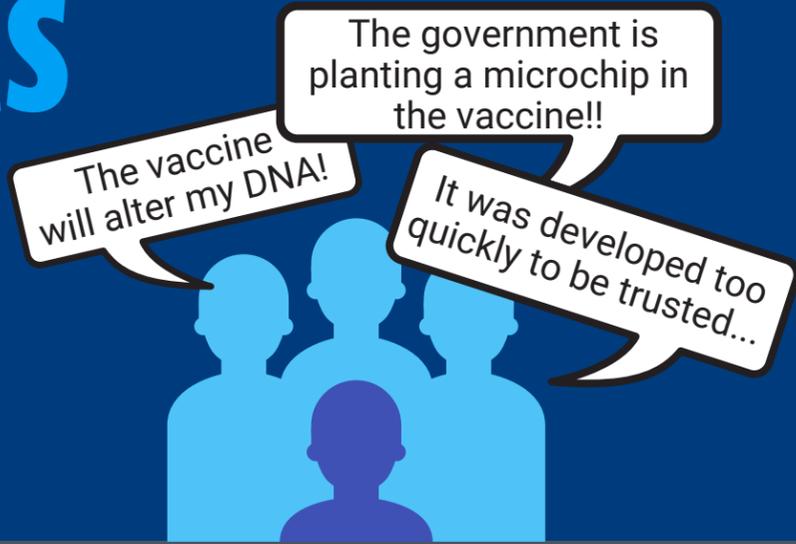


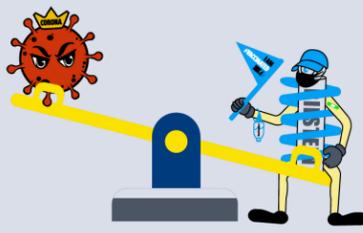
mRNA MYTHBUSTERS

Messenger RNA vaccines—also called mRNA vaccines—are some of the first COVID-19 vaccines authorized for use in the United States. mRNA vaccines are a new type of vaccine to protect against infectious diseases. To trigger an immune response, many vaccines put a weakened or inactivated germ into our bodies. Not mRNA vaccines. Instead, they teach our cells how to make a protein—or even just a piece of a protein—that triggers an immune response inside our bodies. That immune response, which produces antibodies, is what protects us from getting infected if the real virus enters our bodies.



MYTH: THERE ARE SEVERE SIDE EFFECTS OF THE COVID-19 VACCINES.

There are short-term mild or moderate vaccine reactions that resolve without complication or injury. The early phase studies of the Pfizer vaccine show that it is safe. About 15% of people developed short lived symptoms at the site of the injection. 50% developed systemic reactions primarily headaches, chills, fatigue or muscle pain or fever lasting for a day or two. Keep in mind that these side effects are indicators that your immune system is responding to the vaccine and are common when receiving vaccines.



see infographic with this image on it for more details on side effects

MYTH: COVID-10 VACCINES CAUSE INFERTILITY OR MISCARRIAGE

No, COVID-19 vaccines have not been linked to infertility or miscarriage. While there are no formal studies, the best evidence comes from women who got sick with COVID-19 while pregnant. While data clearly indicate pregnant women are at higher risk of hospitalization due to COVID-19 infection, there is no evidence of increased miscarriage rates. During natural infection, the immune system generates the same antibodies to the spike protein that COVID-19 vaccines would. Thus, if COVID-19 affected fertility, there already would be an increase in miscarriage rates in women infected with COVID-19. This has not happened.

MYTH: COVID-19 VACCINE WILL ALTER MY DNA

The first COVID-19 vaccines to reach the market are messenger RNA (mRNA) vaccines. According to the CDC, mRNA vaccines work by instructing cells in the body how to make a protein that triggers an immune response. Injecting mRNA into your body will not interact or do anything to the DNA of your cells. Human cells break down and get rid of the mRNA soon after they have finished using the instructions.

MYTH: THE COVID-19 VACCINE IS NOT SAFE BECAUSE IT WAS RAPIDLY DEVELOPED AND TESTED.

mRNA vaccines have been held to the same rigorous safety and effectiveness standards as all other types of vaccines in the United States. The only COVID-19 vaccines the Food and Drug Administration (FDA) will make available for use in the United States (by approval or emergency use authorization) are those that meet these standards.

MYTH: COVID-19 VACCINE WAS DEVELOPED USING FETAL TISSUE.

Neither the Pfizer/BioNTech COVID-19 vaccine nor the Moderna COVID-19 vaccines contain fetal cells nor were fetal cells used the development or production of either vaccine.

MYTH: THE COVID-19 VACCINE WAS DEVELOPED TO CONTROL THE GENERAL POPULATION EITHER THROUGH MICROCHIP TRACKING OR "NANOTRANSDUCERS" IN OUR BRAINS.

There is no vaccine microchip, and the vaccine will not track people or gather personal information into a database.



MYTH: I ALREADY HAD COVID-19 AND I HAVE RECOVERED, SO I DON'T NEED TO GET A COVID-19 VACCINE WHEN IT'S AVAILABLE

There is not enough information currently available to say if or for how long after infection someone is protected from getting COVID-19 again. This is called natural immunity. Early evidence suggests natural immunity from COVID-19 may not last very long, but more studies are needed to better understand this. Mayo Clinic recommends getting the COVID-19 vaccine, even if you've had COVID-19 previously. People should not get vaccinated if in quarantine after exposure or if they have COVID-19 symptoms

IF YOU WOULD LIKE TO SIGN UP TO TAKE THE VACCINE, YOU CAN DO SO HERE: [TINYURL.COM/TKBCOVIDVACCINE](https://tinyurl.com/tkbcovidvaccine)

