

- *Mandibular advancement devices (MAD) are an alternative treatment method for sleep disordered breathing in patients with mild to moderate sleep apnea.*
- *When worn at night, it temporarily moves the jaw and tongue forward, which reduces throat restriction and prevents sleep apnea and snoring.*
- *Moving the tongue forward increases airway space.*

Mandibular Advancement Devices

Panthera

- Worn passively (while sleeping)
- A MAD which advances the lower jaw.
- The smallest, most comfortable and most durable device in the sleep industry.
- Because it is made using CAD/CAM technology, it is resistant to breakage.



EMA

(Elastic Mandibular Advancement)

- The EMA appliance would be used for someone with a small mouth or for someone that needs a thin and non-bulky appliance.
- Opens the bite and gently advances the mandible with elastic straps to open the airway.
- This appliance is not as durable as some of the other appliances but is very comfortable and allows for a lot of tongue room.



Somnomed

- The Somnomed consists of separate upper and lower parts and allows for a lot of tongue room and plenty of jaw movement including opening.
- This appliance is made of very hard and durable acrylic and would be a good choice for a patient that clenches or grinds .



Dorsal Fin

- The Dorsal Fin is only considered in cases of snoring without sleep apnea.
- It is a comfortable appliance and allows for a lot of tongue space and a moderate amount of movement, but it is not as durable as the other appliances.



TAP III

- The TAP III appliance has separate upper and lower parts connected by a small hook on the upper and a metal receptable socket on the lower.
- It allows for a moderate amount of tongue space and jaw movement, and it is one of the easiest appliances to adjust.



- *The TMJ acts as a sliding hinge that connects your jaw bone to your skull with many ligaments and muscles.*
- *The TMJ is located in front of the ear.*
- *TMJ disorders (TMD) can cause pain in your jaw joint and in the muscles that control jaw movement.*

TMJ

Temporomandibular Joint

NTI

(nociceptive trigeminal inhibitor)

- Tension suppressive system; it prevents the clenching action.
- The NTI is a treatment for migraine pain and associated tension.
- FDA approved for the treatment of Bruxism, TMD, and associated migraines.



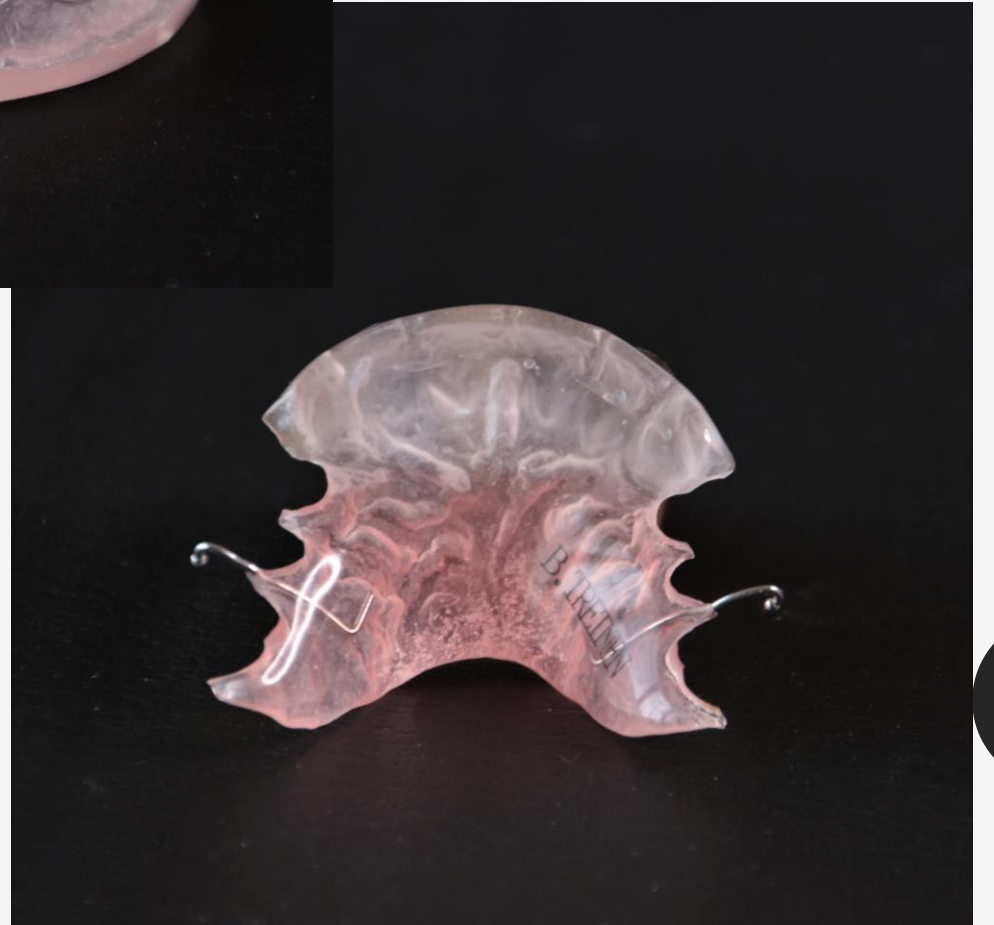
Farrar

- This device is used when patients have TMD and have an airway advantage that moves the jaw forward, keeping the tongue out of the airway.
- Primary use is to recapture the disc in the TMJ to decrease pain and pressure in the joint.



Anterior Deprogrammer

- A device for patients with less room in the molar region.
 - This device is a flat acrylic block from canine to canine designed to separate the molars.
 - The body has a protective reflex to prevent added pressure to the front teeth when the splint is worn.
 - Less pressure is exerted; if your molars cannot touch then you cannot clench, and the jaw muscles will relax.
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Anterior Deprogrammer with Molar Coverage

- This device is a flat acrylic block from canine to canine designed to separate the molars.
- The body has a protective reflex to prevent added pressure to the front teeth when the split is worn.
- Less pressure is exerted; if your molars cannot touch then you cannot clench, and the jaw muscles will relax.



Kois Deprogrammer

- This device is used to relax the jaw muscles and acquire the patient's natural bite.
- Used in the starting of a reconstruction of the patient's bite.

