

COVID-19 VACCINES

MYTHS vs. **FACTS**

Myth

COVID-19 vaccines are not safe.

Fact

All of the available vaccines have been proven to be safe and effective. Safety has been a top priority in the development, approval, and production of these vaccines.

Myth

COVID-19 vaccines were developed too quickly, and the process was rushed.

Fact

The COVID-19 vaccine clinical trials were rigorous and thorough. No shortcuts were taken in the development of these vaccines. Development of the COVID-19 vaccines was quicker than previous vaccines due to efforts to run different clinical trial phases at the same time as well as widespread commitment to minimize or eliminate waiting periods before documentation produced from trials was reviewed.

Myth

COVID-19 vaccination will give me COVID-19.

Fact

The currently available COVID-19 vaccines in the U.S. do not use the live virus in their formulation. The Pfizer, Moderna, and Johnson & Johnson vaccines are designed to provide protection against COVID-19 without SARS-CoV-2 infection.

Myth

COVID-19 vaccines from Pfizer and Moderna that use mRNA will alter my DNA.

Fact

mRNA is not able to change an individual's DNA. Rather, the mRNA in these vaccines provides your body a recipe for making the SARS-CoV-2 spike protein. This allows your body to show this protein to your immune system so that it is ready to prevent infection if you do encounter the COVID-19 virus.

Myth

COVID-19 vaccines were developed using fetal tissue.

Fact

None of the COVID-19 vaccines used fetal tissue in their development or production.

Myth

COVID-19 vaccination is a way to track and control the general public via microchipping.

Fact

There is no "microchip" in any of the COVID-19 vaccines. These vaccines were developed to promote public health and protect individuals from contracting SARS-CoV-2 infection. The vaccines will not track people who get it nor gather personal information about you.



AMERICAN
SOCIETY FOR
MICROBIOLOGY



LOOKING FOR MORE INFORMATION? CHECK OUT THESE RESOURCES

U.S. Centers for Disease Control and Prevention | <https://www.cdc.gov/vaccines/covid-19>
U.S. Food and Drug Administration | <https://www.fda.gov/consumers/consumer-updates/learn-more-about-covid-19-vaccines-fda>
American Society for Microbiology | <https://asm.org/Articles/2020/December/COVID-19-Vaccine-FAQs>

