UCSF Health Guidance for Discontinuing Isolation for Severely Immunocompromised COVID+ Patients

*Patients followed by adult services* includes all patients regardless of transplant status and timing.

Patients followed by pediatric services include oncology patients until 3 months after completing therapy. For BMT patients include until >6 months out from transplant and documented TBI cell immune reconstitution.

A COVID-19 diagnosis should not delay time-sensitive care.

Severely immunocompromised patient (i.e., adult hematologic malignancy/BMT, pediatric oncology/BMT/aplastic anemia) with COVID-19 infection

At least 20 days have passed since symptom onset AND 24 hours since last fever (without use of fever reducing medications) AND improvement in symptoms

- If patient asymptomatic, at least 20 days have passed since initial positive test
  - Yes
    - Obtain repeat COVID-19 PCR
  - No
    - Maintain isolation

COVID-19 PCR negative

- Contact HEIP to remove ‘COVID confirmed’ flag
  - If inpatient, primary team discontinues ‘Novel Respiratory Isolation’ flag

COVID-19 PCR positive

- Contact HEIP to obtain COVID-19 PCR cycle threshold result
  - Cycle threshold >=35
  - Cycle threshold <35 or not available**
    - Contact HEIP to remove ‘COVID confirmed’ flag
      - If inpatient, primary team discontinues ‘Novel Respiratory Isolation’ flag
    - Maintain ‘COVID confirmed’ flag and if inpatient ‘Novel Respiratory Isolation’ flag
    - Obtain repeat COVID-19 PCR >= 7 days later

Following the removal of the ‘COVID confirmed flag’ and during the 90 days following the initial COVID-19 test:

1) Patient asymptomatic: Do not re-test patients who have recovered from COVID-19. If patient inadvertently gets COVID-19 test and are again positive do not place them on ‘Novel Respiratory Isolation’

2) Patient symptomatic: If patient has new or worsening signs/symptoms concerning for COVID-19 place the patient on ‘Novel Respiratory Isolation’, consider a COVID-19 PCR, and if you have questions about interpretation of the test contact the adult or pediatric ID clinical services.

Recovered from COVID-19 AND >90 days since first positive COVID-19 test collected:

Use same testing and isolation practices as for patients who have never had COVID-19 infection. If patient is symptomatic place them in ‘Novel Respiratory Isolation’. Even after 90 days, some people may continue to shed non-infectious viral RNA debris from the initial infection. Consult adult or pediatric ID clinical services for questions about interpreting a positive COVID-19 test.

Guidelines are intended to assist with clinical decision-making but cannot replace personalized evaluation and management decisions based on individual patient factors.

**If cycle threshold not available, repeat the COVID-19 PCR.