

MYOFUNCTIONAL SLEEP APPLIANCE

myosa[®]

USE FOR 1
HOUR EVERY
DAY & WHILE
SLEEPING



TMJBDS[®]
FOR TMJ, BREATHING
& DISORDERED SLEEP

S2^M

**STAGE 2
MOULDABLE**
PARTIAL NOSE
BREATHER VERSION

www.myosa.com

WORLDWIDE PATENTS, FOR MORE INFORMATION VISIT MYORESEARCH.COM

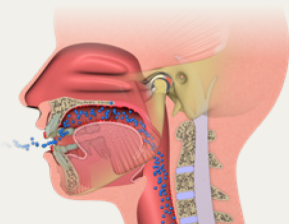
Understanding the problem

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.

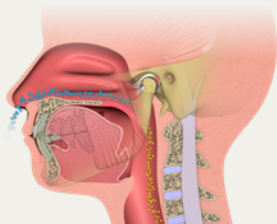
Normal nose breathing vs mouth breathing

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

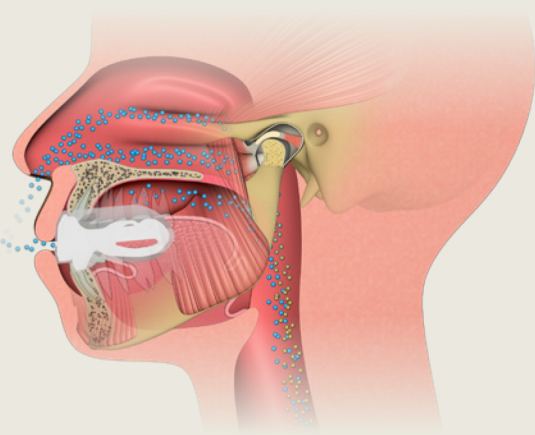


Treatment with Oral Appliances

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® S2 Mouldable - Stage 2

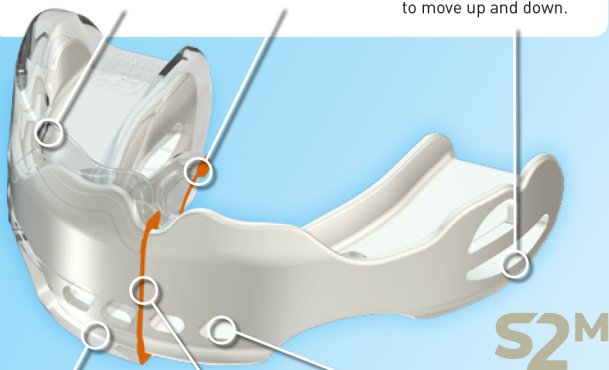
Myosa® for TMJBDS® S2 Mouldable (S2M) is designed for patients who are not chronic mouth breathers or who have already undergone Stage 1 treatment with the *S1* or *S1M* appliance. The *Myosa® S2 Mouldable* works by advancing the sleeper's lower jaw and opening the bite, which has the effect of opening the airway. Due to its smaller breathing holes, the *S2M* appliance also optimises breathing regulation by encouraging nasal breathing. This is achieved by maintaining lip seal over the breathing holes, which retrains the patient to breathe through the nose.

Myosa® S2 Mouldable - design features

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

Tongue tag encourages the correct resting position and maintains an open airway.

Air Spring Core™ both opens the airway and is comfortable for the jaw joints by allowing the jaw to move up and down.



Tongue elevators holds the tongue in the correct position.

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

4 small breathing holes designed to encourage nasal breathing.

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 *S2M* into water for 60 seconds upside down with base uppermost.



Step 2 – Gently lift the *S2M* 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 *S2M* with centre line of upper teeth, then press firmly against front teeth and molars.



Step 4 – Close mouth while biting down firmly on *S2M*. 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 *S2M* 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

- Dual moulded construction with a rigid inner frame and a soft outer layer for a comfortable and customisable fit.
- 4 small breathing holes at the front which are designed to encourage nasal breathing.
- Tongue tag encourages the correct resting position and maintains an open airway.
- Tongue elevator holds the tongue in the correct position.
- Soft and flexible material allows lateral movement.
- *Air Spring Core™* both opens the airway and provides comfort for the jaw joints by allowing vertical movement, which decompresses the jaw joints and reduces clicking.
- Anterior ramp holds upper jaw forward and keeps the airway open.

The *Myosa® S2M* can be used after treatment with the *Myosa® S1 or S1M* to assist in treatment of *TMJBDS®*.

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**



KEEP OUT
OF DIRECT
SUNLIGHT



CLEAN
BEFORE USE