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Product		 Apnea Guard	 dreamTAP	 ApneaRx	 BluePro
Website		www.advancedbrainmonitoring.com/apnea-guard	www.tapintosleep.com	www.apnearx.com	www.bluepro.pro
Warranty (days)		30	365 (for parts), 60-day satisfaction guarantee	30 (guarantee with full refund); 90 (replacement)	30
INDICATIONS	Mild to Moderate OSA	X	X	X	Pending
	Snoring	X	X	X	Pending
	Bruxism				
TYPE	Custom		X		
	Noncustom	X			X
	Boil and Bite			X	X
How Does the Oral Appliance Work?		The Apnea Guard combines a full range of mandibular advancement with one of three vertical dimension settings to define the optimal jaw forward position for the treatment of obstructive sleep apnea. The Apnea Guard can serve as a titration appliance with the optimized settings transferred to a custom appliance or used as a trial/temporary appliance for up to 30 days.	The dreamTAP advances and stabilizes the jaw, preventing the tissues of the throat and tongue from collapsing into the airway. The dreamTAP is available with an optional compliance monitor chip.	Advances the mandible in precisely marked 1 mm increments.	BluePro is a first-step trial device fitted chair-side by trained dental professionals. High performance thermoplastic provides strong and long-lasting retention while a discrete titration mechanism allows for simple self-adjustment and fine-tuning.
Fitting Description		The Apnea Guard is cleared by the FDA to be fitted by any trained healthcare professional. The retention material is mixed and fitted to the lower teeth into the bottom tray, followed by fitting of the upper teeth into the top tray. The fast-setting retention material enables these two steps to be completed in approximately 6 minutes with no specialized materials (ie, boiling water, etc). The retention material can be removed and the fitting repeated if necessary.	All TAP custom products empower patients to fine-tune treatment at home, as well as work with the clinician to achieve the best results. With a single point of midline adjustment, the dreamTAP prevents uneven bilateral adjustment that may create an irregular bite and jaw discomfort. Initial protrusion is set during the fitting process and is easily modified. Three different hook sizes allow for the greatest range of adjustment (15 mm) with minimal hardware. Posterior stops may be added for comfort.	Fitting takes less than 10 minutes. Submerge in boiled water for 90 seconds. Dip into cup of tap water for 3 seconds to cool off. Place in patient's mouth to custom mold for 30 seconds.	Upper and lower splints are immersed in boiling water for 1-2 minutes until the thermoplastic material becomes soft and clear. Each splint is removed from the water to cool for 1 minute before fitting separately to upper and lower arches. After cooling and setting on the teeth for 4 minutes, the splints are removed and finished by trimming any excess thermoplastic material with a sharp knife. Upper and lower splints are connected to form the finished appliance before re-inserting in the mouth to find the optimal level of mandibular protrusion to begin therapy.
Adjustment Description		The settings on the Apnea Guard when inserted in the mouth at the natural/neutral jaw position and maximum advancement are used to define the optimal protrusion. The optimal advancement is estimated at 70% of the distance between the neutral and maximum jaw positions, obtained using a look-up table.	Adjustment may be made by the patient with the appliance in the mouth in 1/3 mm increments. An anterior dial with one point of adjustment prevents unequal torque. The clinician teaches a home titration schedule, which engages the patient in the therapy process. The dreamTAP may also be easily adjusted in a sleep lab by the sleep tech during a study.	Simple patented adjustment mechanism is unaided by external accessories (screws, bands, etc). Provides 1 mm adjustment and locking capability with a 10 mm range.	A comfortable starting position can be found under the supervision of a trained dentist by inserting the device unlocked into the mouth and moving the lower jaw. When the optimal level of protrusion is found, the device is removed and locked in position before wearing during sleep. A titration protocol is recommended whereby the lower jaw is advanced 1 mm per week if required until symptoms are relieved.
Materials		5.5 grams of catalyst and base retention material are required to fit the top or bottom trays of the low, medium, or high Apnea Guard.	Cobalt chromium hardware, the trays are made of a durable polymer and the inner lining is one of two types designated by the clinician. Triple Laminare is the most popular, using DuraSoft, which enables retention by comfortably gripping the teeth. ThermAcryl is the other option, which softens when heated to allow reshaping for patients who are having dental work.	Soft thermal plastic and hard acrylic.	Rilsan plastic splints (no latex or BPA) with thermoplastic lining.
Recommended Cleaning		Rinse with cold water and air dry.	Clean thoroughly after each use with a regular soft toothbrush, mild soap, and cool water. Always rinse thoroughly and allow to air dry before storing in the container.	Clean daily with soft toothbrush and toothpaste.	Daily cleaning with cold water and soft toothbrush. Regular soaking in a sterilizing solution.
Peer-reviewed Study		Not provided	Hoekema A, Stegenga B, et al. Obstructive sleep apnea. <i>Journal of Dental Research</i> . 2008;87(9):882-887.	Not provided	El Ibrahim M. Pilot study of a new adjustable thermoplastic mandibular advancement device for the management of obstructive sleep apnoea-hypopnoea syndrome. <i>The Open Respiratory Medicine Journal</i> . 2016;10:46-50.

Distar LLC	Dream Systems LLC	DynaFlex	Gergen's Sleep Appliance Lab	Glidewell Laboratories
 <p>Adjustable TheraSnore</p>	 <p>OASYS with Nasal Dilators (Optional Tongue Repositioners)</p>	 <p>DynaFlex Dorsal</p>	 <p>Sleep Herbst</p>	 <p>aveoTSD</p>
www.distar.com	www.dreamsystemsdentallab.com	www.dynaflex.com	www.gergensortho.com	www.glidewell dental.com
365	365	365	360	180 (replacement if device defective)
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X				X
<p>The Adjustable TheraSnore is worn on the maxillary arch and gently holds the mandible in a protrusive position. The mandible has complete vertical and lateral freedom of movement, thereby eliminating any TMJ discomfort.</p>	<p>The device repositions the mandible, the nasal dilators improve nasal breathing, and the tongue buttons improve tongue position, plus a removable bracket can be added for combination therapy with CPAP.</p>	<p>The DynaFlex Dorsal is a mandibular advancement device. The forward advancement of the lower jaw helps to gain airway opening.</p>	<p>The Sleep Herbst holds the lower jaw in a resting protrusive position.</p>	<p>Unlike traditional mandibular advancement devices that indirectly move the tongue forward by moving the mandible, the aveoTSD gently suctions onto the tongue, preventing it from falling back into the throat and obstructing the airway.</p>
<p>Fabricated in the doctor's office in 45 minutes or less. Available in different arch sizes providing a more comfortable fit and adjustable with precise settings. Custom fit to each individual patient with minimal trimming for maximum patient comfort and immediate delivery.</p>	<p>The Oasys upper splint is placed. The lower splint with anterior shield is seated. If combination therapy is required, the appliance is retrofitted to include a removable bracket.</p>	<p>After receiving a set of PVS or good working models, a custom fitted Dorsal is fabricated exactly to the bite registration that is provided by the dentist to the lab. The appliance is returned to the sleep practice and delivered to the patient and adjusted by a qualified dental sleep clinician.</p>	<p>Place the appliance in the patient's mouth then evaluate for retention and areas of discomfort.</p>	<p>The aveoTSD is available in three sizes: small, medium, and large. The medium size fits 90% of individuals, though health professionals can purchase a patient sizing kit to properly choose a device for each patient.</p>
<p>Easily adjusted by separating the two halves of the appliance and following the number guide along the side of the appliance to the appropriate protrusion setting. Appliance is snapped back together at the desired setting via a locking mechanism.</p>	<p>The anterior shield is on a sliding/locking system, with mm guides. Pushing on the shield increases protrusion/pulling reduces. Finger adjustment is used for the nasal and lingual buttons.</p>	<p>The DynaFlex Dorsal has 6 mm of mandibular advancement built into the device. The adjustment ratio is 10:1, allowing for very precise forward movement of the lower jaw during titration of the device.</p>	<p>The threaded system provides advancement in 1/16 mm increments. For example, a 90-degree turn of the advancement collar until the next hole appears results in 1/16 mm of jaw translation. Therefore a 180-degree turn is 1/8 mm of translation. The mechanism will gradually allow up to 5 mm of movement. Be aware that the (+) and (-) symbols on the advancement sleeve indicate the direction of advancement: (+) advances and (-) retracts.</p>	<p>The aveoTSD is not adjustable.</p>
<p>Soft thermal plastic over-molded on a hard acrylic.</p>	<p>Upper: 1.5 mm/2 mm Vacuform splint; lower: ThermoFlex hard splint, with hard acrylic shield, onlays, and buttons; stainless steel wire, ball clasps, locks; Duraloy wire for the nasal dilators and tongue buttons, plastic bracket and medical-grade nasal CPAP mask.</p>	<p>Available in three different materials or liners: all acrylic with ball clasps, comfort fit (hard soft liner), and ACCU-FIT (therm acrylic liner).</p>	<p>Hard acrylic.</p>	<p>Medical-grade silicone.</p>
<p>Brush appliance after each use to remove any debris and clean using Ortho Fresh Cold Water Cleaner.</p>	<p>Brush gently with soft toothbrush and anti-bacterial soap. Use non-alcohol denture cleaner for 15 minutes. Air dry.</p>	<p>The appliance should be cleaned with a soft toothbrush and a mild soap then stored during the day in hard storage case.</p>	<p>Regularly clean the appliance the same way you clean your teeth, with a toothbrush, toothpaste, and cool water. Over-the-counter effervescent denture cleaners or alcohol can alter the color and damage or weaken the appliance. Using these products may void the warranty.</p>	<p>Rinse daily in hot water. Once a week, the aveoTSD should be given a thorough wash.</p>
<p>Schmidt-Nowara W et al. Oral appliances for the treatment of snoring and obstructive sleep apnea. <i>The Journal of Practical Hygiene</i>. September/October 2001.</p>	<p>Not provided</p>	<p>Not provided</p>	<p>Not provided</p>	<p>Not provided</p>

Company		Great Lakes Orthodontics Ltd	Laboratory ONIRIS	Luco Hybrid OSA Appliance Inc	MPowrx Health and Wellness Products 2012 Inc
Product		 Herbst Appliance	 ONIRIS	 The Luco Hybrid OSA Appliance	 iSleepSound
Website		www.greatlakesortho.com	www.oniris-snoring.com	www.lucohybridosa.com	www.isleepsound.com
Warranty (days)		90 (metal component); 365 (body material)	180	1,695	30
INDICATIONS	Mild to Moderate OSA	X	X	X	
	Snoring	X	X	X	X
	Bruxism	X		X	
TYPE	Custom	X		X	
	Noncustom				X
	Boil and Bite		X		
How Does the Oral Appliance Work?		It works by repositioning and holding the mandible in a more protrusive position, thereby holding the tongue forward and airway open.	Oniris combines a simple custom-fitted tooth print, a vertical opening of the jaw not limited to a single position and an adjustment mechanism with a 1 mm accuracy. It opens the patient's airway through advancement of the mandible for a truly effective and well tolerated solution for snoring and sleep apnea.	This device works by advancing the mandible forward and placing the bite forward in the cuspid region. This stabilizes the airway and reduces the sleep bruxism/muscle activity. The FDA has cleared the Luco Hybrid as the first (and only) dental treatment of sleep bruxism and to aid in the treatment of tension/migraine type headaches (K160477). This is in addition to the medical clearance for sleep apnea and snoring (K130797).	iSleepSound uses tongue displacement technology to gently and comfortably solve snoring problems. By pulling the tongue gently forward, the device clears blocked airways, resulting in a quieter, more comfortable sleep.
Fitting Description		Very few adjustments are required. The hard acrylic snaps into place. When requested, retention clasps can be added.	Fitting takes less than 5 minutes. Submerge in boiled water for 2 minutes. Wait 15 seconds to cool off and place in patient's mouth to custom mold for 2 minutes.	Very simple to insert, no lingual acrylic. Retained by four small ball clasps per appliance.	iSleepSound has been designed as "one size fits all" and requires no special fitting by a sleep specialist. The device fits comfortably between the lips and teeth and has an aperture with a bulb for holding the tongue. Once the bulb is squeezed to reduce the air volume, a vacuum is formed that keeps the tongue comfortably retained within the bulb.
Adjustment Description		Small increments using advancement shims, or up to 5 mm with a 1 mm retraction using telescopic hardware.	Gradually increase the advancement of the lower section millimeter by millimeter, using easily interchangeable connecting rods. The rods come in nine lengths and will not disengage or break even in the case of patients with bruxism.	Titration is by two orthodontic screws that are turned with a key (wire). Adjustable in 0.25 mm adjustments up to 6 mm.	Some find the device suction too strongly and makes their tongue sore; suggest they leave a pocket of air at end of bulb to ease suction. Others say it does not suction enough and dislodges their tongue; suggest a dab of olive oil inside the bulb to help increase suction. The third group finds it just right; no adjustment suggestions are needed.
Materials		Standard hard acrylic and soft version, but can be made of Variflex, a thermo-active option.	A soft inner liner, which maintains retention and offers premium patient comfort, in a hard plastic providing the dimensional stability and high lifetime.	Chrome cobalt, methyl methacrylate, stainless steel.	Soft, thin, flexible medical grade plastic resin. BPA free.
Recommended Cleaning		Use of DentaSOAK is recommended along with toothbrush and toothpaste daily. Must be stored dry.	Clean daily with soft toothbrush and toothpaste. Rinse with cold water.	Clean with liquid soap and a soft toothbrush.	Clean regularly with any denture/orthodontic appliance cleaning solution or tablets. A mix of toothpaste and water can also be used. Let it soak for 10 minutes with the cleaning solution and cold water, swishing it before taking it out to air dry.
Peer-reviewed Study		<i>Sleep journal</i> , 2006.	Marty M, Lacaze O, Arreto CD, Pierrisnard L, Bour F, Chéliout-Hérait F, Simonneau G. Snoring and obstructive sleep apnea: objective efficacy and impact of a chair-side fabricated mandibular advancement device. <i>Journal of Prosthodontics</i> . 2015. doi:10.1111/jopr.12401	Not provided	Brant R, Dort L. A randomized, controlled, crossover study of a noncustomized tongue retaining device for sleep disordered breathing. <i>Journal of Sleep and Breathing</i> . 2008 Nov;12(4):369-73.

Myerson	OravanOSA	Oventus	Panthera Dental
			
Myerson EMA	Oravan Herbst	O ₂ Vent T	Panthera D-SAD (Digital – Sleep Apnea Device)
www.myersontooth.com	www.oravansa.com	www.oventusmedical.com	www.pantherasleep.com
N/A	730	1,095 (titanium mouth guard); 365 (polymer inserts)	1,825
X	X	X	X
X	X	X	X
X			X
X	X	X	X
<p>EMA uses interchangeable elastic straps and posterior bite pads attached to thermoformed custom trays to allow gradual advancement of the mandible and increased vertical opening until treatment is successful.</p>	<p>The device opens the patient's airway through advancement of the mandible using an adjustable telescopic Herbst mechanism. Like the Oravan device, Oravan Herbst has a truly open anterior design, encouraging natural protrusion of the tongue and maximum patient comfort.</p>	<p>The O₂Vent T stabilizes jaw position and brings the tongue forward to reduce airway collapse. In addition, the unique airway design allows for breathing through the device to bypass obstruction in the nose, which can contribute to snoring and sleep apnea. The adjustment key allows for forward or backward adjustment of the lower jaw to optimize treatment.</p>	<p>The appliance uses the posterior teeth to maintain the lower jaw in a protruded position. The D-SAD is a CAD/CAM appliance that offers the option of Braebon Dentitrac (in some countries), thus enabling compliance monitoring.</p>
<p>Fit the upper and lower appliances without the elastic straps to check for comfort and to make sure there is no gingival impingement. Check the posterior bite pads for even occlusion.</p>	<p>The Oravan Herbst is custom fitted to each patient by a dentist who takes impressions and bite registration. As a result of the no anterior coverage, less clinical chair time is required, and the Oravan Herbst will not interfere with any anterior dental cosmetic work.</p>	<p>The clinician takes impressions and bite registration for the patient, which are sent to Oventus for manufacturing the appliance. Scans of the dental models are loaded into proprietary software to design the appliance. The bespoke designs are then 3-D printed using titanium. Following polishing and forming the polymer inserts on the top and bottom, the appliance is packaged and sent to the clinician for delivery to the patient.</p>	<p>Compatible with intra-oral scanning technology or regular dental impressions. Each case is designed on proprietary software so that retention can be adjusted individually. Panthera Dental can work with any bite and can design the case according to any dentist's requirements.</p>
<p>The EMA appliance uses 4 different strengths of elastic straps in 9 different lengths to gradually titrate the mandible. The shorter or stronger the strap, the further the mandible is advanced.</p>	<p>The Oravan Herbst can be adjusted by inserting the key into the adjustment mechanism that is located on the anterior mandibular component of the device. Can be advanced in very small increments, up to 5 mm.</p>	<p>The 510(k) FDA-cleared device is adjustable. Adjustment is by way of a screw in the front section of the device attaching the upper and lower trays with up to 7 mm total range achievable (5 mm further advancement and 2 mm retraction) and lateral movement also possible.</p>	<p>Panthera Dental uses a patented locking mechanism so the rods can be easily replaced for titration. The rods will not disengage during sleep and will not elongate, even in the case of patients with bruxism. Rods come in 0.5 mm increments and lengths vary from 18 mm to 35 mm.</p>
<p>Completely metal free; the custom trays are made from a proprietary thermoplastic and the straps from a latex-free polymer.</p>	Acrylic.	<p>Polished titanium (permanent 3-D printed mouth guard); dental polymer laminate (customized plastic molds to fit the teeth).</p>	<p>Type 12 organic polyamide (appliance and rods). This flexible and lightweight nylon is available through a CAD/CAM process.</p>
<p>Clean appliance in tepid water with a toothbrush and toothpaste or soak it in a denture cleaning solution; no mouthwash.</p>	<p>Clean with cold water and a soft toothbrush every morning. If one wishes to use toothpaste to clean the Oravan Herbst, brush lightly and thoroughly rinse. Shake dry and store the device in its container until the next use.</p>	<p>Wash daily under running water. Twice a week use an ultrasonic cleaner in warm water with a Retainer Brite cleaning tablet.</p>	<p>Prepare the provided solution using tap water. Soak appliance in solution during the day. Rinse under fresh water before use.</p>
<p>Sutherland K, et al; on behalf of the ORANGE-Registry. Oral appliance treatment for obstructive sleep apnea: an update. <i>J Clin Sleep Med</i>. 2014;10(2):215-227.</p>	<p>Sutherland K, et al; on behalf of the ORANGE-Registry. Oral appliance treatment for obstructive sleep apnea: an update. <i>J Clin Sleep Med</i>. 2014;10(2):215-227.</p>	<p>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. <i>Journal of Dental Sleep Medicine</i>. 2016;3(3):97.</p>	Not provided

Company		ProSomnus Sleep Technologies	ResMed	SML-Space Maintainers Laboratories	
Product		 Micro ₂ Sleep and Snore Device	 Narval CC	 Adjustable Herbst Appliance - Acrylic	 Lamberg-Sleep Well Appliance
Website		www.micro2sleepdevice.com, www.prosomnus.com	www.resmed.com/narval	www.smlglobal.com	www.smlglobal.com
Warranty (days)		1,095	1,095	1,095	1,095
INDICATIONS	Mild to Moderate OSA	X	X	X	X
	Snoring	X	X	X	X
	Bruxism			X	X
TYPE	Custom	X	X	X	X
	Noncustom				
	Boil and Bite				
How Does the Oral Appliance Work?		MicrO ₂ utilizes vertically mated buccal posts to advance and hold the mandible forward to open the airway.	Narval CC uses an optimized articulation method that maintains the mandible in an advanced position, opening the upper airway to enable effective treatment.	Upper and lower acrylic trays (which fit snugly over teeth) are joined by two bars on either side which allow the lower tray to be advanced forward, thus comfortably opening the airway.	It advances the mandible by holding it in a protrusive position.
Fitting Description		The MicrO ₂ consists of a series of incrementally advanced full arches that are uniquely lingual-less and metal free. Dentists must provide ProSomnus Sleep Technologies with patient impressions or digital scans along with a repositioning or neuromuscular bite registration and prescribed advancements. Dentists and patients alike experience easy and fast insertion due to the accuracy of the digital design and milling process.	Narval is a computer-aided design and computer-aided manufacturing (CAD/CAM) MRD device, and each device is fitted specifically to the patient by their dentist. The dentist will take an impression—just like they would for any dental procedure—and will define the initial amount of protrusion required. The lateral flexibility allows patients to talk and drink while wearing the device.	Place the upper part in the patient's mouth and gently press it up into place with your thumbs. Place the lower part against the upper part and bring mandible forward so the patient can insert their mandibular teeth into the lower appliance. Press down with forefingers to finish the seating of the appliance. The upper front teeth should feel comfortable with the appliance in place. An acrylic lab bur can be used to relieve any pressure spots on the inside of the appliance.	The dentist seats the upper and lower appliance separately to determine: a snug and secure fit, patient comfort, and the ability of the patient to easily insert and remove the appliance. Adams clasps adjust to achieve optimal comfort and retention.
Adjustment Description		Adjustments are accomplished by simply removing an arch and inserting the next arch in the series of advancement arches. Combinations of different arches add up to a new titration increment. No screws, mechanisms, or elastics required.	If patients are still experiencing symptoms at first follow-up, the dentist will adjust fit by replacing the flexible, non-metal connecting rods to adjust fit. Narval CC is easy to titrate and highly adjustable with connecting rods that allow for 15 mm of protrusive range at 0.5 mm increments.	The Herbst Adjustment Nut (1) requires four complete 360-degree turns to achieve 1 mm of advancement. The Counter Adjustment Nut (2) is used to secure and stabilize the desired position of the advancement nut (1) when tightened in the opposite direction. If additional advancement is necessary, have the patient remove appliance first. Be sure to advance the appliance bilaterally and record the millimeters of adjustment made.	Each patient receives his/her own box of inserts, which includes a sequence of numbered protrusive elements that advance the mandible in 0.5 mm increments. The patient simply pops out the insert on the upper member and replaces it with the following insert in the numbered sequence.
Materials		Pre-polymerized, milled polymethyl-methacrylate (PMMA).	A flexible, lightweight polymer that is CAD/CAM custom-made for a patient's mouth.	Acrylic or vacuum form.	Special SML brand sleep appliance acrylic.
Recommended Cleaning		Clean daily using a regular soft toothbrush, cool or warm water, and mild detergent such as orthodontic device cleaners. Never use toothpaste to clean. Do not soak. Store in dry container.	Daily cleaning recommended. Rinse in lukewarm water; clean with a soft, clean toothbrush. (Do not use the same toothbrush used to brush teeth, as toothpaste can damage the device.) Rinse in lukewarm water, and dry with a clean paper towel before putting it back in storage box.	Clean the appliance with Prodent Clean Appliance Cleaner daily. Gently rinse with cool clean water. Air dry before storing. Keep appliance trays clean; examine for signs of wear and tear. If you suspect that damage has occurred, do not wear appliance until you contact dentist and have appliance inspected. Do not use toothpaste.	Clean once daily with OAP anti-microbial dental appliance cleaner.
Peer-reviewed Study		Hu J, Kuhns D, Kim S, Liptak L, Sheppard L. Case Report: The MicrO ₂ Sleep Device. <i>Dental Sleep Practice</i> . Summer 2015:24-7.	Vecchierini MF, Attali V, Collet JM, et al. A custom-made mandibular repositioning device for obstructive sleep apnoea-hypopnoea syndrome: the ORCADES study. <i>Sleep Med</i> . 2015.	Not provided	Not provided

SomnoMed		Tomed GmbH	Whole You Inc
			
SomnoDent Fusion	SomnoDent Herbst Advance with Compliance Recorder	SomnoGuard AP 2	Respire Blue EF
www.somnomed.com	www.somnomed.com	www.tomed.com	www.wholeyou.com
1,095	365 (non-Medicare); 1,095 (Medicare)	365 (against manufacturer's defects)	365
X	X	X	X
		X	X
X	X		X
		X	
It advances the mandible to open the airway and hold the jaw in position.	The first oral device with compliance recording, it advances the mandible to open the airway and hold the jaw in position.	The 2-part SomnoGuard AP repositions the lower jaw forward and thereby prevents the collapse of the upper airway. With the device in place, the upper airway is wider and the patient can breathe more easily without snoring.	The Respire Blue EF maximizes tongue space by using a thin, yet strong chrome material on the lingual and anterior areas.
The patient will be fitted for the device by a qualified dental sleep professional. The dentist will make a model of the patient's teeth and take a protrusive bite registration.	The patient will be fitted for the device by a qualified dental sleep professional. The dentist will make a model of the patient's teeth and take a protrusive bite registration.	Fitting can be done by doctors or their trained staff in approximately 15 minutes. No special accessories needed apart from a boiling water bath, a small pair of scissors, and gripping tongs.	Place the upper piece in first, and then the lower.
The SomnoDent Fusion is advanced in 1 mm increments by changing the wings on the lower device or more precisely by adjusting the screw in 0.1 mm increments using the screw on the top device. The SomnoDent Fusion offers a custom 8.5 mm range of calibration, reducing the need for device resets.	Herbst Advance can easily be adjusted in 0.1 mm increments by using provided titration key; gauge protrusive movement by using the proprietary visual indicator, giving total control of their treatment. With an 8 mm range of calibration, even when starting patients with a conservative protrusive registration you can offer patients continuous therapeutic efficacy.	The lower jaw can be infinitely repositioned forward (titration) by any degree up to about 10 mm by an adjusting screw inserted into the screw guide of the lower jaw tray. Adjustments are quickly and easily made outside of the mouth. Protrusion changes can be done by doctors or the instructed patients themselves.	The adjustment screw allows advancement up to 6 mm.
Acrylic.	Acrylic.	Rigid tray walls: rigid polycarbonate; lining: soft thermal copolymer; stainless steel adjusting screws.	Acrylic and chrome.
Clean the device every morning after removing it from the mouth using a soft toothbrush, but never use toothpaste as it contains abrasives. SomnoMed recommends using SomTabs for daily cleaning.	Clean the device every morning after removing it from the mouth using a soft toothbrush, but never use toothpaste as it contains abrasives. SomnoMed recommends using SomTabs for daily cleaning of a SomnoDent device.	Clean daily with soft toothbrush and mild liquid soap or a liquid denture cleaner. Rinse and let the device dry in the open air.	Upon removal the device should be rinsed and cleaned with soap and water, using a soft brush.
SomnoMed SomnoDent Fusion Obstructive Sleep Apnea Device. <i>Dental Product Shopper</i> . 2015;9(6):72-3.	Not provided	Banhiran W, Kittiphumwong P, Assanasen P, Chongkolwattana C, Metheetrairut C. Adjustable thermoplastic mandibular advancement device for obstructive sleep apnea: outcomes and practicability. <i>Laryngoscope</i> . 2014 Oct;124(10):2427-32.	Not provided