

NICU CV-19 RESUSCITATION & AIRWAY MANAGEMENT SETUP

The purpose of this job aide is to guide the NICU team in the resuscitation and airway management of a newborn to a mother who is a person under investigation (PUI) or positive for COVID-19. This can also be applied in the resuscitation and airway management of the COVID-19 positive NICU patient.

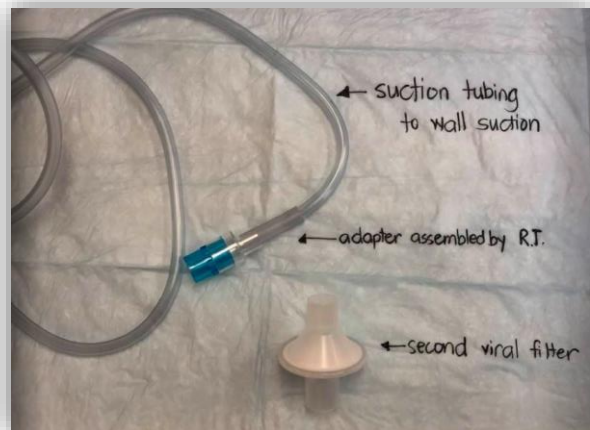
INFLOW CIRCUIT:

1. Bag-mask-valve device
2. Viral filter
3. Masks – different sizes



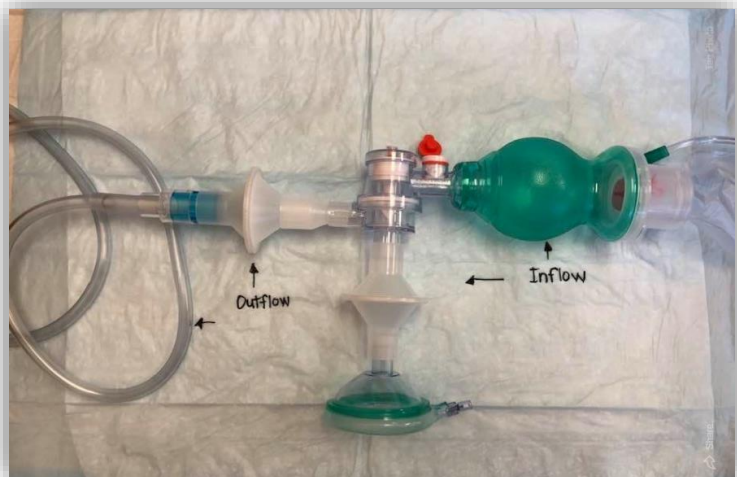
OUTFLOW CIRCUIT:

1. Suction tubing
2. Adapter
3. Viral filter



FINAL BAG-VALVE-FILTER-MASK SETUP

This will be assembled by the Respiratory Therapist and will be ready for use.



Resuscitating a baby

Perform the steps in the NRP algorithm utilizing the bag-valve-filter-mask setup.

This is a 2-person technique: one hold the mask and maintains adequate seal and the other provides PPV.



Intubation

The team must wear appropriate PPE as per NYP standards for COVID-19 Outbreak.



Intubation must be done by the most skilled person in the resuscitation team.



After checking for proper ETT placement, continue PPV with the bag-valve-mask-filter setup until the ventilator is ready.



Ventilator Tubing and ETT Closed Suction System Assembly

1. Inline suction/closed suction tubing
2. Aerogen adapter for nebulization already connected to minimize breaking the circuit
3. Ventilator tubing

(All of these are assembled beforehand by the Respiratory Therapist)



Ensure that the closed ETT system is well-supported by an angel frame or by ventilator tubing arms.



If the baby is on bubble CPAP, a viral filter is attached to the expiratory side.

