

### Invasive

1. Assemble VOCSN + Ventec One-Circuit
2. Place closed suction catheter in-line
3. Verify Suction Settings
  - Set default suction settings for Cough + Suction
4. Verify Cough Settings
  - Cough Cycles: 5 cycles or to patient comfort
  - Insufflation pressure: +30 or to patient comfort
  - Insufflation Time: 1.5 seconds
  - Exsufflation Pressure: -30 or to patient comfort
  - Exsufflation Time: 2.0 seconds
  - Cough + Suction: On
  - Breath Sync: On
  - Pause Time: 5 seconds
5. Activate Cough Therapy
6. Use closed suction as needed between each cycle
  - Start with proximal suction
7. Repeat as necessary to clinical clearance; note volume and expiratory flow. Assess settings if secretions persist.

#### Supplies:

- VOCSN Required Therapies: Ventilation, Cough, and Suction
- Ventec One-Circuit
- Closed Suction Catheter
- Bacterial Filter at VOCSN
- Optional Bacterial Filters Proximal to Patient
- Mouth Suction
- 1/4 Inch Suction Tubing

*CAUTION: Please refer to the VOCSN Clinical and Technical Manual for detailed instructions, including indications and contraindications for use. Once it has been determined that the Cough Therapy is clinically appropriate and has been prescribed by a physician, this protocol may be used as a suggested protocol. Cough Therapy should be completed at the direction of a licensed physician. This protocol is not a substitute for advice from a healthcare professional. The prescription issued by the patient's physician should be followed.*

### Non-Invasive

1. Assemble VOCSN + Ventec One-Circuit
2. Verify "cough prep" ventilation settings
  - Volume Targeted On
3. Verify Suction Settings; start with mouth suction
  - Set default suction settings for Cough + Suction
4. Verify Cough Settings
  - Cough Cycles: 5 cycles or to patient comfort
  - Insufflation pressure: +40 or to patient comfort
  - Insufflation Time: 1.5 seconds
  - Exsufflation Pressure: -40 or to patient comfort
  - Exsufflation Time: 2.0 seconds
  - Cough + Suction: On
  - Breath Sync: On
  - Pause Time: 5 seconds
5. Switch to non-vented mask
6. Activate Cough Therapy: 5 cycles or to patient comfort
7. Use mouth suction as needed to suction patient
8. Repeat as necessary to clinical clearance; note volume and expiratory flow. Assess settings if secretions persist.
9. Switch mask to non-invasive mask
10. Switch ventilation pre-set back to bi-level mode

#### Supplies:

- VOCSN Required Therapies: Ventilation, Cough, and Suction
- Ventec One-Circuit
- Non-Ventec Mask
- 6 Inch Corrugated Tubing
- Bacterial Filter at VOCSN
- Bacterial Filter Proximal to Patient
- Mouth Suction
- 1/4 Inch Suction Tubing

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