

BCH-SF: Optimal room placement for patients, including BMT patients, requiring admission to protective environment rooms

Goal:

Provide guidance for optimal room placement for patients requiring admission into the protective environment rooms at BCH-SF including BMT patients during the COVID-19 pandemic

Background:

At BCH-SF all rooms in the BMT unit (rooms 1-13) and PICU room 1, 2, and 15 are protective environment rooms and are positively pressured. These rooms can pose infectious risks if the admitted patient is COVID-19 positive.

For all patients it is important to keep the patient room doors closed at all times.

Recommendation:

For admissions to BMT rooms 1-13 or PICU room 1, 2, 15		What is patient's status?	COVID-19 testing	Room disposition not critically ill	Room disposition and critically ill/needing PICU admission
New admissions	From the ED	Asymptomatic and symptoms concerning for COVID-19	<p>Perform COVID-19 PCR in the MB-ED (run on in house platform) and hold patient in the ED until test is resulted.</p> <p>If the BMT patient does not need to be admitted to a protective environment room, they can be admitted to C6 HO or PICU but not PICU rooms 1, 2, and 15; no need to hold patient in the ED pending the COVID-19 PCR result.</p>	<p>If COVID-19 PCR negative and no further concern for COVID-19 including no plan to retest → admit to BMT or if indicated PICU including PICU rooms 1, 2, and 15.</p> <p>If COVID-19 PCR positive OR COVID-19 PCR negative and ongoing concern for COVID-19 with plan to retest → admit to ICN, C5 or PICU but not PICU rooms 1, 2, and 15. If patient is receiving a</p>	If COVID-19 PCR pending, admit to PICU but not rooms 1, 2, and 15

				continuous AGP admit patient to a negative pressure room.	
	Hospital to hospital transfer		<p>Perform COVID-19 PCR (or other accepted COVID-19 test) in the referring hospital and await result before transfer if clinically appropriate.</p> <p>If the BMT patient does not need to be admitted to a protective environment room, they can be admitted to C6 HO or PICU but not PICU rooms 1, 2, and 15.</p>	<p>If COVID-19 PCR negative and no further concern for COVID-19 including no plan to retest → admit to BMT or if indicated PICU including PICU rooms 1, 2, and 15.</p> <p>If COVID-19 PCR negative and ongoing concern for COVID-19 with plan to retest → discuss with primary team.</p> <p>If COVID-19 PCR positive → admit to ICN, C5 or PICU but not PICU rooms 1, 2, and 15. If patient is receiving a continuous AGP admit patient to a negative pressure room.</p>	If COVID-19 PCR pending, admit to PICU but not rooms 1, 2, and 15
	Direct Admit	Obtain a COVID-19 test prior to admission	If COVID-19 test not performed prior to admission, obtain test at admission.	If tested within 4 days of admission and COVID-19 PCR negative and no new concern for COVID-19 including no symptoms or exposures since the test was	N/A

				<p>done → admit to BMT</p> <p>If test not done before admission, admit to C6 HO.</p>
Current inpatient	Symptoms concerning for COVID-19	COVID-19 PCR pending	<p>Pending COVID-19 PCR: Stay on BMT unit with door closed.*</p> <p>If in PICU room 15* leave patient in room until COVID test is resulted; ensure exiting through anteroom only and slider door is kept closed. If patient is in PICU room 1 or 2, exit through the anteroom and keep slider door closed; for the non-COVID-19 suspect patient in opposite room, exit directly through the slider door (do not use anteroom).</p> <p>If COVID-19 PCR positive → admit to ICN, C5 or PICU but not PICU rooms 1, 2, and 15. If patient is receiving a continuous AGP admit patient to a negative pressure room.</p>	
All categories	COVID-exposed	Perform COVID-19 PCR in the MB-ED (run on in house platform) and hold patient in the ED until test is resulted.	<p>If COVID-19 PCR negative → admit to C6 HO or PICU but not PICU rooms 1, 2, and 15. Even if the COVID-19 test is negative, during the quarantine period, the patient should not be admitted to BMT rooms 1-13 or PICU rooms 1, 2, and 15. If patient is receiving a continuous AGP admit patient to a negative pressure room.</p> <p>If COVID-19 PCR positive → admit to ICN, C5 or PICU but not PICU rooms 1, 2, and 15. If patient is receiving a continuous AGP admit patient to a negative pressure room.</p>	
	'COVID-19 recovered' (eg within 90 days)	If asymptomatic no need to perform	For asymptomatic patients, standard admission procedures	

	of initial positive COVID-19 test)	admission COVID-19 test nor hold patient in the ED. If symptomatic, refer to "Symptoms concerning for COVID" category above.	
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*If COVID pending with higher pre-test probability due to known exposure or other clinical factors, move to new room as for COVID-19 positive patient.