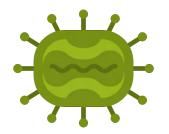


One morning, John decides to skip drinking a glass of milk with breakfast.

Two vaccine success stories: Smallpox and Polio



Before we had the smallpox vaccine, people tried **variolation**.



Smallpox

Smallpox was a very bad disease.



It killed many people.



It made people very sick.



It could make people disabled for the rest of their lives.



Smallpox was the first disease we made a vaccine for.



Smallpox causes pus-filled sores on people's bodies.



Variolation is when you take some pus from a person sick with smallpox.



Then you put it into a cut on a healthy person.



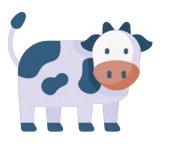
This lets the healthy person catch a milder form of smallpox.



In the 1770s, a man named Edward Jenner noticed that women who milked cows did not get smallpox.



Variolation probably started in Asia or Africa.



The women told him it was because they got cowpox from the cows.



We know that people used variolation in China, India, Egypt, Turkey, and West Africa.

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Cowpox is a similar disease to smallpox, but much milder.



The women told Edward Jenner that getting cowpox protected them from getting smallpox.



Edward Jenner tried an experiment.



But the variolation did not work.



He took cowpox pus from a sore of someone sick with cowpox.



The person did not get smallpox.



Then, he put the pus in a cut on a healthy person.



The person was protected from smallpox because they had gotten cowpox.



Next, he variolated the person to try and give them smallpox.



Edward Jenner had done the first vaccination.



Smallpox vaccination spread around the world.



In 1950, the **World Health Organization (WHO)** said they wanted to eradicate, or get rid of, smallpox completely.



The vaccine changed over time.



The WHO is a group that helps fight diseases all around the world.



It changed into a shot with a standard dose, just like vaccinations today.



The WHO worked all over the world to get people vaccinated for smallpox.



It took about 20 years but the world worked together to eradicate smallpox.



Did you know?



That means nobody gets smallpox anymore.



The word "vaccination" comes from "vacca," which is Latin for "cow."

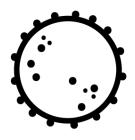


It is like the disease does not exist.

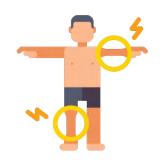


This is because the first smallpox vaccine used pus from cowpox sores.

Polio



Polio is a very bad disease.



Paralyzed means they can't move their bodies easily or at all.



It can make people very sick.



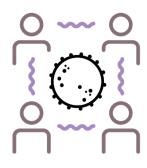
People who were paralyzed by polio might need to use wheelchairs to help them move.



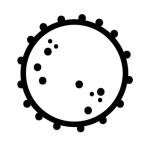
Some people who get polio are **paralyzed** by polio.



They might need help from a machine to breathe.



Polio spreads very quickly between people.



In the 1950s, there were many, many cases of polio in the world.



There is no cure for polio.

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But there was no polio vaccine.



Two different researchers invented different polio vaccines.



So, the best thing to do is vaccinate people against polio.



One researcher was named Jonas Salk.



The other researcher was named Albert Sabin.



Jonas Salk's polio vaccine was tested in the United States.



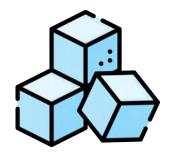
Albert Sabin's polio vaccine was tested in the Soviet Union.



The Salk vaccine is given by giving someone a shot.



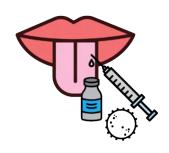
The Sabin vaccine is given by mouth.



Often, it is given on a sugar cube for someone to eat.



It is also called the **injectable polio** vaccine (IPV).



The Sabin vaccine is also called the **oral polio vaccine (OPV).**

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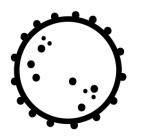
The IPV and the OPV are both still used in polio vaccination today.



Since the 1950s, polio vaccination has spread around the world.



Today, the Americas, Europe, and parts of Asia have eradicated polio.



We are still working on eradicating polio in other parts of the world.

To Learn More



NOTE: Many of these resources are made for parents whose children are getting vaccinated.



All the information in them applies to adult vaccines as well.

New Jersey Southern Regional
Governmental Public Health
Partnership: The Truth About
Vaccines: Protecting Your Child
Against Serious Disease: https://
www.nj.gov/health/lh/documents/
vaccine_myth_brochure.pdf

- Centers for Disease Control and Prevention (CDC): Common Questions About Vaccines: https://www.cdc.gov/vaccines/parents/FAQs.
 httml
- American Academy of Pediatrics
 (AAP): Countering Vaccine
 Hesitancy: https://publications.
 aap.org/pediatrics/article/138/3/
 e20162146/52702/Countering Vaccine-Hesitancy
- The College of Physicians of Philadelphia: History of Vaccines: https://historyofvaccines.org/
- CDC: Autism and Vaccines: https://www.cdc.gov/vaccinesafety/concerns/autism.html

 Annals of Internal Medicine: Measles, Mumps, Rubella Vaccination and Autism: A Nationwide Cohort Study: https://www.acpjournals.org/ doi/10.7326/M18-2101 (This study looked at over 650,000 children. It found no link between autism and vaccines.)

GSK: Clinical trial phases: https://www.gsk.com/en-gb/research-and-development/trials-in-people/clinical-trial-phases/

Food and Drug Administration (FDA):
 The Drug Development Process: Step
 3: Clinical Research: https://www.
 fda.gov/patients/drug-development-process/step-3-clinical-research

 Sabin Vaccine Institute: Intro to Vaccine R&D – Pre-Clinical Studies: https://www.sabin.org/updates/blog/ intro-vaccine-rd-%E2%80%93-preclinical-studies

 CDC: The Journey of Your Child's Vaccine: https://www.cdc.gov/vaccines/parents/infographics/journey-of-child-vaccine.html

MedlinePlus: Vaccines
 (immunizations): https://medlineplus.gov/ency/article/002024.htm

 CDC: Vaccine Schedule (for children): https://www.cdc.gov/vaccines/ parents/schedules/index.html CDC: The Adult Vaccine Assessment Tool: https://www2.cdc.gov/nip/ adultimmsched/

 CDC: There Are Vaccines You Need as an Adult: https://www.cdc.gov/ vaccines/adults/index.html

 CDC: 3 Important Reasons For Adults to Get Vaccinated: https://www.cdc. gov/vaccines/hcp/adults/downloads/ fs-three-reasons.pdf

CDC: Finding Credible Vaccine
 Information: https://www.cdc.gov/vaccines/vac-gen/evalwebs.htm

 CDC: The Journey of Your Child's Vaccine: https://www.cdc.gov/vaccines/parents/infographics/journey-of-child-vaccine.html

Vaccine Information You
 Need: Evaluating Online
 Health Information: https://vaccineinformation.org/internet-immunization-info/

Vaccine Information You
 Need: Trusted Sources of
 Vaccine Information: https://vaccineinformation.org/trusted-sources/

UCSF Health: Evaluating Health
 Information: https://www.ucsfhealth.

 org/education/evaluating-health information

The Arc of King County:
 Misinformation about COVID-19: A
 Plain Language Guide: https://www.
 youtube.com/watch?v=Yh9DIXA2pso
 (This video is about COVID-19
 misinformation. But a lot of the
 information in it can apply to other
 diseases and vaccines, too.)