

SOMNICS

Intraoral Negative Air Pressure Therapy



> iNAP may be for you if:

- you have been diagnosed with mild, moderate or severe OSA
- you can breathe through both nostrils
- you have front top and bottom teeth
- your doctor believes that you would benefit from iNAP therapy.

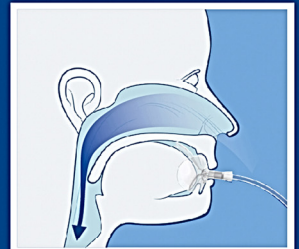
How It Works

While you sleep, iNAP delivers a gentle suction inside the oral cavity, moving the tongue forward and away from the airway. When you're ready for bed, simply insert the mouthpiece and click on the power button. iNAP's intermittent negative airway pressure effectively eliminates apnea by keeping the airway open and allowing you to breathe naturally and sleep peacefully.



Without iNAP

Airway blocked by collapsed soft tissues.



With iNAP

Negative pressure keeps airway open.



Track your usage and take control of your treatment data by downloading the iNAP Lab+ app from the App Store or Google Play.



Cloud platform

Cloud-based OSA management platform will help you analyze the treatment outcome, follow-up the iNAP treatment and modify the treatment plan.

iNAP Lab+

The mobile app iNAP Lab+ will record the information of usage, efficacy and sleep data when using APP.

Somnics, Inc

5F, No. 22, Sec. 2, Shengyi Rd. Zhubei, Hsinchu, 30261 Taiwan
Tel: +886 3 550 9623 Email: sales.tw@inapsleep.com
Web: www.somnics.com/en www.inapsleep.com/en

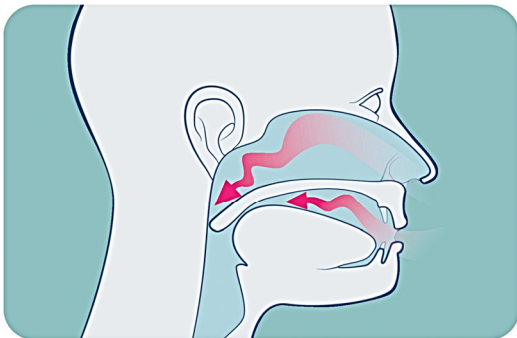


OSA

Obstructive sleep apnea

> What is OSA ?

Obstructive sleep apnea (OSA) is a serious sleep disorder that occurs when breathing is interrupted by a blockage of the airway, usually when the soft tissue in the back of the throat collapses during sleep. People with untreated sleep apnea stop breathing repeatedly during their sleep, sometimes hundreds of times. This means the brain and the rest of the body may not get enough oxygen.



Symptoms

- Morning headache
- Excessive daytime sleepiness
- Difficulty concentrating
- Memory difficulty
- Irritability or depression

Symptoms

- Loud snoring
- Episodes of stopped breathing during sleep
- Abrupt awakenings accompanied by gasping or choking
- Nighttime frequent urination
- Insomnia

> Health Risks if Left Untreated

Hypertension, stroke, CVD (Cardiovascular Disease), diabetes, dementia, severe injury/accident caused by daytime fatigue.

A Novel **OSA** Treatment

When CPAP and oral appliances just won't do.



iNAP components



Container



Oral Interface



Tubing



Console



DryPad

iNAP One



Why Choose iNAP



Clinically
Proven



Breathe
Naturally



Mask
Free



Quiet &
Discreet



Extremely
Portable



Battery-
Powered

> International Awards



2020 RESI Innovation Challenge First Prize, USA



2019 European Design Award, EU



2019 ASPA Award Grand Prize, Asia



2017 25th Taiwan Excellence Award, Taiwan



2017 45th Salon International Des Invention, Geneva



2016 iF Design Award, Germany



2016 A' Design Award, Italy



2016 ERS Product of Outstanding Interest Awards, European Respiratory Society, UK



2016 Taipei Biotech Awards, Innovation Silver Medal Award, Taiwan

> Testimonials



Ms. H- Age 51

*In the first week after using iNAP, my **AHI dropped to 1.3** and my oxygen level increased from 86% to 93%. **My memory improved** and I **didn't have that foggy feeling anymore.***



Mr. L- Age 71

*"As a severe sleep apnea patient with an AHI of 72, I used CPAP for many years. After treatment with iNAP, **my AHI dropped to 0.5.**"*



Ms. S- Age 36

*"Prior to my diagnosis and treatment, I once fell asleep on my drive to work and almost caused an accident. That was my wake-up call. After receiving treatment with iNAP, **my AHI dropped from 43.2 / hr. to only 1.5 events /hr.**"*

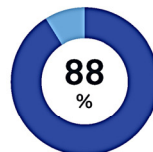


Mr. T- Age 39

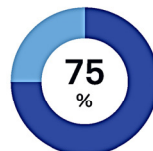
*"For 10 years, I wore a dental appliance to treat mild sleep apnea but, over time, I developed discomfort in my jaw joint. Fortunately I found iNAP Sleep Therapy and noticed that **my sleep quality improved**, and was **as effective as the dental appliance** but **didn't cause jaw pain.**"*

> Patient Outcomes

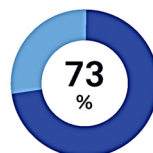
iNAP® is safe and clinical proven.



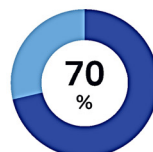
Patients report very much or much improved in Clinical Global Impression of Change (CGI-C).



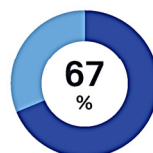
iNAP® therapy clinical successful rate.



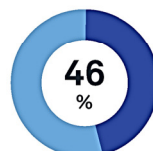
Average reduction in sleep apnea events.



Reduction in sleep time with SpO2 lower than 90%.



Average reduction in oxygen desaturation events.



Average reduction in duration of the longest apnea events.

Reference

A Single-center Cross-over and Evaluator-blind Pivotal Study to Evaluate the Efficacy and Safety of Intraoral Negative Air Pressure Device in Adults with Obstructive Sleep Apnea. Sleep 2019, USA Chia-Mo Lin & Ching-Yuan Cheng, Shin Kong Wu Ho-Su Memorial Hospital, Taiwan. Christian Guilleminault, Stanford University Sleep Medicine Division, USA.

Publication List

