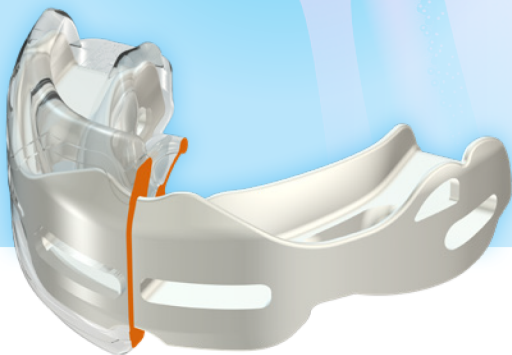


MYOFUNCTIONAL SLEEP APPLIANCE

myosa[®]

USE FOR 1
HOUR EVERY
DAY & WHILE
SLEEPING



TMJBDS[®]
FOR TMJ, BREATHING
& DISORDERED SLEEP

S1^M

**STAGE 1
MOULDABLE**
MOUTH BREATHER
VERSION

www.myosa.com

WORLDWIDE PATENTS, FOR MORE INFORMATION VISIT MYORESEARCH.COM

Understanding the problem

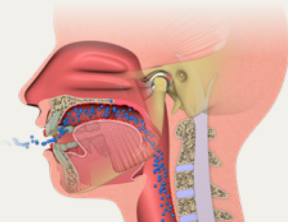
Sleep and Jaw Joint Disorders affect a large number of the population all around the world. Most suffering patients are undiagnosed or incorrectly treated since the wide range of symptoms can make it difficult to establish the causes and appropriate treatment. Symptoms such as headaches, neck pain, night-time snoring and daytime fatigue may seem unrelated. However, they can all be a part of a single health problem. Quite often these problems occur simultaneously because two of the causes of TMJ/D are mouth breathing and incorrect swallowing habits.

Normal nose breathing vs mouth breathing

Mouth breathing is abnormal and is one of the causes of Sleep Disordered Breathing (SDB) problems. If a child breathes through the mouth, the jaws will not develop forwards correctly. Adults who have SDB will usually have underdeveloped jaws, which cause the tongue and lower jaw to restrict the airway. Therefore, it is important to learn how to breathe correctly through the nose at all times in order to maintain an advanced position of the lower jaw and tongue, as well as keeping the airway open.

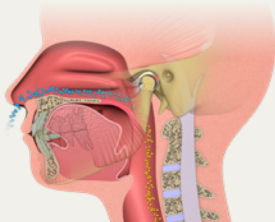
MOUTH BREATHING

Lowered Tongue



NOSE BREATHING

Elevated Tongue

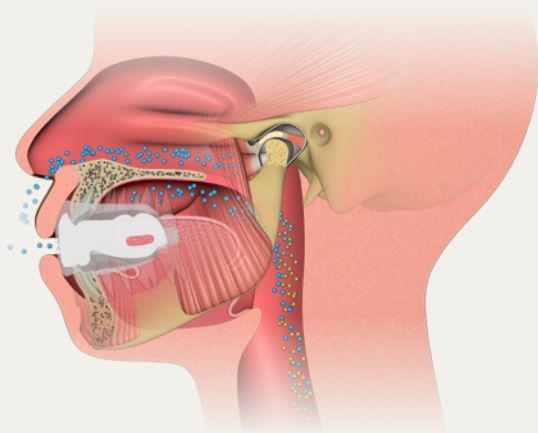


Introducing the Myosa® program

The *Myosa*® program involves specific evaluation, diagnosis and treatment phases to identify the presence of Sleep-Related Breathing Disorders (SRBD) and Temporomandibular Joint Disorders (TMJ/D). These disorders are interrelated and have been combined into one collective syndrome known as *TMJBDS*® - symptoms relating to Teeth, Muscles, Jaws, Breathing and Disordered Sleep.

Along with providing rapid symptom relief, the *Myosa*® program facilitates treatment specifically designed to address the root causes of the problem.

The *Myosa*® program aims for complete symptom resolution, although results may vary with each individual.



CAUTION: Intra-oral appliances may change the position of teeth and alter the jaw relationship. Unlike Rigid Mandibular Advancement Devices (MADs), the *Myosa*® appliances are flexible and minimise the potential to cause pain in the jaw joints or permanently change the bite.

Myosa® S1 Mouldable - Stage 1

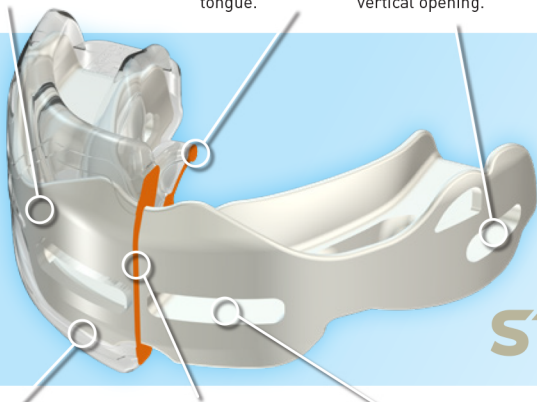
Myosa® for TMJBDS® S1 Mouldable (S1M) is specifically designed for patients who breathe through the mouth while sleeping. The appliance helps with diagnosis and treatment of **TMJBDS®**. It works by advancing the sleeper's lower jaw and opening the bite, which has the effect of opening the airway. Additionally, the **S1M** has two large breathing holes at the front to regulate breathing as well as a patented **Air Spring Core™** to cushion the jaw joint. The dual moulded construction allows for a custom-fit and provides optimum retention for mouth breathers while sleeping.

Myosa® S1 Mouldable - design features

Soft thermoplastic material allows for a tight fit on the upper and lower teeth.

Tongue tag encourages the correct resting position of the tongue.

Air Spring Core™ both opens the airway and is comfortable for the jaw joints by allowing maximum vertical opening.



Tongue elevators hold the tongue in the correct position.

Dual moulded construction with a rigid inner frame and a soft outer layer for a custom fit.

2 large breathing holes regulate breathing for mouth breathers.

Indications for use:

Prior to using the *Myosa*® device, the treating dentist may refer the patient to a medical practitioner for assessment of sleep disorders that have medical implications. The *Myosa*® intra-oral appliance provides treatment for patients with symptoms of *TMJBDS*® and is to be used during the day until comfort is achieved. Once accustomed, it should be used for 1 hour per day and overnight while sleeping.

Instructions for use



Step 1 – Pour freshly boiled water into a glass bowl. Immediately place the *S1M* into water for 60 seconds upside down with base uppermost.



Step 2 – Gently lift the *S1M* from boiled water using a spoon and shake off excess water to bring the surface temperature to a comfortable level. Quickly proceed with the next step.



Step 3 – Use a mirror to line up centre of *S1M* with centre line of upper teeth, then press firmly against front teeth and molars.



Step 4 – Close mouth while biting down firmly on *S1M*. Suck in strongly and press edges into teeth and gumline through the lips and cheeks (continue for 20 seconds).



Step 5 – Remove from mouth and cool under tap water for 2 minutes. Re-insert into mouth to check for a firm fit. If necessary, repeat fitting procedure once *S1M* has returned to room temperature.

**Do not
chew on
Myosa®
appliance**

**The patient
can repeat the
moulding process
as many times as
needed during the
treatment process.**

Design Features

- Unique dual moulded construction with a soft thermoplastic material allows for a tight fit on the upper and lower teeth.
- 2 large breathing holes effectively regulate breathing for mouth breathers.
- Tongue tag encourages the correct resting position of the tongue, increasing the airway and decreasing the incidence of snoring.
- *Air Spring Core™* both opens the airway and provides comfort for the jaw joints by allowing maximum vertical movement, which decompresses the jaw joints and reduces clicking.
- The *Myosa® S1M* can be used in combination with other *Myosa®* appliances during the day.

The *Myosa® S1M* can be followed by the *Myosa® S2* or *S2M* after symptom improvement in 3-4 months time.

Cleaning your *Myosa®*: Clean your *Myosa®* appliance under warm running water every time you remove it from your mouth. Use *Myoclean™* tablets to correctly clean twice every week. Ask your doctor or dental therapist about *Myoclean™*, the recommended cleaning agent for all *Myosa®* appliances.

IMPORTANT: CONSULTATION WITH A MEDICAL PRACTITIONER IS ESSENTIAL TO CORRECTLY EVALUATE YOUR CONDITION.

Lifetime use: 6 months based on everyday wear.
Replace after 12 months regardless of wear time.



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Single Patient Use.



**MYOFUNCTIONAL
RESEARCH CO.**

**INNOVATIVE DENTAL APPLIANCE
TECHNOLOGY AND EDUCATION**

