



# COVID-19 Vaccination and Gene Therapy

## COVID-19 SAFETY GUIDELINES FOR RARE DISEASE FAMILIES

All households, especially rare disease households, should continue to take the precautions recommended by the CDC including but not limited to:

- Remaining at least six-feet apart from members outside the household and the rare disease patient when possible
- Wearing a cloth face-covering outside the household and around the rare disease patient
- Washing hands or using alcohol-based sanitizer frequently, especially before providing care for a rare disease patient
- Clean and disinfect frequently touched items and surfaces
- Avoid touching your face
- Avoid travel as much as possible

If a rare disease patient or someone in their household shows symptoms of COVID-19 or is exposed to someone who has contracted the virus, contact your healthcare provider for further guidance. Consider having a secondary caregiver for the rare disease patient on call in the event that someone in the household is exposed to the virus. For more information, visit the [CDC's website](https://www.cdc.gov).

## mRNA COVID-19 VACCINE (PFIZER & MODERNA)

Currently, there are two COVID-19 vaccines approved by the FDA for Emergency Use Authorization. The side effects of the COVID-19 vaccine are similar to that of the annual flu vaccine, but we do not know if these effects are exacerbated in someone with a pre-existing condition. Pediatric clinical trials for the vaccine are ongoing, and thus the FDA has only approved it for individuals 16 years and older. While being vaccinated at a clinic, the risk of contracting COVID-19 remains so it is critical to maintain protective measures.

As of January 2021, both COVID-19 vaccines approved under Emergency Use Authorization are mRNA based vaccines. The vaccines function by using the mRNA to teach the body how to defend against the spike protein in the COVID-19 virus. Given that the COVID-19 virus and adeno-associated virus are different viruses, the two vaccines should have no effect on a recipient's ability to receive an AAV gene therapy in the future.

Join Cure Rare Disease to hear more about the COVID-19 Vaccine's impact on Gene Therapy. We will hear from featured experts in Neutralizing Antibodies on the effect the COVID-19 vaccine may have on the future of gene therapy featuring experts Dr. Federico Mingozzi and Dr. Noah Weisleder.

**[REGISTER HERE](#)**

**For the most up to date information on COVID-19, the COVID-19 vaccine, and CDC recommendations, visit <https://www.cdc.gov/coronavirus/2019-ncov/index.html>**

Disclaimer: Please consult your doctor before making any medical decisions.