



Incidental or Nosocomial COVID with symptoms
 - If ≤ 7 (sotrovimab ≤ 5) days of symptoms and meets outpatient criteria^a :

- **Remdesivir** 200mg IV day 1, 100mg IV days 2-3
- **ONLY if confirmed to NOT have the Omicron BA.2: Sotrovimab^b** 500mg single dose IV

ANTICOAGULATION: In moderately sick hospitalized COVID-19 patients (requiring oxygen up to 15 L/min via nasal cannula) with no contraindications to anticoagulation and low bleeding risk, therapeutic dose tinzaparin (175 u/kg) is recommended for 14 days or until discharge, to increase the probability of survival until hospital discharge and reduce the need for ICU-level organ support. In critically ill hospitalized COVID-19 patients with no contraindications to anticoagulation, prophylactic dose tinzaparin (75 u/kg) is recommended.

Footnotes

◇ Blue/red arms reflect the need for oxygen or ventilation **related to COVID**.

a. Outpatient criteria:

- Immunocompromised, or
- 0-1 dose of 2-dose vaccine and:
 - Age 55 and over (or age 45 and over if Indigenous), regardless of comorbidities
 - Age 18 and over with at least one of the following comorbidities:
 - i. Diabetes requiring medication
 - ii. Obesity (BMI > 30 kg/m²)
 - iii. Chronic kidney disease (eGFR < 60 mL/min/1.73 m²)
 - iv. Congestive heart failure (New York Heart Association class II, III, or IV)
 - v. Chronic obstructive pulmonary disease
 - vi. Moderate-to-severe asthma
- Pregnancy

b. Wait 90 days after administration of sotrovimab for COVID vaccination.

c. Adjust baricitinib dose based on eGFR:

- 30 to < 60 mL/min/1.73 m²: 2 mg PO/NG once daily
- 15 to < 30 mL/min/1.73 m²: 2 mg PO/NG every other day
- <15 mL/min/1.73 m²: Use is not recommended.

d. Active highly suspect or proven non-COVID infections and severe underlying immunocompromise are relative contraindications to receipt of tocilizumab, baricitinib, sarilumab. Specialist consultation is suggested in these cases.

If patient meets tocilizumab / baricitinib / sarilumab criteria at presentation, favour one of these agents over remdesivir. If an immunocompetent patient has met criteria for, and been given tocilizumab / baricitinib / sarilumab, the presumption is that they are in a phase of their illness where remdesivir has not been proven beneficial, would not be expected to yield benefit, and should not be used.

Only one of baricitinib / sarilumab / tocilizumab should be used in the same patient; they all work on the same inflammatory pathway, they are unlikely to have added benefit and, and are potent immunosuppressants, so combination use could have adverse effects.