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Appendix E - Sample LTV patient home bedroom floorplan:

This document is designed to be used as an exemplar room layout for a child returning home on LTV.

This is a working document. Please make sure you are using the latest version by checking the version number and date updated below. The latest version of the document is available here <https://www.wellchild.org.uk/10-principles-for-complex-discharge/>

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Sample LTV patient home bedroom floorplan

This example floor plan demonstrates how you could arrange the equipment your child requires in their room for Long-Term Ventilation at home. A floor plan has been chosen to demonstrate this rather than a photograph of a child's room as equipment can vary from area to area.

Here are some key points to consider:

- The child's room needs to be big enough to accommodate all of the items in the sample floor plan, a double room is usually sufficient.
- It is important that the bed/cot can be accessed easily from both sides, to enable child and parent/carer safety when completing daily cares and tracheostomy/tape changes.
- The carer/nurse must be able to see the child and their monitoring machines from the location of the chair. This chair should be supportive and comfortable but should not recline as the carer/nurse is required to be awake during the night.
- Ensure equipment requiring plug sockets is located accordingly with sufficient plug sockets available in the room. Some Local Authorities and Community Teams are happy for a tower extension lead with a circuit breaker to be used for certain equipment. This varies from area to area and should be checked with your local team.
- A bedside lamp should be available in order for the carer/ nurse to see the child and equipment clearly during the night.
- The ventilator trolley should be stable with 4 legs with wheels. It should have a second tray lower than the ventilator for the humidifier, spare ventilator and any other equipment. A humidifier clamp can also be used on one of the legs of the trolley to secure the humidifier.
- Suction machine, nebuliser, oxygen and emergency bag/blue box should be placed adjacent to the bed to enable easy access or on the ventilator trolley if enough space.
- Ideally, toilet facilities for the carer would be located on the same floor as the child's room however if this is not possible then arrangements would need to be made with the family to ensure that the child is safe while the carer/ nurse takes a short toilet break.

Please seek further advice from your local community nursing and OT team.



Sample LTV patient home bedroom floorplan



There should be access to a sink in an adjacent/near by room (bathroom/ kitchen) for regular hand washing.

***N.B.** This is a sample home bedroom floorplan for an LTV patient. The room does not have to be identical to this please seek advice from your LTV team/ local teams*