

TrachPhone is a lightweight heat and moisture exchanger (HME) providing effective humidification with additional features for suctioning, speech, and supplemental oxygen. **HMEs have been shown to restore humidity and warmth to the inhaled air which results in decreased viscosity of mucus, less coughing, and improvements in respiratory functions.** ¹⁻³

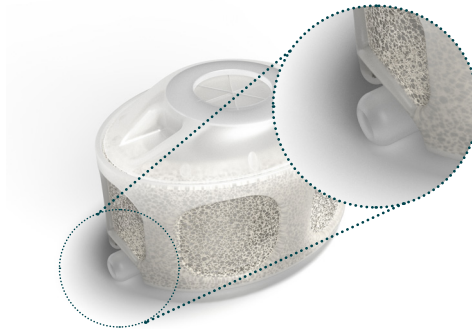


TrachPhone Features

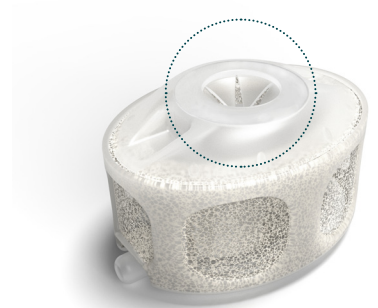
Speech valve



Oxygen port (up to 4L/min)



Suction port



- Intended for spontaneously breathing patients with a tracheostomy tube
- Connects to 15mm hub of a standard tracheostomy tube
- The heat and moisture exchanger (HME) optimizes breathing and pulmonary health
- The HME foam core is treated with calcium chloride which enhances the moisture retention properties
- When using a deflated cuff or cuffless tracheostomy tube, the speech valve can be depressed to enable voicing
- Connect 4mm tubing to the integrated oxygen port to deliver up to 4 liters per minute of supplemental oxygen
- The integrated suction port allows for tracheal suction without removing the HME
- Replace every 24 hours or more frequently as needed

REF#	Description	Qty
7704	TrachPhone	50
7707	TrachPhone	30

Heat and moisture exchanger (HME) for better pulmonary health

After a tracheotomy, natural humidification and filtration functions are lost. The use of HMEs is an evidenced-based practice to reduce coughing, mucus viscosity and improve tracheal climate and pulmonary function.¹⁻³



During exhalation, the HME captures heat and moisture from the exhaled breath.



During inhalation, the stored heat and moisture are released to condition the inspired air.³

*Post-market clinical study, sponsored by Atos Medical (2010), data on file

References:

1. Van den Boer C, Lansaat L, Muller SH, van den Brekel MW, Hilgers FJ. Comparative ex vivo study on humidifying function of three speaking valves with integrated heat and moisture exchanger for tracheotomised patients. Clin Otolaryngol. 2015;40(6):616-621. <https://doi.org/10.1111/coa.12426>.
2. De Kleijn BJ, van As-Brooks CJ, Wedman J, van der Laan BFAM. Clinical feasibility study of protrach dualcare a new speaking valve with heat and moisture exchanger for tracheotomized patients. Laryngoscope Investig Otolaryngol. 2017;2(6):453-458. <https://doi.org/10.1002/liv.124>.
3. Wong CY, Shakir AA, Farboud A, Whittet HB. Active versus passive humidification for self-ventilating tracheostomy and laryngectomy patients: a systematic review of the literature. Clin Otolaryngol. 2016;41(6):646-651. <https://doi.org/10.1111/coa.12577>.

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