

EUA Bamlanivimab

Drug Category: Monoclonal Antibody against COVID-19

EUA Indication:

- Treatment of mild to moderate COVID19 disease in adults and pediatric patients with positive results of direct SARS-CoV-2 viral testing who are 12 years of age and older, weigh at least 40 kg, and who are at **high risk** of progressing to severe COVID-19 and/or hospitalization. **NOTE: HM will treat adult patients only.**
- High Risk Populations per EUA Approval:
 - Body mass index (BMI) \geq 35
 - Chronic kidney disease
 - Diabetes
 - Immunosuppressive disease or treatment
 - \geq 65 years of age
- OR:
 - \geq 55 years of age AND:
 - Cardiovascular disease, OR
 - Hypertension, OR
 - Chronic obstructive pulmonary disease/other chronic respiratory disease

Bamlanivimab is NOT authorized for use in patients:

- who are hospitalized due to COVID-19, OR
- who require oxygen therapy due to COVID-19, OR
- who require an increase in baseline oxygen flow rate due to COVID-19 in those on chronic oxygen therapy due to underlying non-COVID-19 related comorbidity.

Dose: Single intravenous infusion of 700 mg over 60 minutes

Administration:

- Infusion must be administered through polyvinylchloride (PVC) infusion set containing a 0.20/0.22 micron in-line filter
- Prime the infusion set and infuse at 200 ml/hr for a total infusion time of 60 minutes
- Once complete, flush the infusion line to ensure entirety of dose given
- Monitor patients during infusion and observe for at least 1 hr after infusion is complete

Adverse Effects: Nausea, vomiting, and diarrhea

Signs and Symptoms of Infusion Reaction

- Fever
- Rigors/Chills
- Diaphoresis
- Urticaria
- Bronchospasms

If patient develops signs of infusion reaction: Stop infusion, implement hypersensitivity treatment orders, and call a CERT. Notify the ordering physician for further orders and enter a PSN.

Monitoring:

- SaO2 must be $>$ 92% on Room Air prior to infusion
- Vital signs:
 - o Before infusion
 - o 15-min after infusion start
 - o immediately post infusion and
 - o 1-hour post infusion
- Signs of infusion reaction

