

Oxygen Cylinder guide and uses

This aide-memoir will explain how to operate the cylinder and the duration of a full cylinder (depending on flow rates for different oxygen therapy masks).

Portable oxygen cylinders are used in emergency bags and emergency trolleys. The commonest size of cylinder used is a CD cylinder which contains 460 litres of oxygen. They should be stored away from heat sources in an area labelled as oxygen storage.

Step 1:

Ensure you have the correct Medical gas by checking the label and expiry date on the batch label.



Step 2:

Make sure the contents gauge is in the green zone. This indicates that the cylinder is full.



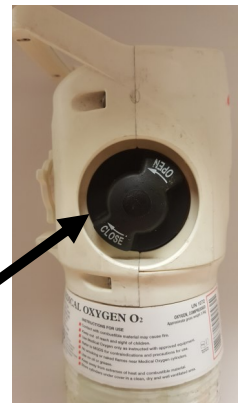
Step 3:

Remove the tamper evident handwheel cover by pulling the tear-ring.



Step 4:

Turn the black valve to the 'Open' position. This allows Oxygen to the flow rate valve on the top of the cylinder.



Step 5:

Connect the oxygen tubing for the appropriate mask for the patient to the metal nozzle.



Mask type:

High concentration non-rebreathable
Flow rate: 15 ltrs/min
Full cylinder duration: 30 mins



Mask type:

Nebuliser mask
Flow rate: 6—10 ltrs/m
Full cylinder duration:
At 8 ltrs/min - 55 mins



Mask type:

Bag-valve-Mask
Flow rate: 15 ltrs/min
Full cylinder duration: 30 mins

