

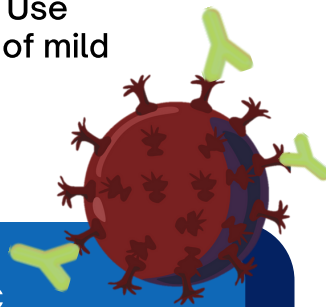
# Monoclonal Antibodies for treatment of COVID-19

Updated: January 5, 2021



In November, the U.S. Food and Drug Administration issued an Emergency Use Authorization to allow the use of monoclonal antibodies for the treatment of mild to moderate symptoms of COVID-19 in adults and pediatric patients.

## What are monoclonal antibodies?



Monoclonal antibodies are laboratory-made proteins that mimic your immune system's ability to fight off harmful viruses. **Bamlanivimab** and **casirivimab + imdevimab** are monoclonal antibodies that are specifically designed to protect against the spike protein of **COVID-19**. These proteins are designed to stop the virus from entering the human cells.

## Who can get this treatment?

To receive the treatment you must be in one of the high risk categories:



**Are age 12 to 17**

**AND** have any of the following:

- High BMI
- Sickle cell disease
- Heart disease
- Neurodevelopment disorders
- A medical related dependence
- Chronic respiratory diseases
- Asthma



**Are age 55 to 64**

**AND** have any of the following:

- Cardiovascular disease
- Hypertension
- Chronic respiratory diseases
- COPD



**Are age 65 or older**

No underlying conditions required



**Are age 12 or older**

**AND** have any of the following:



**Chronic kidney disease**



**BMI of 35 or greater**



**Diabetes**



**Immunosuppressive disease**

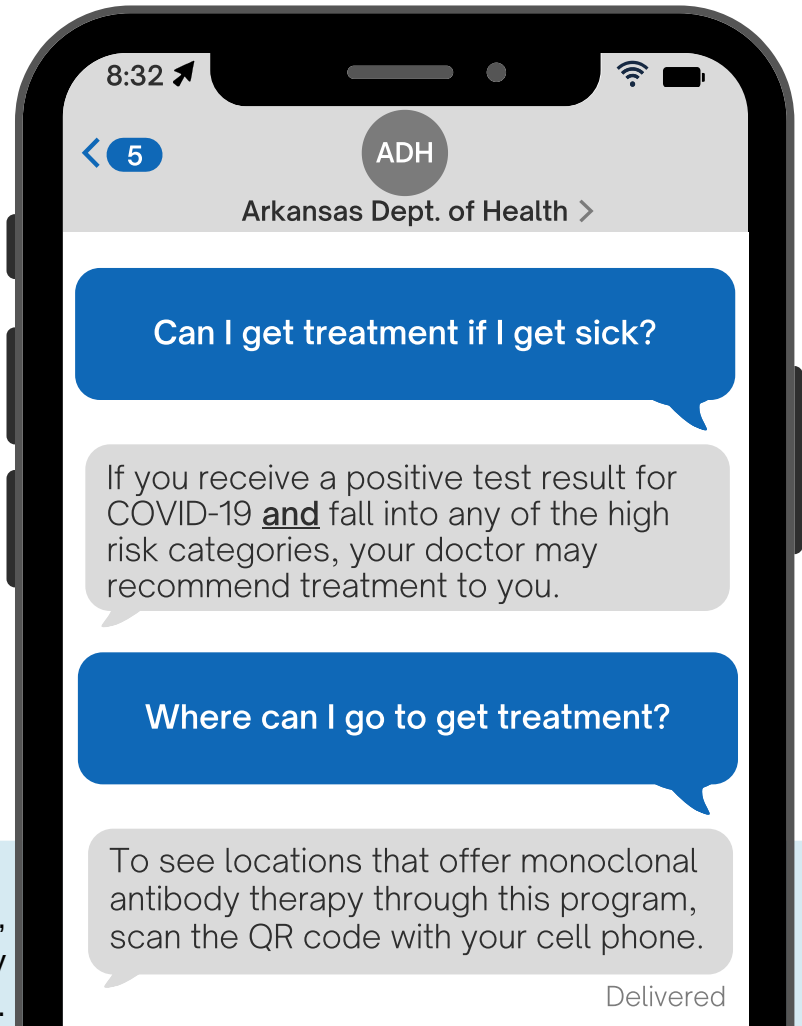
These medications are **NOT** approved for use in patients who are hospitalized due to COVID-19 or require oxygen therapy. Benefits of treatment have not been observed in patients hospitalized due to COVID-19. Monoclonal antibodies may be associated with worse clinical outcomes when given to patients with COVID-19 requiring oxygen ventilation. Individual administration sites may have additional criteria for use of these monoclonal antibody therapies in patients.

## Treatment locations

Open the camera app  
Focus the camera on the QR code  
Follow the instructions to see locations



These medications will be available at **no cost** to patients, although health care facilities may charge for administering the medicine.



Delivered

VS

## Antibody Therapy

A protein that binds to the virus and stops it from infecting you

Treats those who are already infected with the COVID-19 virus

As soon as it is given

Weeks to months

## Vaccine

A piece of the virus your immune system can recognize

Trains the immune system to fight against the COVID-19 virus

1-2 weeks after both doses are given

Years to lifetime (may need boosters)

For more information contact:

Arkansas Department of Health  
1-800-803-7847  
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