

# Monoclonal Antibody Administration





## Policy

- \* The paramedic will respond to a residence on order from the physician and follow guidelines outlined by the physician's orders for the administration of Monoclonal Antibody (Bamlanivimab, or Casirivimab/ Imdevimab)
- \* The administration of Monoclonal Antibodies may be performed at alternative locations other than the patient's residence at the discretion of the Medical Director/ EMS Chief

## Purpose

- \* To assist the patient (family/ caregiver) by increasing awareness of the disease through education on pathology.
- \* To administer medication for the treatment of COVID-19 related illness in a monitored environment.

	Review patient health history and physician's orders prior to appointment
	Follow Physician's Orders
<b>P</b>	Administer Medication As Listed Below (see exclusion criteria on next page)





1. Obtain Medication from Betsy Johnson Pharmacy. Medication will be prepared on day of infusion for scheduled patients. Paramedic can park at Employee entrance of hospital, call pharmacy at 910-892-1000, ext. 4095 and someone will deliver. Pharmacy will also supply the 0.2 micron filter tubing needed to administer the medication.
2. Prior to patient contact; you must ensure you properly donned your personal protective equipment.
3. Assess patient to ensure patient is a candidate for receiving medication (see exclusion criteria on next page)
4. Obtain initial set of vital signs.
5. Provide patient the Frequently Asked Questions document about the medication.
6. Establish IV access and ensure patency.
7. At patient side, attach the 0.2 micron filter tubing infusion set to the IV bag and prime the infusion set.
8. Administer as an IV infusion via pump or gravity over 60 minutes. The prepared solution should **not** be administered with any other medication simultaneously as compatibility is not known.
9. Patient should be monitored throughout the infusion with vital signs documented every 15 minutes.
10. After infusion is complete, flush with 0.9% Sodium Chloride injection.
11. Discard unused product.
12. Monitor patients during administration and observe patients for at least 1 hour after infusion is complete. For any signs of allergic reaction, follow "**Protocol 9 - Allergic Reaction / Anaphylaxis**" and request the closest 911 transport unit respond to the scene. Notify online medical control physician as soon as possible.
13. Properly doff your personal protective equipment, wash hands and decontaminate all equipment



Complete all documentation, to include scanning and attaching any associated paperwork



 Communicate all patient follow-up information to the ordering physician 

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Special Circumstance Section

These medications are indicated under an FDA emergency use authorization for the treatment of COVID-19-related illness. You will be working with patients known to have COVID-19 and should exercise caution while in this environment. Appropriate use of personal protective equipment (PPE), including appropriate donning, doffing and decontamination, is important to minimize risk of transmission.

Exclusion criteria: These medications are not indicated in patients requiring oxygen therapy or in patients that require an increase in their baseline level of supplemental oxygen. For any patient with an SPO2 less than 92%, unless this is their baseline, approval should be obtained by the medical control physician before administering the medication. As these medications can cause hypotension, approval should also be obtained before administering the medication in patients with hypotension noted during their vital sign assessment.

Anaphylaxis Management – although rare in clinical trials, allergic reactions can occur. Follow **"Protocol 9 - Allergic Reaction / Anaphylaxis."** Request the closest 911 transport unit to respond to the scene and notify online medical control physician as soon as possible.

Possible side effects – monitor for the following: fever, headache, chills, nausea, headache, shortness of breath, low blood pressure, wheezing, swelling of lips/face/or throat, rash including hives, itching, muscle aches and dizziness. This list is not inclusive as the medications are still being studied so it is possible that not all adverse reactions are known.

For any questions or concerns during medication administration or monitoring, contact the online medical control physician immediately.