Top 10 COVID-19 Vaccine Myths Busted

10. I don't trust the vaccine, because it was rushed.
False!
Messenger RNA technology has been underway for 30 years. It's true this is the first vaccine using this technology, but the science has been studied and is well-founded.

9. The vaccine can give me COVID-19.
False!
The vaccines instruct your cells to make only a portion of the spike protein that mounts an antibody response to the spike protein. That is not infection, in itself.

8. There are severe side effects.
False!
There may be short-term side effects, especially with the second injection. Fifteen percent of those inoculated may have irritation where they received the shot and up to 50% may get a headache or chills for a day.

7. I have already had COVID-19, so I don't need the vaccine.
False!
We don't know how long the natural immunity lasts; therefore, getting the vaccine will extend your immunity. The Centers for Disease Control and Prevention (CDC) recommends waiting 90 days after an infection before receiving the vaccine to extend that immunity even further.

6. After I receive the vaccine, I won't need to wash my hands, wear a mask or socially distance.
False!
You may not develop immunity immediately following inoculation. And studies are still underway to determine whether or not those vaccinated can still carry and pass on the virus.

5. Pregnant women should not get the vaccine, because it causes infertility and miscarriages.
False!
The vaccine is recommended for pregnant women for their safety and the safety of their baby. Babies may get up to two months of immunity after birth. Additionally, breastfeeding is strongly recommended, as breast milk has antibodies to pass immunity to infants.

4. With the COVID-19 survival rate being so high, I don't need a vaccine.
False!
Most patients will recover. However, we don't know how to truly predict who will get very sick. Additionally, we don't completely understand the long-term issues associated with COVID-19 infection, making it all the more important that we protect others.

3. Now that we have the vaccine, the pandemic will be over soon.
False!
Herd immunity won't be achieved until 70-80% of the population has received the vaccine or recovered from infection. That's not expected until mid-to-late summer at the current vaccination rate.

2. The vaccines permanently alter my DNA.
False!
Messenger RNA is made from DNA, but does not integrate with a person's DNA. Therefore, it won't change your genome.

1. The vaccines were developed to control us through microchips or nanotransducers.
False!
The rumor started after Bill Gates, founder of the nonprofit Gates Foundation, commented on digital certification as a method of vaccine recording. There are no trackers or other nanotechnology in the vaccines.

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