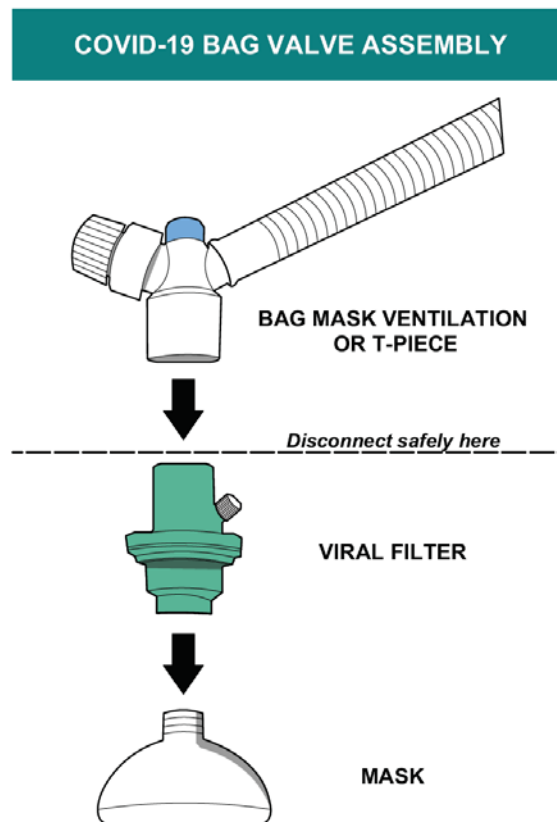


## Set up for initial neonatal resuscitation and stabilisation

Aspect	Recommendation
Filter use	<ul style="list-style-type: none"> <li>• Viral/bacterial filter may be used with:                             <ul style="list-style-type: none"> <li>○ Self-inflating bags and flow inflating bags/circuits</li> <li>○ T piece (F&amp;P recommend against use with Neopuff™)</li> <li>○ Ventilation circuits</li> </ul> </li> </ul>
HME filter type	<ul style="list-style-type: none"> <li>• The viral/bacterial filter may or may not contain a heat and moisture exchanger (HME)</li> <li>• There are a range of filters suitable for use—consider:                             <ul style="list-style-type: none"> <li>○ Impact on tidal volume (number of mL added)</li> <li>○ Connection fit to existing equipment</li> <li>○ Need for humidification/suitability for humidification</li> <li>○ Availability of stock</li> </ul> </li> </ul> <p><u>ONE Example:</u> (others may be suitable)</p> <ul style="list-style-type: none"> <li>• Viral/bacterial filter with HME—humidifier is not required                             <ul style="list-style-type: none"> <li>○ Medtronic DAR™ PAEDIATRIC NEONATAL Electrostatic Filter HME SMALL (catalogue number 355/5427)</li> </ul> </li> </ul>
Filter placement	<ul style="list-style-type: none"> <li>• Refer to Figure1 for circuit assembly</li> </ul>
Disconnection from circuit	<ul style="list-style-type: none"> <li>• Minimise disconnections (as far as possible) because this may increase aerosol dispersion</li> <li>• Refer to Figure 1 and disconnect at the recommended point to minimise transmission</li> </ul>
Sourcing filters	<ul style="list-style-type: none"> <li>• Order filters through usual procurement processes</li> <li>• Consider ordering one box (25) and sharing within Hospital and Health Service (to conserve supply)</li> <li>• Stocks may be out or low—check at the time of ordering</li> </ul>
Humidification	<ul style="list-style-type: none"> <li>• Refer to individual product information as humidification not recommended with some filters</li> </ul>



Source: Adapted with permission from Queensland Children’s Hospital: *Queensland paediatric consensus statement: paediatric intubation guideline during the COVID-19 outbreak* available at [www.childrens.health.qld.gov.au](http://www.childrens.health.qld.gov.au) (redrawn by Annabel Lee)  
 Queensland Clinical Guideline. *Maternity care for mothers and babies during the COVID-19 pandemic*. Flowchart: F20.63-4-V2-R25

