



Many individuals diagnosed with COVID-19 can take over the counter vitamins and supplements, isolate at home, and pull through just fine. However, for those who the disease hits a little harder, there are other treatment options.

For those with mild to moderate symptoms, monoclonal antibody treatments including Regeneron (Casirivimab/Imdevimab) and Sotrovimab are available. Both of these medications have received EUA (Emergency Use Authorization) from the FDA. However, they are not fully FDA approved. These medications do not cure COVID-19. The purpose of these medications is to prevent progression of disease to the point where hospitalization is required.

How do I know if I am eligible for a monoclonal antibodies?

- You must not require hospitalization
- You must not be on oxygen or be requiring more oxygen than you normally wear
- You must be 12 years of age or older and weigh at least 40 kg
- You must have a positive COVID-19 test
- The infusion must be given within ten days of onset of symptoms
- You must be considered to be at high risk of progression to severe disease as defined by at least one of the following:
 - 65 years or older
 - BMI (Body Mass Index) of greater than 25 kg/m²
 - Pregnant women
 - Individuals with chronic diseases including chronic kidney disease, diabetes, COPD or other pulmonary diseases, hypertension (high blood pressure), and neurological disorders
 - Immunocompromised individuals (e.g. cancer patients)

How are these medications given?

- They are given in an outpatient infusion area. The Regeneron infusion takes one hour and the Sotrovimab takes 30 minutes. Both infusions require the individual to wait for one hour after the infusion to make sure there is no reaction.

Can I get an infusion if I did not test positive?

- You are eligible to receive the Regeneron infusion even without a positive COVID test if you meet the following criteria:
 - 12 years of age or older and weighing at least 40 kg **AND**
 - Not fully vaccinated or you are considered immunocompromised or are taking immunosuppressive medications **AND**
 - You have been exposed to and considered a close contact to a positive COVID-19 individual or at high risk for exposure because of congregated living with a COVID-19 positive individual (e.g. nursing home, prison)

What medications are available if I require hospitalization?

- There are currently two medications available that have been granted EUA for treatment of COVID-19 in hospitalized patients.

1. Veklury (Remdesivir)
 - Given intravenously
 - Must have a positive COVID-19 test
 - Can be given anytime after diagnosis
 - For most patients, it is a 5 day course given while in the hospital. In patients that require mechanical ventilation, the course may be extended to 10 days.
2. Tocilizumab (Actemra)
 - Given intravenously
 - Must have a positive COVID-19 test
 - Must be receiving corticosteroids, require oxygen and non-invasive (CPAP, BiPAP, Airvo) or invasive mechanical ventilation, or ECMO
 - Patients receive one dose. If there is no improvement noted, a second dose may be given

Scotland County Hospital is currently able to offer all of the above medications in the fight against COVID-19. If you have any questions about the treatment of COVID-19 or the medications available to you, please contact your primary care provider.