

# COVID-19 Vaccine

It's normal to have questions.

How was it developed so fast?

Coronavirus vaccines had been in development for decades. Collaborations and significant resources helped accelerate the timeline. No safety protocols were skipped in the process.

I've already had COVID-19. Do I need it?

Yes. Vaccination provides a boost to your immune system, which will help protect you from reinfection. Unvaccinated people are 2x more likely to be reinfected with COVID-19 compared to those vaccinated.

What about the long-term effects?

There is no licensed vaccine in U.S. history that has shown side effects past 6 months. We have over 6 months of data for the vaccines with no indication of long-term side effects. COVID-19, however, *can* have long-term effects.

## But what about...

Fertility


There is no evidence that the vaccines cause infertility or fertility issues. The COVID-19 vaccine is the most scrutinized vaccine in history, involving more study participants than most other vaccines.

Heart Issues

You're more likely to experience myocarditis (heart inflammation) from COVID-19 than from the vaccine. Myocarditis is a **very rare** side effect from the vaccine that is usually mild and treatable.

DNA

The vaccine is not capable of changing your DNA. mRNA sounds like DNA but it's not the same. The vaccine only stays in your body for a few hours.



When you're ready,  
text **GETVAX** to  
**438829** to find a clinic  
near you.

**There's a lot of information out there.**

And it's hard to know what's true.

Have more questions or want to talk it out with a human?  
Contact NDSU Center for Immunization Research & Education  
at [murphy.anderson.1@ndsu.edu](mailto:murphy.anderson.1@ndsu.edu).