

Anaesthesia Machine Setup for Anaesthetising Patient with COVID-19

- 1) Reusable circuit (needs to be changed at end of case – sterilised at 80C to kill viruses)
- 2) Disposable facemask
- 3) HEPA/HME combined filter (Intersurgical green label – “Inter-Therm Filter/HME”) at patient end of circuit
- 4) HEPA (standard) filter (standard circuit filter with yellow label – “Inter-Guard Breathing Filter”) at junction of expiratory limb and anaesthesia machine
- 5) Consider attaching in-line suction if patient has respiratory secretions (see over), otherwise normal liquorice connector
- 6) Consider adding inhaler port for Salbutamol if patient asthmatic (see over)
- 7) Slick tape over junctions to minimise accidental disconnections



Anaesthesia Machine Setup for longterm (ICU) ventilation of COVID-19

- 1) Disposable circuit (needs to be changed weekly)
- 2) HEPA/HME combined filter (Intersurgical green label label – “Inter-Therm Filter/HME”) at patient end of circuit AND at junction of expiratory limb and anaesthesia machine
- 3) Attach in-line suction
- 4) Slick tape over junctions to minimise accidental disconnections
- 5) Drawstring bag over condensation tap to reduce exposure when emptying water trap



Appendix:

What's the extra port for on the in-line suction?

It allows irrigation via a syringe – to patient's lungs for lavage, or to flush thick secretions out of the suction tubing before they cake on

How do I attach an MDI for Salbutamol?

You insert an MDI adaptor piece into the in-line suction setup like this:



Pull the in-line suction apart at the red arrow, add in the MDI adaptor, reconnect the pieces and sleek the connections.