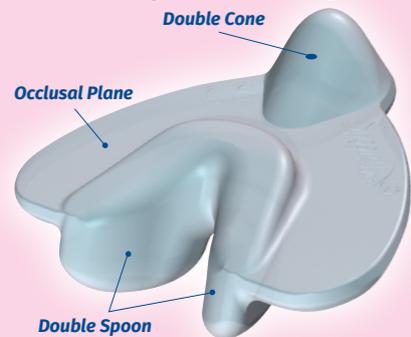




**Spooky<sup>®</sup> gloss**  
by **Dea**  
Bio Express Assistance

**SPOONY GLOSS<sup>®</sup>**  
**The Easy to Use Splint**



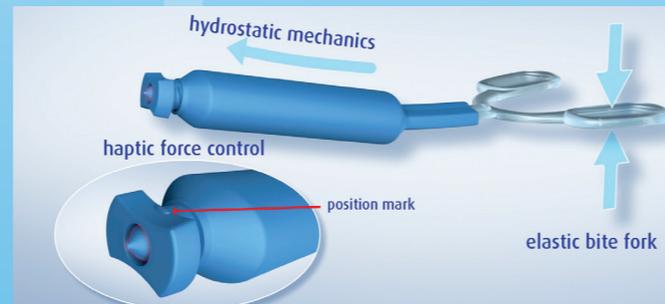
**Spooky Gloss<sup>®</sup>** is a new ready to use splint for treating myofunctional disorders. The physiological design of the splint is suitable for almost all patients and ages.

**Spooky Gloss<sup>®</sup>** is made from a non toxic durable medical plastic material. Its soft texture provides a very comfortable feeling for the patient. There are no sharp edges. **Spooky Gloss<sup>®</sup>** does not contain any latex or phthalate plasticiser. The special design of the splint coordinates the neuromuscular system during the swallowing process. The daily use of this splint for minimum 15 minutes provides a long lasting training effect for repositioning the tongue into the correct position. Beside the treatment of Orofacial Myofunctional Disorders (OMD) **Spooky Gloss<sup>®</sup>** is also complementary splint during orthodontic treatment. It can be a useful appliance for TMD treatment to relax the masticatory muscles and prevents patients from clenching or grinding. **Spooky Gloss<sup>®</sup>** is an easy to use splint which is well accepted from children and adults.

[www.dentrade.com](http://www.dentrade.com)



- physiotherapeutic TMD training tool
- coordinative training of muscles with biofeedback
- relieves pain of masticatory muscles
- long lasting pain reduction
- dissolution of pain-related relieving postures
- activation of self-healing capacities
- clinically proven
- can substitute regular splints in some cases



[www.rehabite.net](http://www.rehabite.net)



In daily practice, temporomandibular disorders (TMD) are usually treated with splints, such as Michigan splints, or similar devices. However orthodontists have the problem that occlusal splints cannot be used in patients who are growing, or in patients undergoing therapy. In this context, sensorimotor training is an effective therapy for pain relief. Relieving postures caused by TMD pain can be eliminated without any influence on the occlusion of the patient. Additionally, neuromuscular adaptation will be supported actively using the RehaBite sensorimotor training appliance during orthodontic treatment.

**Practice of coordinative training with RehaBite**

RehaBite is a training device for home treatment and rehabilitation of muscle pain of the masticatory system. The elastic, fluid-filled bite pads work in accordance with the hydrostatic principle. In other words, the mandible can auto-balance itself on the fluid-filled bite pads. The automatic, built-in feedback of the device provides the patient the ability to control the intensity of the training, and makes it possible for the patient to accurately and faithfully reproduce training conditions. Biofeedback in combination with active training can intensify motor learning processes. Spontaneous modifications of the intra- and intermuscular patterns of contractions of the muscles involved and physiological activation are frequent effects. In the case of painful muscular jaw opening restrictions, the training is supplemented by intensive stretching exercises. By using the post-isometric relaxation that is the result of the coordinative bite, the stretching effect is increased further still. The training exercises can either be performed under the instruction of the treating doctor or physician, or the patient may also use the RehaBite device for individual training, regardless of time or place, and can be further supplemented by exercises like gentle muscle massages.

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**Dentrade e.K.**

**AQUALIZER**

**The First Hydrostatic TMD Splint**

**REHA BITE**

**The First Hydrostatic TMD Trainer**

**Mini-Reg**

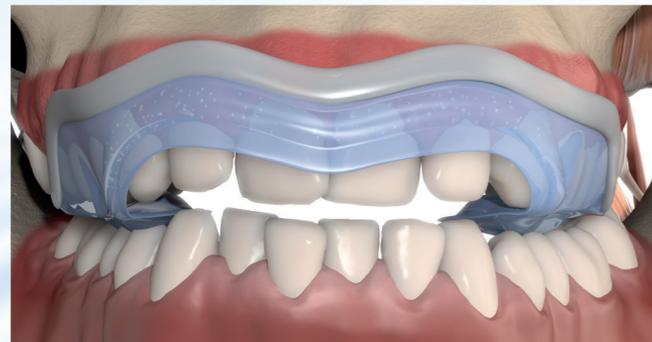
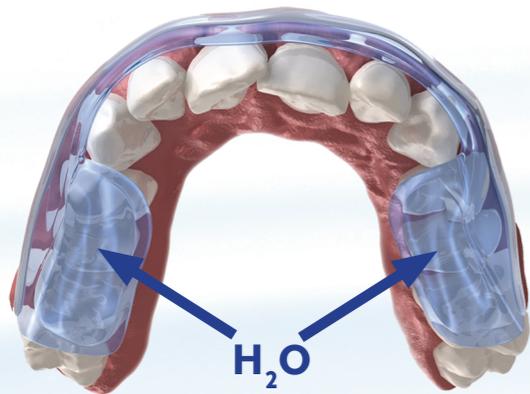
**The First Jig-Splint with Registration Function**

**Spooky<sup>®</sup> gloss**  
by **Dea**  
Bio Express Assistance

**The First Splint for Myofunctional Dysphagia**

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# AQUALIZER

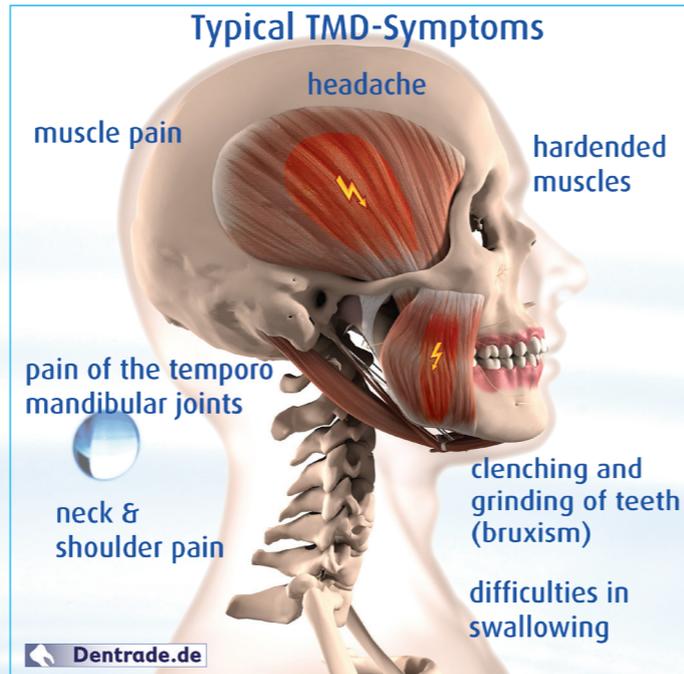


## Instant Hydrostatic Splint

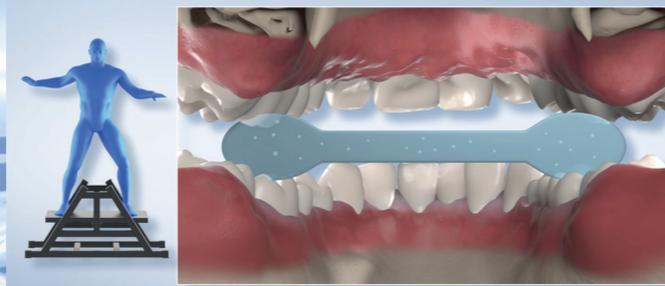
The Aqualizer's fluid system creates perfect bite balance and stability through a minimally invasive approach to TMD treatment. It works by allowing the muscles themselves to automatically reposition the jaw to where it naturally works best. For TMD pain relief, restoring this balance is essential.

Unlike other available dental splints, the Aqualizer self-adjusting oral splint is a TMD treatment which allows the body to unravel bite distortions and establish optimal systemic function and balance. The Aqualizer takes the uncertainty out of TMD diagnosis and treatment. While other dental splints and TMD treatment options can distort the jaw, causing TMD pain, the Aqualizer facilitates relief through ideal occlusion automatically and naturally. The Aqualizer is also a perfect supplement in other medical disciplines besides dentistry. Today this device is integrated into physical therapy, osteopathy, orthodontic treatment, orthopedics and many other medical disciplines.

[www.aqualizer.de](http://www.aqualizer.de)



## Hydrostatic Principle



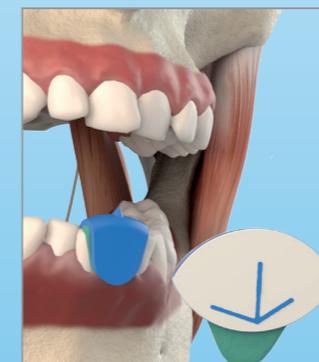
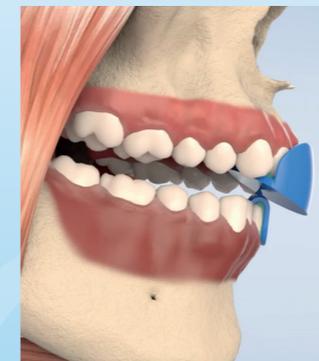
### How the Aqualizer works

The Aqualizer® is an application of a basic physical law of nature called Pascal's Law, which states that an enclosed fluid will apply equalized fluid pressure regardless of where pressure is applied to the fluid. In other words, biting down on the Aqualizer® causes the fluid to distribute bite forces evenly across the bite, reducing TMD pressure and pain and ensuring relief. Aqualizer® dental splints impose no preset changes. By contrast, they enable the body to naturally balance itself, resulting in TMD pain relief and improved function.

[www.aqualizer.de](http://www.aqualizer.de)



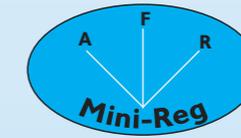
- Anterior
- Functional
- Registration



### Anterior Functional Registration.

The AFR-Mini-Reg is anterior registration device designed like a JIG-Splint. This tool is indicated for recording the exact location of the centric and excentric relationship of the mandible by recording the mandible movement. The AFR-Mini-Reg is the only neuromuscular deprogrammer, which visualizes mandible movement using the Gothic Arch like comparable systems from Gysi, Gerber, ect. The Gothic Arch Tracer is used to determinate the position of the mandible in CR (Centric Relation). The traces represent the mandible movement on a horizontal plane. The apex of the arch considers, that the mandible is in centric relation. The traces show the maximum movement of the mandible to the anterior and lateral position. This position is necessary for adjusting the models of the maxilla and mandible in an articulator.

[www.bissregistrat.de](http://www.bissregistrat.de)

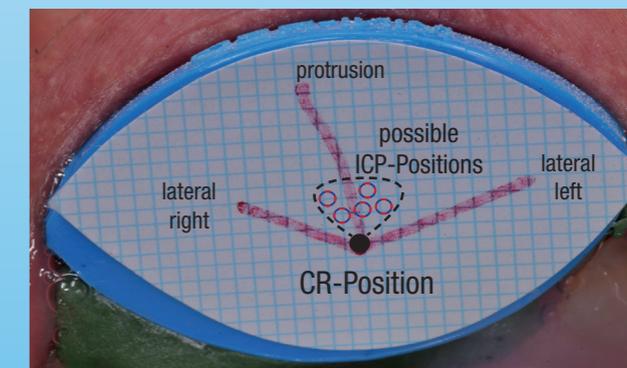


- Anterior
- Functional
- Registration

The registered position will be transferred subsequently by using a wax bite registration plate into the articulator.



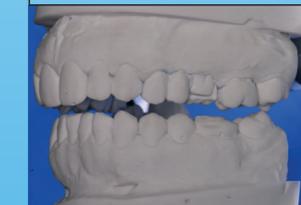
The maximum intercuspation (position with maximum antagonistic tooth contacts also referred as habitual occlusion or ICP or CO [complete occlusion]) will also be adjusted in the articulator. The divergence between the CR-Position and the CO-Position is now visible in the articulator. The **AFR-Mini-Reg** is very comfortable for the patient. It is highly recommended to use the **AFR-Mini-Reg** at least 30 – 60 minutes before the final bite registration to ensure a neuromuscular relaxation avoiding tensed muscles.



### max. Intercuspitation



### CR-Postion



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