

## COVID-19 Healthcare Environmental Risk Assessment Algorithm

Most suitable area for planned placement of respiratory pathway

Mechanical Ventilation equal to or more than 6 Air Changes per Hour (ACH)?

Yes

At least 2 metres between patient beds (measured bed centre to bed centre)/treatment chairs? \*1

Yes

Can use for -  
respiratory pathway

No

Can use for respiratory  
pathway. Expansion of  
room capacity as far as  
possible (>2m) is  
recommended

No

At least 2 metres between patient beds (measured bed centre to bed centre)/treatment chairs? \*1

Yes

Can use for  
respiratory pathway

No

Increase distance between patients beds to >2 metres before use as respiratory pathway  
OR  
Find alternative area for respiratory pathway  
OR  
where no alternative area available for respiratory pathway & spacing cannot be increased to >2 metres, provide staff with Respiratory Protective Equipment (RPE)

\*1 Although a minimum of 2m between beds is required as part of COVID-19 risk assessment, NHS boards are reminded of the bed spacing requirements laid out in SHPNs detailed in the addendum which continue to apply. NHS Boards are also reminded of the importance of assessing all areas for maximum room occupancy.