

**SUBJECT: Procedure for Using a Closed System Suction Catheter Inline with a Single-Limb Breathing Circuit on the Newport HT50 Ventilator****Be sure to follow the AARC Clinical Practice Guidelines for Patient Suctioning****Set Up**

- Follow closed suction device manufacturer's instructions for setting up and connecting to the vacuum source;
- Place the closed suction device between the patient's artificial airway and the patient connection of the HT50 breathing circuit.

**Suctioning**

- Follow all of the closed suction device manufacturer's instructions for safe use of the closed suction device;
- Push Silence/Reset to pre-empt alarm violations during the suction period;
- Push Silence/Reset again after suctioning to clear latched alarms.

**Cautions to Observe While Suctioning**

While suction is applied to the catheter, pressure in the breathing circuit will be lowered. The result of this may include but is not limited to any or all of the following:

- Elimination or lowering of PEEP below set level;
- Auto-triggering;
- Low Pressure Alarm;
- Check Prox Alarm;
- Low Baseline Pressure Alarm;
- Increased flow delivery for pressure targeted breaths;
- High Inspiratory Minute Volume Alarm;
- Patient hypoventilation.

**Cautions to Observe After Completion of Suctioning**

When suction is no longer applied there may be a temporary rebound-increase in baseline pressure. The result of this may include but is not limited to any or all of the following:

- A temporary elevation of PEEP (baseline pressure);
- High Pressure Alarm;
- High Baseline Pressure Alarm;
- A temporary decrease of flow/volume delivery for pressure targeted breaths.

Observe the patient /ventilator system following the suctioning procedure to ensure that all conditions return to the pre-suctioning state.

If you have any questions about this information please contact Newport Clinical Marketing:  
1.949.642.3910 ext. 218 or email: [clinical@newportnmi.com](mailto:clinical@newportnmi.com).