

Sleep without limitations.

Introducing aerSleep™

aerSleep™ is the first fully integrated, non-invasive solution to treat obstructive sleep apnea (OSA). It is a simple, easy to use, portable device for home and travel. It safely and effectively opens the airway so you get a great night's sleep at home or on the road. It is an ideal solution for non-compliant CPAP users wanting a more convenient sleep therapy option.



Small, Portable and Simple Design

aerSleep consists of a comfortable, flexible silicone rubber collar and a small, lightweight, quiet air pump that automatically regulates and maintains therapy. Using it is easy. Simply place it under your chin and it will gently open your airway.

Health Canada Approved

aerSleep was approved by Health Canada on June 08, 2017 to treat OSA. It is a Class II device that requires a prescription from a physician. The license name and number is aerSleep and 99285.

Benefits

- **Small and Portable:** Discrete at home or traveling
- **Simple:** No masks, machine, hoses, cords, or humidifiers required
- **Non-Invasive:** Applied externally to the airway eliminating invasive treatments
- **Easy to Use:** Quickly set up in seconds for comfortable treatment
- **Effective:** Reduces the number of apnea and oxygen desaturation events¹

INDICATIONS FOR USE IN CANADA

aerSleep™ is intended for use in maintaining an open, upper airway in adults diagnosed with obstructive sleep apnea.

PRODUCT ORDERING INFORMATION

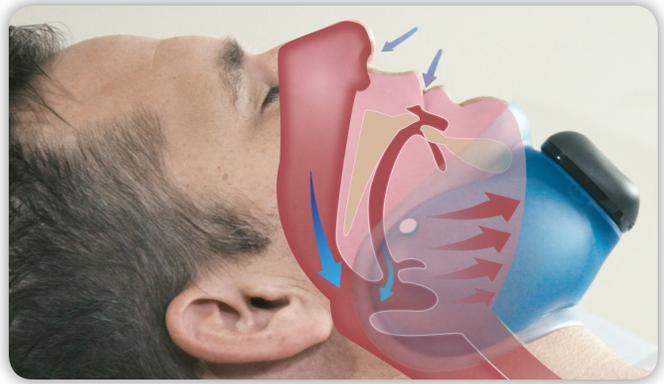
- 30-1002: aerSleep Size 1
- 30-1003: aerSleep Size 2
- Rx Only - Reusable



Clinically Supported Technology

aerSleep uses aer⁺™ technology (formerly known as cNEP), which is our patented technology that uses the application of negative external air pressure on the outside of the neck to gently open the airway.

aerSleep is a simple to use, non-invasive external airway device that effectively and safely reduces the number of apnea and oxygen desaturation events.



Clinical Evidence

A clinical study was conducted at the Toronto Sleep Institute in Toronto, Ontario, Canada, utilizing aerSleep to treat patients with mild, moderate or severe OSA, and measuring efficacy through two in-lab polysomnographs (PSG).

Conclusion: aerSleep was found to be both safe and effective in delivering treatment to subjects with mild, moderate or severe OSA.

Study Results

- AHI and ODI were significantly reduced compared to baseline values²
- Frequency of apneas and hypopneas reduced by 74% in those responsive to aerSleep
- Episodes of oxygen desaturation reduced by 81%
- Home use of aerSleep was well tolerated

Patient Responses

- 70% of patients stated that aerSleep would be acceptable for long-term treatment of their sleep apnea.³
- 88% of patients stated their experience was better compared to previous treatment methods.⁴
- 82% of patients stated their sleep was better using aerSleep compared to their usual night's sleep.⁵

Additional Clinical Studies

Journal of Clinical Sleep Medicine

A publication of the American Academy of Sleep Medicine

"Evaluation of Continuous Negative External Pressure (cNEP) for the Treatment of Obstructive Sleep Apnea: A Pilot Study." August 2017. J Kram et al.

- Subjects with documented OSA were recruited from the patient population at one sleep clinic. The intervention was application and titration of cNEP during overnight PSG. cNEP appeared to be safe and effective during short-term use in subjects with OSA.

Read more at ncbi.nlm.nih.gov/pubmed/28633720

Journal of Applied Physiology

A publication of the American Physiological Society

"Submental negative pressure application decreases collapsibility of the passive pharyngeal airway in nonobese women." April 2015. Kato S et al.

- Negative external pressure (NEP) application to the sub-mandible region improves pharyngeal airway collapsibility. Conclusively, application of submental negative pressure was found to decrease collapsibility of the passive pharyngeal airway in nonobese Japanese women.

Read more at ncbi.nlm.nih.gov/pubmed/25614595



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