

## flexTAP® Description

flexTAP with Vertex Technology is a premium lab-made custom oral appliance for the treatment of snoring and obstructive sleep apnea.

As the first custom TAP® with no metal parts, flexTAP is an oral appliance that is customized for personal comfort and equipped with a self-adjuster for at-home ease. flexTAP's new blue ThermAcryl liner is thinner, more durable, and easy to adjust. The key to flexTAP's success is the new patented Vertex Technology, which is the design of the post angulation in the flexTAP hardware.



flexTAP is the first custom oral appliance to include a standard nasal breathing component, the flexTAP Mouth Shield, to improve comfort and treatment outcomes.

- Standard 3-year warranty
- No metal parts

### Every case comes with:

1. flexTAP oral appliance
2. flexTAP Mouth Shield
3. Instructions for use
4. Storage container

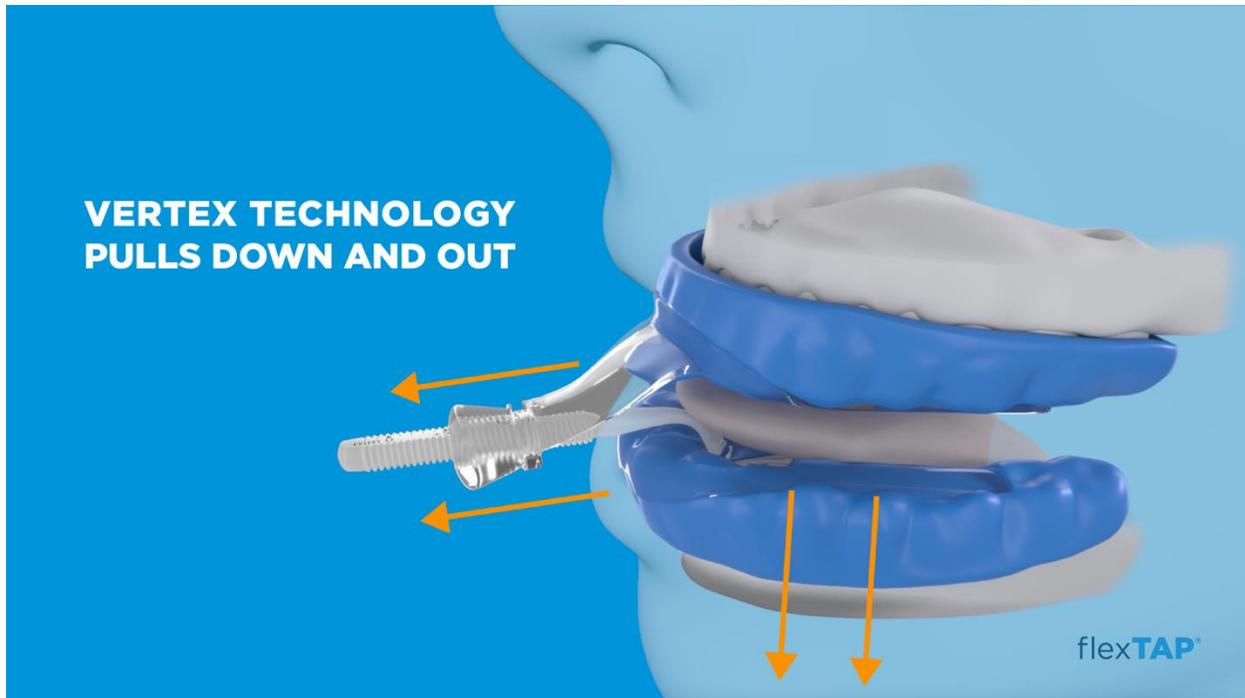
## New Patented Vertex Technology®

[Vertex Technology](#) is the design of the post angulation in the flexTAP hardware.

The post is angled at a 45-degree angle, allowing the patient to advance their lower jaw both vertically and horizontally at the same time.

By opening the box both vertically and horizontally, vs just horizontally in most oral appliances, we've seen patients needing less protrusion which eases joint pain or strain on the jaw and less tooth movement.

flexTAP opens the box more than any custom TAP on the market and still has the key factor of patients being able to self-adjust if needed.



## Adjustment Mechanism

The flexTAP Adjustment Dial allows the clinician or patient to adjust the amount of protrusion of the lower jaw to the most effective and comfortable position.

## ThermAcryl® Liner

flexTAP is made with our new patented ThermAcryl liner that is thinner and more durable. The lining is unique because it can be slightly reheated and remolded as needed to achieve the most comfortable fit while maintaining retention. The new blue color also improves aesthetics and hides the funk factor that comes with all oral appliance usage.

## Nasal Breathing Component

flexTAP is the first custom appliance on the market to include a standard nasal breathing component. Recent literature shows nasal breathing as the proper way to breathe. The flexTAP Mouth Shield slips onto the post to increase comfort and provide better treatment outcomes. It also helps prevent dry mouth or excess saliva.



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## FlexTAP® FAQs

### ORDERING & COSTS

#### Why should I choose flexTAP over any custom oral appliance?

- Building off 30 years of research and innovation, flexTAP is the easiest custom oral appliance for the clinician to deliver and adjust chairside. It's also more comfortable and easier for patients to use, encouraging better treatment outcomes. Additionally, flexTAP is the only oral appliance to offer a standard nasal breathing promoter.

#### What is the warranty for flexTAP?

- Standard 3-year warranty for flexTAP

### REMAKE OR REPAIR

#### Is there anything that's likely to break on flexTAP?

- Threaded adjustor may pop out but its normal (see next question)
- If you lose a dial or adjustor, we can provide a new one.

#### What happens if my adjustor (threaded rod) pops out?

- The flexTAP adjustor was designed to be interchangeable (future improvements to come), and can easily be snapped back in. Under normal wearing conditions, tension in the mouth pulls it forward, making it less likely to become disengaged from the lower tray. Secondly, the adjustor is always tethered to the dial or post, so there is no risk from the adjustor falling in the patient's mouth.
- Putting ThermAcryl over it in the fabrication process ensures it stays in place.

## BLUE COLOR

### Why is the device blue?

- The flexTAP is designed with blue ThermAcryl trays for aesthetic purposes and to maintain an overall cleaner look, as well as to overcome natural staining that occurs with all oral devices.

## THERMACRYL® LINER ADJUSTMENTS

### What are the benefits of the new ThermAcryl liner?

- flexTAP ThermAcryl liner is an irradiated thermoplastic material.
- It is easier to work with:
  - o for a clinician when adjusting the trays
  - o for the lab when fabricating the appliance
- It is more comfortable for the patient due to thinner trays and irradiation features

## VERTEX TECHNOLOGY®

### What is Vertex Technology?

- [Vertex Technology](#) is the design of the post angulation in the flexTAP hardware. The post is angled at a 45-degree angle, allowing the patient to advance their lower jaw both vertically and horizontally at the same time.

### What is the benefit of Vertex Technology?

- By opening the box both vertically and horizontally, vs just horizontally in most oral appliances, we've seen patients needing less protrusion which eases joint pain or strain on the jaw and less tooth movement.
- flexTAP opens the box more than any custom TAP on the market and still has the key factor of patients being able to self-adjust if needed.

## MOUTH SHIELD

### Why should my patient use the flexTAP Mouth Shield nasal breathing trainer?

- Some patients complain of the flexTAP post – the sleeve of the mouth shield improves comfort of the post and overall device. The mouth shield has been reported to help patients with excess saliva or dry mouth, which are common complaints of all oral appliances. Finally, the mouth shield acts as a nasal breathing trainer. Recent studies have shown nasal breathing to be the proper way to breathe and to get the most quality air.

### How does a mouth breather use this if they cannot breathe through their nose?

- You can still use flexTAP without the mouth shield, but the mouth shield is recommended for better outcomes.
- Once you start breathing through your nose, you start clearing the nose up and the swelling in the nose goes away. What we find in literature, is to train people to breathe through their nose so they become nasal breathers.

## **Can the breathing trainer be trimmed to fit everyone?**

- Yes

## **In patients with obstructions in their nose, could it worsen the breathing by using the mouth shield?**

- These types of decisions are always best between the clinician and the patient. If at any time a patient or clinician are uncomfortable with the Oral Appliance or Mouth Shield they should discuss and make appropriate plan of action together.

## **OTHER**

### **Any special cleaning?**

- Traditional cleaning with toothbrush and water is recommended.

## **Resources**

[Link to flexTAP introduction video.](#)

[Link to flexTAP patient delivery appointment with Dr. Keith Thornton and assistant Nellie Savala.](#)