Study participation overview.

The importance of participation.

The COVID-19 pandemic is like nothing we've seen in more than a century. And it's altered each and every one of our lives. Mostly because, to date, no effective vaccine to prevent COVID-19 has been found. Clinical research studies and volunteer study participants are vital to creating a vaccine that will prevent this devastating disease.

Researchers in the Cove Study are trying to find solutions to the current pandemic that has affected the entire world. By enrolling in this study, participants are contributing to a potential solution that could solve this global health crisis.

Study overview.

The purpose of this study is to test an experimental vaccine that may prevent illness after exposure to the SARS-CoV-2 virus, which causes COVID-19.

While enrolled in the Cove Study, participants will need to attend all study visits and comply with all study requirements, which include completing diary entries and immediately alerting the study doctor if they are experiencing symptoms of COVID-19. The study doctor and the study team will provide participants with additional details and answer any questions.

Eligible participants must be:

- **Adults, 18 years of age and older**
- **At high risk of COVID-19 infection (defined as adults whose locations or circumstances put them at greater risk of exposure to the virus responsible for COVID-19, or adults who are at high risk for severe COVID-19 based on age [65 years or older] or underlying medical conditions)**
- **Healthy adults with no previous history of COVID-19, or adults with pre-existing medical conditions that are stable, at the time of screening**
- **Free from prior exposure to an investigational vaccine or treatment for COVID-19**

There are additional eligibility requirements, which the study doctor can explain to you.

About the study vaccine.

Vaccines prepare the immune system to fight infections and prevent illnesses. Certain cells of the immune system produce antibodies (special proteins) that recognize viruses and other pathogens (things that cause disease) and make them harmless.

The vaccine being tested in this study is called mRNA-1273. The study team is testing if the vaccine can help the immune system produce effective antibodies against the SARS-CoV-2 virus so that, in case of infection, the virus does not cause illness.

Typical vaccines for viruses are made from a weakened or inactive virus, but the mRNA-1273 study vaccine is not made from the SARS-CoV-2 virus. It is made from messenger ribonucleic acid (mRNA), a genetic code that tells cells how to make protein. In this case, the protein is a small part of the virus that is thought to help the body's immune system make antibodies to fight the virus.

The vaccine cannot cause infection or make someone sick with COVID-19. Since March 2020, more than 300 people have received the vaccine so far with no serious side effects.

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