

THANK YOU

for choosing the Medley Sleep Appliance for your Patient

Introduction - by Dr. Robert Rogers



The new Medley Appliance represents personalized, state-of-the-art technology in appliance therapy for the treatment of sleep disordered breathing. I have been using it in my office almost exclusively for the last five years. It has served me and my patients very well.

The Medley features a platform with dual configuration options that will accept different design applications: rigid nylon links, elastomeric straps, and Herbst®* arms. Each of the applications can be placed or removed from the platform in about 60 seconds chairside by an assistant. The Medley gives us the ability to address specific patient needs and circumstances without delay or multiple appliances.

I hope you and your patients find it as effective and successful as my patients and I have.

Three Different Design Applications

1 MEDLEY ROD SLEEVE

This design employs a “pushing” force. Extra strength and a firmer jaw positioning are available with this approach. Initial delivery should employ UP2, LA1 (Upper Posterior 2, Lower Anterior 1) support positions. It should be noted that these support positions are not the same screw supports that the elastomeric and link applications utilize. The Medley Rod Sleeve is PDAC approved.



2 MEDLEY LINKS

This design employs a mandibular “pulling” force and is very similar in concept to the Medley Elastomeric. However, the nylon link material provides a rigid, firmer advancement feel, will not deform in a significant way, and will last at least 1-2 years. Initial delivery should employ UA2, LP2 (Upper Anterior 2, Lower Posterior 2) support positions.



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Three Different Design Applications (continued)

3 MEDLEY ELASTOMERIC

This design employs a mandibular “pulling” force. The elastomeric (EMA) straps allow maximum comfort during advancement due to the slight stretching capability and may be helpful for patients who have tender temporomandibular joints, slightly mobile teeth, or simply prefer a “softer feel”. It may also serve as a transition appliance prior to introducing a more rigid approach to jaw positioning. This design is a vast improvement over other traditional elastomeric appliances because the attachment buttons (screws) are stronger and the straps are much easier to place and remove. Initial delivery should employ UA2, LP2 (Upper Anterior 2, Lower Posterior 2) support positions.



Support Design

The supports embedded into the base appliance frame allow the different design applications to be placed and removed easily, in-office, in a matter of minutes. Different screw holes are available to accept the different design applications and to allow for stepped up advancement capability when the initial advancement potential is exceeded.

All the design applications are fixed to the support via screws which must be tightened securely (to between 3.0 and 3.5 inch-pounds) prior to delivery of the appliance to the patient. The patient should be instructed to check the tightness of the screws on a regular basis and the provider should check the tightness of the screws at each periodic evaluation. Care must be taken to avoid over-tightening the screws to avoid stripping the threads.



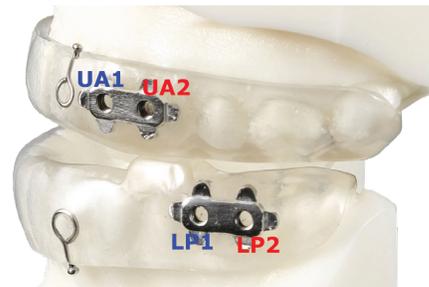
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Design Application and Use

ELASTOMERIC AND LINK APPLICATION

Both of these design applications should be initially attached to the supports at the UA2, LP2 (Upper Anterior 2, Lower Posterior 2) positions. Begin therapy utilizing the longest strap or link. After an initial adjustment period of several days, the patient can proceed through the strap or link series utilizing successively shorter straps or links to advance the mandible slowly and comfortably during a timeframe determined by the provider. Each successive strap or link will move the jaw 1mm. If more advancement is needed after the shortest strap or link is used, simply move the upper screw anteriorly into the UA1 position and transition through the straps or links again. If the initial therapeutic jaw position is too far forward for patient comfort at the delivery visit, simply move the lower screw anteriorly into the LP1 position to allow the mandible to retrude into a more comfortable position.



ROD SLEEVE APPLICATION

This design application should be attached to the supports at the UP2, LA1 (Upper Posterior 2, Lower Anterior 1) positions. (It should be noted that these attachment locations are different than the elastomeric/link attachment locations.)

Begin therapy with the rod at a slightly advanced position. (Leave room to retrude 2mm if necessary for patient comfort.) After an initial adjustment period of several days, the patient can proceed through the length of the rod adjustment by advancing the telescopic ring in the appropriate manner to bring the mandible forward slowly and comfortably during a timeframe determined by the provider.



Note: Patient instructions are available on the Great Lakes website (greatlakesdentaltech.com). It is recommended that the provider be familiar with the patient instructions regarding advancement, use of the AM Aligner, and appliance care.

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The Medley Configuration Kit

Features all the necessary components to easily change the advancement mechanisms or as a convenient inventory of replacement parts for patient requests.

The kit includes:

- 1 Set of Rigid Nylon Links (sizes 17-22mm)
- 4 Link Screws
- 1 Set of Blue & Yellow Elastomeric Straps (sizes 16-21mm)
- 4 Elastomeric Screws
- 4 Screw Wrenches



AM Aligner

The AM Aligner exercises the patient's mandible comfortably back into normal occlusion. Heat-softening material easily conforms to dentition and conveniently softens in a therm bath at 160°.

Note: It is recommended that the AM Aligner be adapted at the same time the initial records are being captured to help the patient find their normal bite position after wearing a sleep appliance. The AM Aligner is included on the Medley prescription or can be purchased on the Great Lakes website.



Contraindications

This device is contraindicated for patients under 18 years of age and/or with:

- Central Sleep Apnea
- Severe respiratory disorders
- Loose teeth or advanced periodontal disease
- Loose dental work, dentures, or other oral conditions which would be adversely affected by utilizing dental appliances

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Warnings

Use of this device may cause the following:

- Tooth movement or changes in dental occlusion
- Gingival or dental soreness
- Muscle pain or soreness
- Obstruction of oral breathing
- Excessive salivation
- Excessive dry mouth
- Loosening of teeth or dental restorations

Considerations

Dentists should consider the medical history of patients, including history of asthma, breathing, or inspiratory disorders, or other relevant health problems and refer the patient to the appropriate healthcare provider as needed before prescribing the device.

The patient should understand that any future dental work that changes the shape of the teeth or arch may require significant adjustments to the appliance or an entirely new appliance.

*Herbst is a registered trademark of Dentaaurum, Inc.