



Your Full Service Dental Laboratory

CAD/CAM and Milling
Cosmetic Dentistry
Crowns & Bridges
Dental Implant Prosthetics
Full/Partial Dentures
Snoring & Sleep Apnea
Orthodontics
Mouthguards & Thermoforming
Streamline Aligners

Your Snoring & Sleep Apnea Appliance Experts!

Technical expertise beyond your expectations!

Orthodont® has the experience and expertise to construct a wide variety of Snoring & Sleep Appliances to fit your patients' needs.

311 Viola Street Oshawa, ON L1H 3A7

800.267.8463 TOLL FREE

905.436.3133

www.orthodont.ca



Snoring & Sleep Apnea Appliance Experts!



SilentNite® /Silensor S/L



The Panthera D-SAD



SomnoDent® Classic



SomnoDent Herbst Advance®



The O2 Oasys Oral/
Nasal Airway System



DDSO™
(Diamond Digital Sleep Orthotic)



O2Vent Optima™



dreamTAP™



Thornton Adjustable
Positioner – TAP III®



EMA® Appliance (Elastic
Mandibular Advancement)

When Quality Counts.. You Can Rest Assured

Dear Doctor:

Sleep apnea is a serious and debilitating disorder that occurs when a person's breathing is interrupted during sleep. Symptoms can include loud snoring, restless sleep, morning headaches, daytime fatigue, irritability, mood swings, depression, and learning and/or memory difficulties. If left untreated, sleep apnea can result in a growing number of health problems, including cardiovascular disease, heart attack, high blood pressure, stroke, diabetes, and even sudden death. Sleep apnea affects more men than women, with an estimated one in every 15 people affected by at least moderate sleep apnea. The most common type of sleep apnea, obstructive sleep apnea, is caused by a blockage of the airway, usually when the soft tissue in the back of the throat collapses during sleep. While behavioral changes can help to some degree, dental appliances have been found to be a more effective treatment for people suffering from mild to moderate obstructive sleep apnea. The advantage of a dental appliance is that it does not require surgery and it is small and more portable than a bulky CPAP machine.

Orthodont® is proud to introduce our line of Snoring & Sleep Apnea appliances in this brochure. Our appliances can offer patients welcome relief from the effects of sleep apnea, especially when surgery is not an option. An Orthodont® appliance may be used to reduce the volume and frequency of snoring, or to improve airflow and interrupted breathing, or for both of these issues. Many doctors find that choosing the correct appliance from Orthodont® is the perfect solution for their patients finally getting a restful night's sleep, which can lead to their reduced daytime sleepiness and the possible prevention of other more serious health problems.

Here you will find information about our most popular appliances that can be incorporated easily into your armamentarium of treatment options. Our knowledgeable technicians can assist you in developing and constructing the ideal appliance for both you and your patients.

Bill Van Evans, President



SilentNite® /Silensor S/L



The SilentNite® appliance positions the lower jaw into a forward position by means of special connectors that are attached to the upper and lower forms.

The SilentNite® does not interfere with breathing through the mouth. The connectors allow the patient to move the jaw side to side and open and close the mouth, minimizing potential stiffness in the joints of the jaw in the morning.



For additional information, call toll free: 800.267.8463

The Panthera D-SAD



Digital–Sleep Apnea Device

The Panthera D–SAD is a dental appliance that can be used for the treatment of snoring and/or obstructive sleep apnea.

The appliance is made of type 12 polyamide, a resistant biocompatible nylon.

The Panthera D–SAD is recommended to be prescribed for the treatment of snoring, mild to moderate sleep apnea, and severe sleep apnea for patients who do not tolerate the CPAP treatment or comply with it.

The Panthera D–SAD is the smallest device in the industry and it is the only one that is entirely printed using CAD/CAM technology.

- Efficient & Comfortable
- Small & Light
- Flexible & Resistant
- 3 Year Warranty



SomnoDent® Classic

Clinically proven and manufactured under FDA–regulated and ISO 13485 standards.

- The SomnoDent® Classic is SomnoMed’s original innovation in customized oral devices, the Classic is held in place using medical grade stainless steel ball clasps
- Offers drop in fit
- Comes in a version that allows for more space for the patient’s tongue.
- 91% of patients reported improvement in sleep quality with SomnoDent®
- All SomnoDent® products feature a 3–year warranty against manufacturing defects.

SomnoDent Herbst Advance®

SomnoDent Herbst Advance®...Innovation in Calibration

The SomnoDent Herbst Advance® is the first and only intraoral device featuring a visual calibration indicator for the treatment of OSA, giving you and your patients greater control over OSA therapy.

Herbst Advance® Benefits

- High level of patient comfort and satisfaction
- E0486 Medicare approved
- Reduced chair time due to minimal adjustments needed
- Proprietary SMH BFlex lining that does not attract odours or delaminate
- Supported by years of medical research
- 3 year product warranty against manufacturing defects.
FDA 510(k) cleared, Class II Medical Devices
- All devices manufactured under 21 CFR 820 and ISO 13485 standards



SomnoDent® Classic



SomnoDent Herbst Advance®

SomnoDent® oral devices are clinically proven, safe, and FDA cleared for mild to moderate obstructive sleep apnea (OSA). As a mandibular advancement splint (MAS), the SomnoDent® oral devices function by comfortably positioning the patient’s mandibular forward, clearing the obstructed airway.

The O2 Oasys Oral/Nasal Airway System

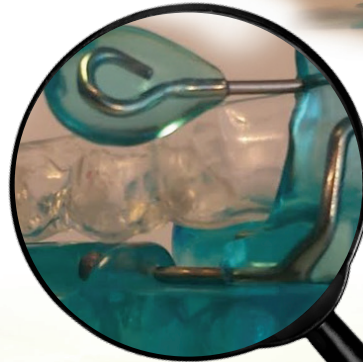


This is the first dental device for Snoring, Obstructive Sleep Apnea (OSA) and Upper Airway Resistance Syndrome (UARS) that treats the two major causes of sleep disordered breathing by addressing upper airway resistance in the nasal region and blockage in the throat region.

The OASYS is FDA approved as a medical device in two separate classifications (1) As a mandibular repositioner for treatment of snoring and sleep apnea and (2) As a nasal dilator for improved ease of breathing.

Easy Mandibular Advancement and Retraction with Patient-Friendly Locking System

- Nasal Dilators to Improve Nasal Breathing
- Optional Lingual Tongue Repositioning / Training
- Buttons for Increased Benefit to Moderate/Severe OSA Patients
- Maximum Tongue Space & Freedom of Movement
- MM Scale to Track Mandibular Position.
- The Recommended Oral Appliance for UARS—Upper Airway Resistance Syndrome



DDSO™ (Diamond Digital Sleep Orthotic)



Core Features and Benefits!

- Mandibular Repositioning – Repositions the mandible forward which brings the base of the tongue forward, opening the oropharynx and strengthening the upper airway. This results in greater resistance to airway collapse. By holding against the front teeth it uses the proprioceptive stimulation of the dentition to encourage the mandible to reposition in a gentle way.
- Adjustability
- Elastomeric straps allow for some lateral movement and prevent retrusion of the mandible.
- Elastomeric straps are available in a range of sizes to allow for titration of the mandible.
- Maximum Intraoral Volume – accomplishes dual action of mandibular repositioning and nasal dilation while maintaining maximum intraoral space for the tongue. Designed Digitally and 3D printed in white biocompatible Nylon allowing for a thinner, more comfortable, more durable appliance.
- Reduction of Forces on Teeth – comes with an upper and lower splint that distributes the forces of repositioning throughout both arches.
- Flexibility – Optional occlusal schemes include: anterior, posterior, tripod or full coverage.
- Digital design and fabrication allows for replacements to be made without new records, should the appliance be lost or damaged.



For additional information, call toll free: 800.267.8463

O2Vent Optima™



O2Vent Optima is 3D printed in nylon and it offers a lightweight, durable and a discreet alternative to CPAP for flexible lifestyles.

The O2Vent Optima not only advances the jaw forward to open your airway, it incorporates the proprietary Oventus Airway Technology to improve the effectiveness of oral appliance therapy.

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.

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



dreamTAP™

With the dreamTAP™, the goal is to prevent snoring and sleep apnea, thereby improving health and quality of life.

The dreamTAP is a custom, adjustable oral appliance that is worn while sleeping. The appliance holds the lower jaw forward, preventing the tongue and soft tissue of the throat from collapsing into the airway.

Whether for you or someone you know, dreamTAP™ is the key to better sleep and better health.

Thornton Adjustable Positioner – TAP III®

The Thornton Adjustable Positioner TAP III® uses the principle of cardiopulmonary resuscitation to keep the airway open in order to help patients maintain proper breathing techniques.

Oxygen is allowed to flow adequately into the airway with the help of a device that holds the lower jaw forward to prevent collapse of the airway and eliminate instances of breathing cessation.

With improved breathing, patients are able to get a good night's rest and give their partners a chance to sleep with decreased snoring. The TAP III® device is comfortable and adjustable to fit the patients' unique mouth size and shape.



EMA[®] Appliance (Elastic Mandibular Advancement)

EMA's thin, clear upper and lower bases are custom pressure-formed from your patient's models. Fitting like a retainer, they utilize undercut areas of teeth for retention. Full occlusal coverage on both arches ensures excellent long-term stability (without tooth movement).

EMA[®] appliances have no projections in the palate ensuring maximum anterior tongue space. The specially designed, patented elastic straps on the EMA[®] appliance provide unsurpassed lateral freedom and overall TMJ comfort.

These straps gently bring the mandible forward into the desired position moving the tongue forward and opening up the airway.



For additional information, call toll free: 800.267.8463

How to Send a Case

To fabricate snoring and sleep apnea appliances, accurate working models and bite registration are needed. To avoid any model distortion, the impressions should be poured as soon as possible. The bite is taken with the mandible advanced to the construction position to allow appliance construction, and open the airway. The upper and lower midline relationship should remain the same. The models and bite should be wrapped individually and sent to Orthodont® for appliance fabrication.

Delivery Times

Our normal scheduling is 5 days in the laboratory for all sleep apnea appliances, except for SomnoMed® appliances (10 days). To be sure your appliances are delivered promptly, please use the “date wanted” box on all your prescription forms that require a specific due date and include a time also if known. It is important to allow 2 days for shipping each way when scheduling your cases.

Shipping & Handling

To avoid damage, we recommend that each model is wrapped individually. All models should be marked with both the patient and doctor’s name for proper identification. For shipping your cases to Orthodont®, we provide convenient prepaid courier service anywhere in North America. Please call our office to arrange for a pick up.

Technical Assistance

Orthodont® is as close as your telephone. Feel free to call 800.267.8463 for assistance on appliance designs and appliance adjustments.

We welcome the opportunity to work with you!

For additional information, call toll free: 800.267.8463

