

About vaccines

Few developments in modern medicine have been as important as vaccines. The use of vaccines prevents a wide range of infectious diseases in hundreds of millions of people around the globe.

Vaccines help the immune system recognize different types of germs that may infect the body. As a result, the immune system can quickly fight the infection before it causes serious illness.

About vaccine clinical trials

Vaccine clinical trials enable advances in medicine that may protect people around the world. They help us learn more about potential vaccines to make sure they are safe and effective against different infectious diseases. Without clinical trials, we would not have any of the vaccines we rely on today.

Pursuing a vaccine to prevent *C. diff* infection

C. difficile (*C. diff*) is a contagious bacteria (germ) that infects the colon (large intestine) and can cause diarrhea, abdominal pain, fever, and other health complications. Severe cases can lead to hospitalization and be life-threatening. Pfizer is currently researching an investigational vaccine to prevent *C. diff* infection. Development of a vaccine that helps the body's immune system defend against *C. diff* could help protect those at greatest risk.



You can make a difference

It's important that everyone has access to vaccines that work for them, regardless of their background. The greater the representation among clinical trial participants, the more we can learn about potential vaccines and how they work for different people.

By taking part in this clinical trial, you may reduce your risk of getting a *C. diff* infection while helping to advance research for a potential vaccine that could benefit others in the future. Thank you for taking the time to consider participating.

Learn more

For more information, contact the study team.

Upstate Global Health
Institute

315-464-9869
Trials@upstate.edu



SCAN QR CODE
TO LEARN MORE



C4771002_Study Brochure_US EN_V1_21Oct25

**Could you be at
risk of *C. diff*
infection?**

C. diff is a leading cause of healthcare-related infections worldwide. Learn more about Pfizer's vaccine clinical trial for adults at increased risk.



About the BEETHOVEN study

This clinical trial will help us learn if an investigational vaccine is safe and can help prevent *C. diff* infection in people [65] years of age or older.

Who can take part?

This clinical trial may be an option if you have not previously had *C. diff* and have one of the following risk factors for infection:



Are 65 years of age or older



Have received antibiotics in the last 3 months



Have been hospitalized at least once or had 2 emergency room visits in the last year



Have had 10 or more healthcare visits in the last year



Are scheduled to be hospitalized or have elective surgery

There are other requirements that the study team will discuss with you.

What to expect

If this clinical trial is a good fit for you and you agree to take part, here is what you can expect:

- You will be assigned by chance (like flipping a coin) to receive 2 doses of the investigational *C. diff* vaccine or placebo (injection with no vaccine) given about 6 months apart.
- Participation may last for up to 3 and a half years.
- In the first 18 months, you will have at least 3 in-person visits and 3 phone calls.
- You will then have one annual visit until the study ends.
- There is no cost to participate. [You will be paid for completing some study-related activities.]

To determine if the vaccine prevents *C. diff* infection, you will be monitored for up to 3 years after your last vaccine. If you have 3 or more episodes of diarrhea in 24 hours, you will need to provide a stool sample and may be asked to attend an extra study visit.

Your safety and your choice

Safety is always the top priority of any clinical trial. Throughout your participation, your health will be carefully monitored by the study team. You can choose to leave the clinical trial at any time and for any reason.

Before a potential *C. diff* vaccine can be approved, it must be proven to be safe and effective. This is only possible through the dedication of thousands of individuals involved with clinical trials and those who volunteer to take part in research.

