

)|(OrthoApnea



OrthoApnea Classic: Laterality, Controlled Opening and Advancement in one single device

OrthoApnea is a intraoral device specially indicated for the treatment of snoring and obstructive sleep apnea syndrome.

Consisting of two custom-made splints joined by a central adjustment system, the OrthoApnea device allows controlled and comfortable advancement of the mandible increasing muscular tone at the airway level.

Consequently, the flow of air through the upper airway is increased, eliminating snoring and reducing apnea events. This results in a remarkable improvement of the patients' quality of life.

OrthoApnea is clinically proven

OrthoApnea's classic device proves to be an effective therapeutic alternative, by increasing the area and volume of the upper airway and reducing snoring and mild to moderate symptoms of sleep apnea.

· **OrthoApnea clinical study in 103 patients with mild and moderate OSAS.**

Coordinator: Dr. Mercedes Martín Romero (Pulmonologist) Virgen de la Victoria Hospital, Malaga, Spain.

· **Treatment of mild and moderate OSAS with OrthoApnea: polysomnographic parameters and analysis of factors predicting success.**

Coordinator: Dr. Javier Vila Martín (ENT Doctor and Dentist) Vall d'Hebron Hospital, Barcelona, Spain.

· **A cost-effectiveness study of OSAS treatment in the area of influence of Infanta Leonor Hospital.**

Coordinator: Dr. María Jesús Buendía (Pulmonologist) Infanta Leonor Hospital, Madrid, Spain.

94% Patients tolerate MAD without any problem

91% Patients use MAD every night

90% Patients improve the AHI

89% Patients reach an AHI <10

OrthoApnea

Classic: Product Characteristics



Laterality

- 24 mm of freedom to move sideways.
- Comfortable cheek contact surface.



Opening

- Controlled mouth opening, up to 18mm.
- Inverse connecting screw mechanism that provides further protrusion during mouth opening.
- Allows oral breathing in occlusal position.



Advancement

- 10mm range for titration adjustments, through a central screw regulation system.
- Occlusal plane optimization, avoiding possible TMJ side effects.

Features:



Custom-made
Custom-made device that guarantees perfect adaptation to the patients' teeth.



Freedom of movement
Laterality and opening endows the patient with a substantial range of mandibular movement.



Multiple Solutions
One device solving diverse problems: snoring and obstructive sleep apnea.



Clinically Approved
Rigorously tested under the supervision of specialists in Sleep Medicine.



Action Mechanism
Based on controlled and comfortable advancement of the mandible during its usage.



ISO Certificate
OrthoApnea has been granted with ISO 13485 and EC certificates, that guarantee management efficiency.