



EXPLORE NEW POSSIBILITIES

Introducing the Oventus *O₂Vent™*, a customized, comfortable oral appliance with a unique airway design for the treatment of snoring and Obstructive Sleep Apnea (OSA). It may be particularly helpful to people suffering from nasal obstruction or those that cannot tolerate Continuous Positive Airway Pressure (CPAP) therapy.



TREATING
SNORING AND
SLEEP APNEA
HAS CHANGED
FOREVER

ARE YOU AT RISK FOR SLEEP DISORDERED BREATHING?

- ? **Have you been told that you snore?**
- ? **Do you often wake up tired or unrefreshed?**
- ? **Do you suffer from excessive daytime sleepiness?**
- ? **Do you wake up choking or gasping for air?**
- ? **Do you have trouble with concentration/memory?**

IF YOU
ANSWERED **YES**
TO ANY OF THESE
QUESTIONS,
YOU MAY BE
AT RISK!



HOW CAN SLEEP-DISORDERED BREATHING BE TREATED?

There are many treatments available for people with sleep-disordered breathing and treatment will depend on the severity of the disorder.

A popular and effective option is using an oral appliance that positions the bottom jaw forward, which also brings the tongue forward to open the airway.

Others may need a Continuous Positive Airway Pressure (CPAP) machine for effective treatment.

Oral Appliances have potential advantages over CPAP for some patients.

***O₂VENT™* ADVANTAGES INCLUDE:**

- Less obtrusive
- More portable
- Makes no noise
- Are not reliant on a power source
- Are often more acceptable to the patient and family members.

Recent studies have shown that oral appliances and CPAP have similar long term health outcomes⁵.

The recent Oventus clinical trial showed that 100% of patients experienced a significant reduction in snoring and an improvement in AHI (Apnea Hypopnea Index) with 82% of patients eliminating snoring completely and 76% of patients reducing their AHI by more than half⁶.

WHAT MAKES THE *O₂VENT*[™] DIFFERENT TO OTHER ORAL APPLIANCES?

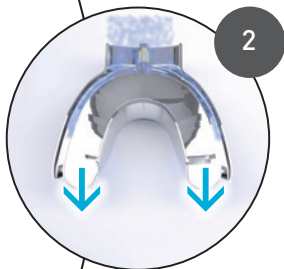
Like all oral appliances that bring the jaw forward, the *O₂Vent* stabilizes jaw position and brings the tongue forward to reduce airway collapse. What makes the *O₂Vent* unique is the airway design, allowing for breathing through the device, to bypass obstruction in the nose which can contribute to snoring and sleep apnea.

HOW THE *O₂VENT* WORKS



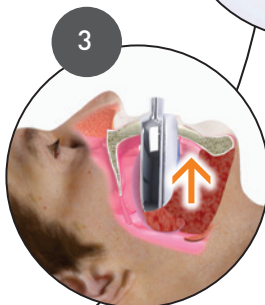
1

Lips close around the appliance. Air is drawn into the front of the appliance



2

Air passes through to the back of the appliance



3

The appliance advances the mandible, bringing the tongue forward and opening the airway

WHAT IS SLEEP-DISORDERED BREATHING?

Sleep-disordered breathing is a general term for breathing difficulties that occur during sleep, ranging from frequent loud snoring to obstructive sleep apnea.

Obstructive Sleep Apnea (OSA) is a condition where the air passage in the throat becomes blocked during sleep and causes people to stop breathing. Severe sufferers experience hundreds of blockages per night.

DID YOU KNOW?

40%

of adults snore regularly¹

50-70m

An estimated 50-70 million Americans suffer from sleep disorders and 18 million suffer from OSA²

34%

of American males and 17% of females between 30-70 years suffer from OSA³.

POSSIBLE COMPLICATIONS

Untreated sleep apnea is a potential risk factor contributing to:

- High blood pressure
- Stroke
- Coronary artery disease
- Type 2 diabetes
- Depression, impotence, mood disorders

More than 85% of patients with clinically significant OSA have never been diagnosed⁴. Talk to your healthcare practitioner for an assessment.

References

- 1 Ohayon MM et al. Snoring and breathing pauses during sleep: telephone interview survey of a United Kingdom population sample. *BMJ*. 1997;314:860-3.
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- 3 Peppard PE, Young T, Barnet JH, Palta M, Hagen EW, Hla KM. Increased prevalence of sleep-disordered breathing in adults. *American journal of epidemiology* 2013;177:1006-14.
- 4 Kato M(1), Adachi T, Koshino Y, Somers VK. Obstructive Sleep Apnea and Cardiovascular Disease. *Circ J*. 2009 Aug;73(8):1363-70. Epub 2009 Jun 30.
- 5 Sutherland et al. Oral Appliance Treatment for Obstructive Sleep Apnea: An Update. *Journal of Clinical Sleep Medicine*. February 15, 2014.
- 6 Hart C, Lavery D, Czyniewski S, Beer F. Effects of a Novel Mandibular Advancement Device on AHI and Snoring in Patients with Obstructive Sleep Apnea: A Pilot Study. The study has been accepted for publication in the *Journal of Dental Sleep Medicine*. Visit www.jdsm.org/AcceptedPapers.aspx

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CONTROL
AND ENJOY
RESTFUL
NIGHTS**

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