



## Vaccines

June 2, 2021

### Bottomline

- The vaccine seems to reduce your symptoms
- The vaccine does not keep you from getting the disease
- The vaccine does not keep you from spreading the disease
- There is no data as to how long the vaccine works
- **Over 5,165** people have died from the Moderna or Pfizer vaccine as of May 21, 2021 - [Link to searchable database](#)
- Scientist are watching for [antibody dependent enhancement \(ADE\)](#) – ADE is where a vaccinated people is exposed to the disease and develops a fatal immune response called a “cytokine storm. There have been no cases of that so far.

### Vaccines Overall

Most vaccines like polio or measles, inject a dead or weakened virus into the patient, thereby exposing our immune system to the viral protein to induce an immune response.

### What is a mRNA vaccine (what covid vaccine is)

Messenger RNA or mRNA vaccines work a different way. “It is a genetic code, basically, that is sort of ready and in someone's body to make protein,” Dr. Spearman, an Infectious Disease expert from Cincinnati Children’s hospital said in the case of these vaccines, the mRNA has the blueprints for a protein of the coronavirus. “The immune system sees it as if the person had been infected, but it's just that one little piece,” Dr. Spearman said. “So the immune system reacts to it in a very desirable way.”

### Does the vaccine keep me from getting Covid? – As of now the answer is NO

- From the FDA - [FDA Document](#) - The Pfizer-BioNTech COVID-19 Vaccine is an unapproved vaccine that **may** prevent COVID-19.
- From Fauci - Fauci explained that reducing symptoms of COVID-19 was the “primary endpoint” of the vaccines. Fauci said that getting rid of the virus through **immunity was only a “secondary endpoint.”** [Click Here](#)
- WHO's chief scientist, Dr. Soumya Swaminathan, noted on the call that the agency had not established whether the COVID-19 vaccines being administered across the US and in Europe prevented people from getting the virus and passing it to others. "At the moment **I don't believe we have the evidence of any of the vaccines to be confident that it's going to prevent people from actually getting the infection and therefore being able to pass it on,**" [Video of Call](#) or [Link to story](#)
- Experts say **people can still spread and even develop COVID-19 after getting a vaccine.** They add the vaccine doesn't prevent coronavirus infection. It helps protect against serious illnesses. [Click Here](#)

### Can you still spread it to others? – As of now the answer is YES

- “We don't know if they prevent transmission,” said both Dr. Beyrer (an Infectious Disease expert) and Dr. William Moss, (a vaccines expert) from Johns Hopkins University. [Click Here](#)
- A COVID-19 vaccine **might prevent** you from getting COVID-19. Mayo Clinic [Click Here](#)
- So far, what is known about the Pfizer and Moderna vaccines is that they prevent people from getting very sick with the virus, **but it may not prevent someone from becoming infected with COVID-19.** [Click Here](#)
- While it is hoped this will be the case, the scientific community does not yet know if the Pfizer-BioNTech COVID-19 vaccine will reduce such transmission. FDA - [Click Here](#)



## Vaccines

### **How effective is the vaccine? How did they calculate that?**

The FDA reports that both the Moderna mRNA and Pfizer vaccines are 94.5 % effective in protecting people from being infected with COVID-19.

However, that is a misleading statistic.

#### **Moderna**

The Moderna study compared

- a group of 13,934 persons who received the Moderna vaccine
- a group of 13,883 people who received a placebo.

The study found that

- 5 persons in the group who received the vaccine were diagnosed with a COVID-19
- 90 persons in the placebo group were diagnosed with COVID-19.

This means the infection rates was

- .036% for the vaccine group (2/13934)
- .648% for the placebo group (90/13883)

That means that the rate of those who were infected by COVID-19 after receiving the vaccine was reduced by .6124% (.6483% – .0359% = .6124%). Out of a group of 10,000 people who are vaccinated there will be approximately sixty-one (61) fewer illnesses from COVID-19 than a group of 10,000 who are not vaccinated.

However, the vaccine maker is claiming 94.5% efficacy  $(1 - (.0359\%)/(.6483\%))$ . This makes one believe that out of 10,000 who take it 9,450 will not get it and 550 will. Versus 10,000 out of 10,000 who don't take it. A huge difference.

#### **Pfizer**

The numbers for the Pfizer trial are similar

- 18,198 received the vaccine and
- 18,325 received saline placebo.

The case counts were

- 8 COVID-19 cases in the vaccine group (1 serious) and
- 162 COVID-19 cases in the placebo group (3 serious)

This means the infection rates was

- .04% for the vaccine group (2/13934)
- .88% for the placebo group (90/13883)

### **How long does immunity conferred by the vaccine last?**

The real answer is we just don't know. The vaccines are too new. However, some scientists say it will be limited.

- It is very likely that for the COVID-19 vaccine, given that the length of immunity the vaccine generates is limited, we may have to be vaccinated annually," [Chunhuei Chi, MPH](#), director of the Center for Global Health at Oregon State University's College of Public Health and Human Sciences.



## Vaccines

### How long is natural immunity if you have had it?

Having the infection activates both antibodies as well as memory B- and T-cells, which teach your immune system to recognize the same virus in the future to swiftly eradicate it. Scientists don't know for sure yet because the disease is relatively new however, natural immunity after covid-19 infection appears to last for at least the one year in which the virus has been circulating at large.

- A [study](#) shows robust immunity among health care workers from COVID reinfection six months after infection
- Even mild infections appear to [elicit](#) a persistent and functional immune response. One recent European [study](#) found that people who had mild or asymptomatic covid-19 mounted a “robust T-cell immunity” afterward.

In addition, scientists have extrapolated from research on the SARS and MERS coronaviruses (similar to Covid) that it could be much longer.

- A [study](#) of 176 people infected with SARS, immunity lasted for an average of two years.
- A long-term analysis of health-care workers previously infected with SARS [found](#) antibodies up to 12 years later.
- Protective antibodies for the MERS coronavirus have similarly been [documented](#) to last for at least three years.
- And while the 1918 pandemic was caused by an influenza virus, the immune systems of those infected were able to make antibodies to the virus nearly nine decades later, a 2008 [Nature study](#) found.
- A separate French [study](#) affirmed this, noting that some people who lived with a confirmed covid-infected person developed T-cell immunity even when they did not test positive for covid. The article goes even further to openly admit what many have noticed since March: “Many medical experts have been dismissive of natural immunity due to prior infection, but there is overwhelming data showing that covid-19 reinfections are [rare](#), and when they do occur, the infection is often mild.”

### Can you get reinfected with Covid 19?

Reinfections with Covid 19 can happen but to date are very, very rare.

- A [study](#) published on January 19, 2021 of 11 000 healthcare workers who had proved evidence of infection during the first wave of the pandemic in the UK between March and April 2020, none had symptomatic reinfection in the second wave of the virus between October and November 2020.
- A headline on the [CDC website](#) updated on October 20, 2020 state “Cases of reinfection with COVID-19 have been reported, but remain rare.”
- The *BNO News* is an international news agency headquartered in Tilburg, the Netherlands has an [updated tracker](#) that shows confirmed cases of COVID-19 reinfection. The first confirmed case of reinfection was reported in Hong Kong in late August, and as of Feb 9, 2021 shows only 49 confirmed cases of reinfection worldwide

### Other facts on the vaccines

- Each dose of Pfizer's contains 30 micrograms of vaccine. Moderna went with a much larger dose of vaccine, 100 micrograms. It means it is using a little more than three times as much vaccine per person as Pfizer is. And yet, they aren't getting better results.
- Pfizer's **must be shipped and stored at -94 Fahrenheit** which requires special ultra-cold freezers that need to be topped up with dry ice every five days.
- After thawing, a vial of the Pfizer vaccine must be used within five days; Moderna's is stable at fridge temperature for 30 days and **at room temperature for 12 hours**.



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## Vaccines

### Has the Vaccine caused death in anyone?

Most vaccines have to undergo rigorous trials and have a long term (5+ year) study on how they affect people. The current mRNA vaccines did not have to do that. They both have been given “emergency” status and a being used without any reliable medical studies.

This is why there is such a spike in adverse incidents being reported to the medical community. The media won’t cover it and they are claiming that “there have been no deaths or incidence proven to be due to the vaccine” However, there is a U.S. Government funded database that tracks injuries and deaths caused by vaccines. It is called the **Vaccine Adverse Event Reporting System (VAERS)**. This is not an anti-vaxxer site or a conspiracy made up on the internet.

The data can be accessed here - [Link to searchable database](#)

- a) To get the numbers click COVID 19 under vaccine and DEATHS under Event Characteristics. The database now goes through May 21, 2021.
- b) It will then give you the total numbers and allow you to pull up the individual reports so that you can see what happened yourself

### *So what does the data actually show?*

- a) In just the 5 months since the FDA gave emergency use authorization (EUA) for COVID-19 injections to be used in the US there have been **5,165 deaths, 3,994 permanent disabilities, 16,897 hospitalizations and 39,078 visits to Emergency Room.**
- b) Now I will stipulate that not every one of those deaths should be blamed on the vaccine. Some are suicide, etc. However, the numbers are reported using the same rules that they use for Covid deaths (over 7,000 Covid death were suicides, over 5,000 were from car crashes, etc)

### *How does this compare to other vaccines?*

- a) I ran a screen for all Vaccine deaths since **January 1, 2010**. So just over 10 years.
- b) It reported 7,219 deaths due to a vaccine.
- c) If you take out the 5,165 Covid deaths you get 2,054 deaths from all other vaccines in the past 10 years.
- d) So the Covid vaccines have **caused 2.5x more deaths** than every other vaccine combined has caused in the past 10 years.

### *What about outside the US?*

- e) In Europe, there is a website that was launched by the [European Medicines Agency](#) in 2012 **to provide public access to reports of suspected side effects** (also known as suspected adverse drug reactions). These reports are submitted electronically to [EudraVigilance](#) by national medicines regulatory authorities and by pharmaceutical companies that hold marketing authorizations (licenses) for the medicines.
- f) The data base is not as user friendly as the US one, but you can access it and get the data you need.
- g) This database reports that through March 13, 2021 the have been **3,964 deaths and 162,610 injuries** following injections of one of the three COVID-19 vaccinations:
- h) **The data also shows that:**
  - i) women are 3x more likely to have adverse effect from the shots.
  - ii) That people 18-45 are 3x more likely to have adverse effect from the shots

Between the two databases you have approximately 9,000 deaths and hundreds of thousands of injuries.

### *Examples*

- Vaccine administered with no immediate adverse reaction at 11:29am. Vaccine screening questions were completed and resident was not feeling sick and temperature was 98F. At approximately 1:30pm the resident passed away.
- Resident in our long term care facility who received first dose of Moderna COVID-19 Vaccine on 12/22/2020, only documented side effect was mild fatigue after receiving. She passed away on 12/27/2020 of natural causes



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per report. Has previously been in & out of hospice care, resided in nursing home for 9+ years, elderly with dementia. Due to proximity of vaccination we felt we should report the death, even though it is not believed to be related.

- Injection given on 12/28/20 - no adverse events and no issues yesterday; Death today, 12/30/20, approx.. 2am today (unknown if related - Administrator marked as natural causes).
- Pt was a nursing home pt. pt received first dose of covid vaccine. pt was monitored for 15 minutes after getting shot. staff reported that pt was 15 days post covid. Pt passed away within 90 minutes of getting vaccine.

### What are the CDC death rates for the disease?

- 0-19: 99.9994% (6 deaths per 1,000,000) – Normal yearly death rate for people this age is 58 / 100,000.
  - 20-49: 99.98% (20 deaths per 100,000) - Normal yearly death rate for people this age is 225 / 100,000.
  - 50-69: 99.5% (500 deaths per 100,000) – Normal yearly death rate for people this age is 1,500 / 100,000.
  - 70+: 94.6% (5,400 deaths per 100,000) – Normal yearly death rate for people this age is 8,000 / 100,000.
- Furthermore, 98.8 % of those who die from Covid have serious underlying conditions
    - Diabetes, Obesity, Heart Disease, Hypertension, Lung Disease, Cancer, etc
    - 80%+ of those hospitalized have been obese.
    - Of those who died who did not have a preexisting condition 80%+ were over 50.
  - Less than 240 kids (18-21) died from Covid last year.
    - This compares (2019 stats) to 233 (poison), 458 (Flu), 722 (drowned), 1,646 (suicide) & 1,919 (crashes).
    - Furthermore, 1,825 college students (nearly 9x more) die from injuries sustained by excessive alcohol consumption.
    - Less than 10 of those who died had no serious underlying condition.
    - Note this total of 240 includes numerous non Covid deaths as the CDC calls it a COVID death if you had or they believe you had COVID within 90 days of your death.
  - So the real story is that
    - for people under 69 the survival rate is 99.5% or greater.
    - For people under 69 without a serious underlying conditions the survival rate is 99.9%+.
    - For people under 24 without a serious underlying condition the survival rate is 99.999%+ or less than a 1 in 100,000 chance of death.
      - College students are 2x more likely to die from the flu, 8x from suicide, 9x from alcohol, and 9x from auto crashes.

### Do scientist have other concerns? What is antibody dependent enhancement (ADE)?

COVID-19 is in the family of Coronavirus that causes the common cold. The pharmaceutical industry has been trying without success for the last two decades to make a vaccine against the common cold. A safe vaccine against the common cold would make some company a lot of money.

One problem in the animal studies on coronavirus family vaccines was “[antibody dependent enhancement \(ADE\)](#)” When animals were inoculated, they developed a robust immune response, which is a good result.

However, when the animals were later exposed to the coronavirus against which they were vaccinated, their immune system went into overdrive, **and they developed an overwhelming, fatal immune response called a “cytokine storm.”** A significant percentage of the animals in this trail died from ADE.



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Human responses do not always correlate to animal responses. **So far, there have been no signs that humans have a cytokine storm when exposed to COVID-19 after receiving the vaccine.** Obviously, this would be catastrophic for any vaccine.

Scientists have also been watching for vaccine-associated enhanced respiratory disease (ERD) as noted in this [article](#). Again, there have been no issues so far but more time / data are needed to ensure there will be no wide spread problems. Scientists did see this happen in 2016 with a dengue virus vaccine, where 14 children who were vaccinated died due to ADE after encountering dengue virus in the community.

### Are there other ways to show improvement?

There isn't enough data to recommend use of vitamin D to prevent infection with the virus that causes COVID-19 or to treat COVID-19, according to the National Institutes of Health and the World Health Organization. However, several studies show low vitamin D levels are associated with an increase in cases and worse outcomes.

- In one [study](#) carried out in Spain, researchers gave calcifediol, an active form of vitamin D, to 50 people hospitalized with COVID-19. Another group of 26 patients didn't receive vitamin D. Only one of the patients treated with vitamin D ended up in the intensive care unit, while half of the untreated patients did.
- Another study noted that Vitamin D deficient patients (< 25 ng/mL) are 5.84 times more likely to die from COVID-19 compared to the vitamin D sufficient people ([Click Here](#))
- If you're Vitamin D deficient, you have a 54% higher risk of acquiring this infection compared to people who were Vitamin D sufficient [Click Here](#)
- A recent report showed the 84% of people hospitalized for Covid and low Vitamin D levels.



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
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
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