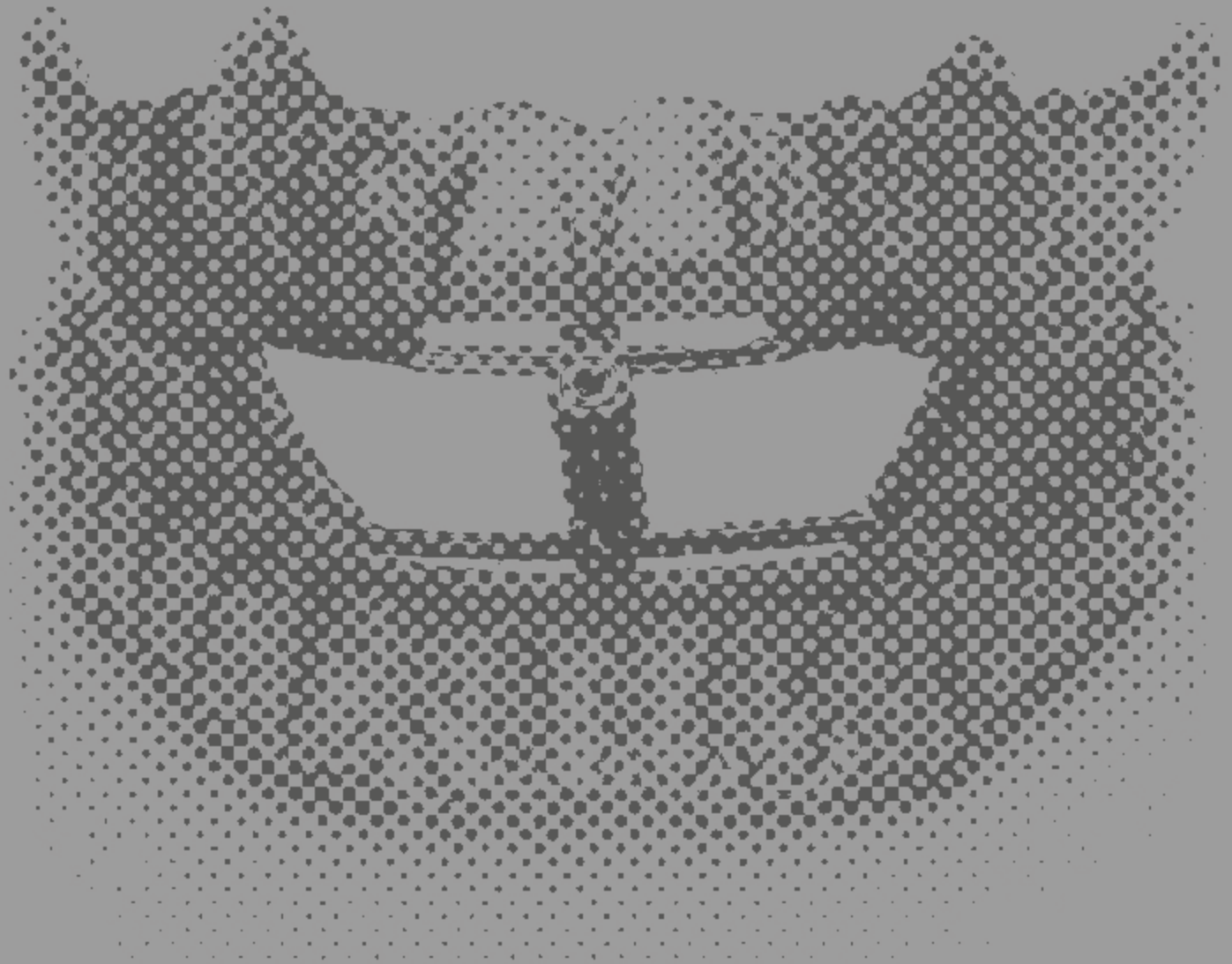




OrthoApnea Classic



 OrthoApnea

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OrthoApnea Classic

Laterality, advance and opening control in just one device

OrthoApnea Classic is a mandibular advancement device formed by two measured dental splints put together by a central adjustment system that allows a comfortable and controlled jaw advancement that increases muscle tone in the airway level.

Mandibular advancement devices are suitable for patients that suffer from mild to moderate obstructive sleep apnea. It can be recommended to patients who seriously suffer from this condition and are intolerant to other treatments. They're also suitable for snorers.

It's not advisable to use the product if the patient suffers from central sleep apnea, other respiratory diseases, advanced periodontal problems or is under 18 years old.

Advanced mandibular regulation is controlled through the screw activation. To increase the advancement, the screw must be turned clockwise, and to reduce it, it must be turned in the anticlockwise direction.

The dental splints are fabricated with protese acrylic material and with a medical titanium screw.

You can purchase the OrthoApnea Classic device in our online platform www.apneadock.com which allows you to manage and track the treatment through a completely digital flow.



Advance regulation

Features OrthoApnea Classic



Laterality

- Freedom of laterality movement up to 24mm.
- Compensation of the midline deviation. Thanks to the laterality range, the midline deviation doesn't affect occlusion or in opening and advancement movement.

Opening

- Opening up until 12mm.
- Frontal opening to facilitate breathing.
- Optimal occlusion between dental splints.

Advance

- Regulated central advancement system through the screw.
- Inverse connecting rod mechanism. Increased advancement with opening.
- Advancement regulation up to 10mm.
- Precise system. 1 mm advancement every 3 turns.



Custom made

Made according to the patient's dental moulds.



Action mechanism

Fabricated with bilayer material, externally rigid and internally soft for major comfort.



Certifications

- CE.
- FDA-K203477.
- ISO13485.

OrthoApnea Workflow



1. Registrations

Take impressions or an intraoral scan of the upper and lower arches. Take the bite registration in the mandibular advancement position.



2. Treatment request

To request the treatment go to www.apneadock.com



3. Manufacturing and delivery

The device is manufactured with a CAM/CAD process based on the registers and requests uploaded to Apneadock. The device is sent to the clinic after a thorough quality control.



OrthoApnea Classic

Doctor indications of use



Doctor indications of use OrthoApnea Classic

These instructions contain necessary information for the doctor. They indicate how to place the device correctly on the mouth and how to carry out a detailed tracking of the patient.



Mouth placement

- The device must be sterilised in the autoclave before placing it on the patient's mouth.
- Make sure the device has been made according to the request and that it's in good condition.
- Check the dental splints:
 - Put the upper dental splint into the mouth and check the retention and the patient's comfort.
 - Put the lower dental splint into the mouth and check the retention and the patient's comfort.
- Put the dental splints together and place the whole device into the mouth.
- Check the entire device's retention. Please take into consideration:
 - If the patient feels dental pressure or excessive retention. Retouch the dental splint slightly. If you want excessive adjustment please contact OrthoApnea.
 - If the patient is having muscular or temporomandibular jaw joint (TMJ) discomfort, turn the activating screw in an anti-clockwise direction to take the jaw to a minor advancement position.
- Check the upper and lower dental splints occlusion.
- Explain the use and maintenance to the patient, according to the Patient's Guide.

Tracking

- Once the treatment has been started, revise every 15 days until the patient has fully adapted to the device.
 - The mandibular advancement regulation is made through the activation of the screw in a clockwise direction. Take into consideration that a 1mm advancement is made every 3 turns.
 - If the patient is having muscular or temporomandibular jaw joint (TMJ) discomfort, activate the screw in an anti-clockwise direction to reduce the advancement.
 - If the patient can't rest or continues to snore, activate the screw in a clockwise direction to increase the advancement.
 - If the patient has fully adapted to the device and the snoring and resting have improved, please visit monthly, annually or when the patient reports a problem.

It's recommended to do a control polygraphy/ polysomnography on the patient to verify their improvement with the device. A home polygraphy can be requested on Apneadock or via email though info@orthoapnea.com.



Bite trainer

REMINDER: To avoid occlusion or articular tension problems, remind the patient to use the biter included in the treatment box.

After using the MAD, bite the biter repeatedly and gently with all the arch, specially with molars to achieve the normal biting position.

The exercise has to be done until the patient can chew comfortably.



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