

Cough Assist T70

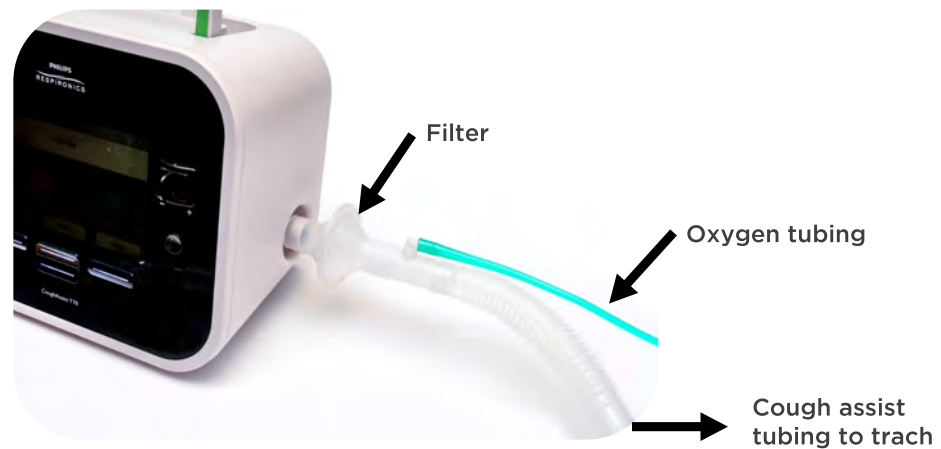
(with mask or mouthpiece)



The Cough Assist T 70 device removes mucus (secretions) from your child's lungs through the use of mechanically applied pressure. The machine applies a positive pressure to the airway, then rapidly shifts to a negative pressure. The rapid drop in pressure forces air from the lungs, imitating a natural cough. You can operate the pressure manually or on automatic.

How to add oxygen to the Cough Assist

Oxygen can be added to the Cough Assist tubing in between the filter and the tubing. Check your child's oxygen dose order to see what oxygen liter flow you will need during the treatment.



Steps to using Cough Assist

Get your child ready:

1. Gather suctioning supplies.
2. Place your child in an upright sitting position as tolerated.

Start the treatment:

1. Turn on the Cough Assist and check the settings and pressures. These settings are different for each child and are programmed by your respiratory equipment company. Turn on the oxygen to the Cough Assist device.
2. Place mask or mouthpiece on your child as directed. Use either:
 - A mouthpiece (with or without nose clips) or
 - A well-fitting, soft-seal mask
3. Press **Therapy** button to start treatment.

Do not keep your child connected to the Cough Assist device longer than the prescribed amount of time.

In **Auto Mode**, the Cough Assist device will cycle automatically from inhalation (positive, pushing air in) to exhalation (negative, sucking air out). At the end of exhalation, the machine will pause before starting the next breath. If your child can easily trigger breaths on the Cough Assist, the Cough

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Always watch to see that your child is tolerating the treatment and getting good chest rise.

Trak setting will synchronize the breaths from the Cough Assist to your child as they take a breath. In **Manual Mode**, you will need to slide the control lever from the right (inhale) to the left (exhale) for each breath cycle. The pressures are preset, but the time is determined by the person doing the treatment.

- After 3 to 5 in/out breath cycles, remove the mask or mouthpiece and press **Standby**. Give your child time to relax and breathe normally.
- At this time you can use your suction machine to clear mouth secretions if needed. Repeat this process (usually 3 to 5 times) as needed to clear secretions. After the treatment, turn off the oxygen source to the Cough Assist device.

To Learn More

- Your respiratory equipment company
- Ask your child's healthcare provider
- seattlechildrens.org

Free Interpreter Services

- In the hospital, ask your child's nurse.
- From outside the hospital, call the toll-free Family Interpreting Line 1-866-583-1527. Tell the interpreter the name or extension you need.

Cough Assist Settings

(to be filled out by your healthcare providers and programmed into your device)

Mode _____

Cough Trak _____

Flow _____

Inspiratory pressure _____

Expiratory pressure _____

Inspiratory time _____

Expiratory time _____

Pause _____

Oscillations _____

Oxygen _____ L/M (liters per minute flow rate)

Seattle Children's offers interpreter services for Deaf, hard of hearing or non-English speaking patients, family members and legal representatives free of charge. Seattle Children's will make this information available in alternate formats upon request. Call the Family Resource Center at 206-987-2201.

This handout has been reviewed by clinical staff at Seattle Children's. However, your child's needs are unique. Before you act or rely upon this information, please talk with your child's healthcare provider.

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