



When the result counts!

3D printing that is sure to impress:  
DentaMile Bite Splint Workflow



**Resilient and flexible**  
thanks to LuxaPrint Ortho Comfort



**Efficient and intuitive work**  
thanks to smart software features





## Optimal results, achieved efficiently: perfectly fitting bite splints in one session.

Bite splints have already been tried and tested as a therapeutic tool for treating CMD and parafunctional temporomandibular joint complaints:

They support the regulation of the muscle tone, relieve the jaw musculature and alleviate myofascial pain. They also help to restore the physiological bite position and relieve

strain on the jaw. Bite splints help to relieve symptoms of temporomandibular joint disorders such as CMD.

DentaMile bite splints offer your patients numerous advantages and make it easier for you to treat common symptoms.

**Functionality, comfort and aesthetics** are essential criteria when assessing 3D-printed bite splints. Together they are indispensable for ensuring the well-being of your patients when treating functional disorders.

Our extremely stable and flexible material LuxaPrint Ortho Comfort offers precisely these qualities. It is also important for the bite splint to be completed in a short amount of time with minimal adjustment work, which is made possible by the efficient and precise DentaMile connect software.

**In this way, the DentaMile Bite Splint Workflow guarantees maximum satisfaction.**

The **DentaMile 3D Bite Splint Workflow** allows you to easily and quickly manufacture splints that your patients will be happy to wear:

- **Thin material thickness and optimal fit** noticeably increase the wearing comfort
- **Highly aesthetic** thanks to the transparent look
- **The perfect combination of all components** in the workflow ensures comfort, flexibility and **extreme stability of the bite splint**
- **High precision when printing** ensures **immediate perfect fit** in just one session
- **Smart software functions and automation** allow you to work **more efficiently** and therefore **give you more time for your patients**

The **DentaMile bite splints** help you to achieve **first-class treatment results** with **minimal effort** and **high patient satisfaction**.



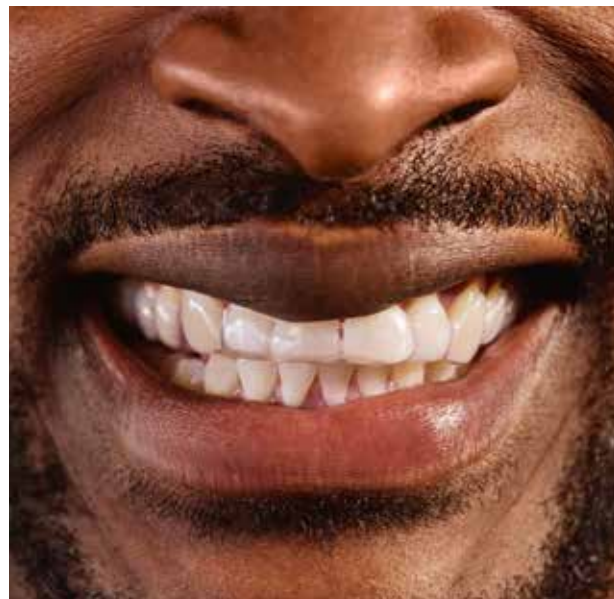
# Everything comes together: look, resilience and wearing comfort.

Bite splints printed with **LuxaPrint Ortho Comfort**.

**As stable as necessary. As soft as possible.** The key to the high resilience and optimal wearing comfort of the bite splint lies in the material.

The unique material properties of LuxaPrint Ortho Comfort let you print bite splints that are doubly impressive:

They are hard enough to endure functional therapy – and soft enough to give patients noticeable wearing comfort.



**Outstanding aesthetics:** thanks to the transparent look.

Bite splints printed using LuxaPrint Ortho Comfort stand out with their transparent look without any noticeable tint. Simple polishing gives a brilliant high-gloss look quickly and easily. LuxaPrint Ortho Comfort is biocompatible and also odourless and tasteless. A high-quality medical product that is sure to impress your patients.



“I believe LuxaPrint Ortho Comfort is an outstanding expansion of the splint range. Its flexibility makes it comfortable to wear and it doesn't cause any feeling of strain, as is the case with splints that have more rigidity. Despite this flexibility, the material has great stability at the splint surface, which is not at all comparable with 'soft' splints. LuxaPrint Ortho Comfort retains its transparency after polishing without any tint, and can be printed in different material thicknesses in order to be specifically adjusted to the patient's needs. I'm impressed.”

Dr Sebastian Rang, Dentist  
Zahnarztpraxis RM



## Bite splints printed using LuxaPrint Ortho Comfort are impressive in a number of ways.

- ➔ Extremely **resilient** yet **flexible** – for exceptional **durability**
- ➔ Very **comfortable to wear** due to the thinly printable material thickness and **increased material flexibility in the mouth**
- ➔ Comfortably **easy to use** even at room temperature
- ➔ **Tasteless** and **odourless**
- ➔ **Resistant to discolouration** – for high patient satisfaction

# Automated design steps for efficiently produced bite splints.

## DentaMile connect – the software for your workflow.

DentaMile connect lets you produce perfectly fitting dental splints in just a few steps. Efficiency that pays off for you and your patients. This is because your patients will receive their optimally fitting bite splint with in just one session.



It really couldn't be easier: thanks to the automated margin line function, for example.

When you select the indication, an automated margin line profile is suggested. The parameters for this are based on empirical values and feedback from our customers. The automated margin line is thus configured to be particularly precise and reliable. You can apply the suggested margin line directly, or adjust it to suit your needs – however you wish. It's completely up to you whether you use the automated function and you can change it as you see fit.

The automated margin line function allows this design step to be sped up by around 90% and bite splints to be manufactured in just one session.

### Smoothed, optimised splint margin lines:

The Spline algorithm can be used to optimise the margin line design and thus shape the contours of the bite splints very precisely. The optimisation means the already smooth curves and lines fit even more precisely on the

set points and results in a harmonic margin profile without sharp corners or additional curves.

### Work in a targeted manner – with the fully adjustable virtual articulator.

The precise adjustment during the design means there is little need for readjustments. This saves time and costs

for dental technicians, dentists and patients.

- DentaMile connect includes a fully customisable articulator. Easily transfer the patient data into the software.
- The dynamic occlusion can be used to produce an optimal splint surface that allows for movements and provides optimal support.

This results in precise individually and effectively produced bite splints.

- Adjustments to the design are also possible at an advanced stage, as is changing the final bite by setting a new static occlusion.



Articulator

### Tailored solutions for individual needs.

DentaMile connect is regularly further developed based on user feedback. This allows us to ensure:

- Significant time savings

- Even more intuitive, error-free operation

- Consistently high quality of the bite splints and other DentaMile applications



# An impressive workflow.

## DentaMile Bite Splint Workflow.

The **DentaMile Bite Splint Workflow** combines first-class resins, smart software functions and reliable printer systems to form one **validated overall process** that guarantees the **highest quality** for you and your patients.

**30 days**

To test DentaMile  
connect for free!

Get started now and  
learn more:

**DentaMile.com**

### Validated medical products for the highest level of safety.

Thanks to the validated DentaMile workflow, all components are perfectly coordinated. This ensures consistent, reproducible results and guarantees that the finished bite

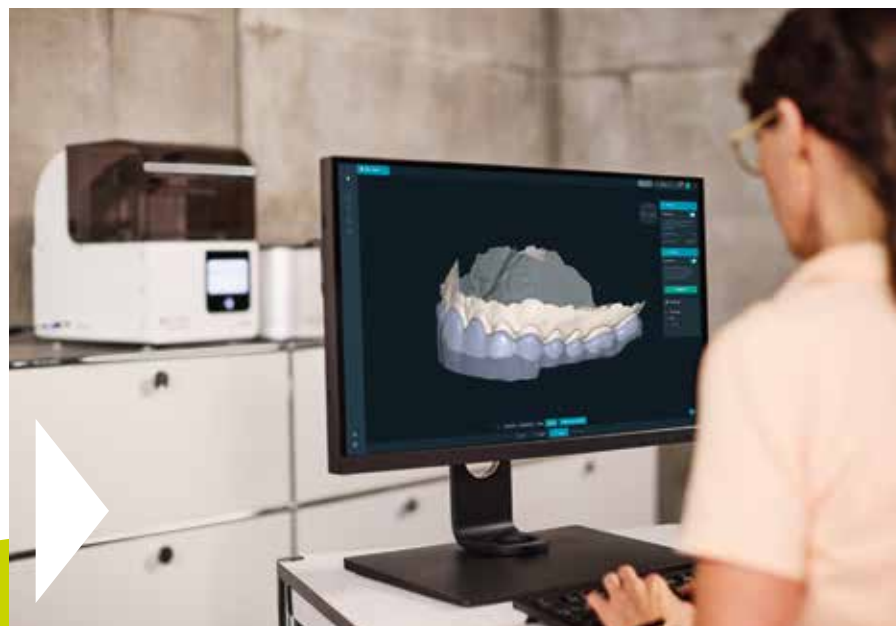
splints meet the high requirements for medical products.

### Your time, your decision: **define your workflow yourself.**

The DentaMile Bite Splint Workflow gives you the freedom to adjust the 3D manufacturing process to suit your needs: you decide whether to invest in the software and printer system and design each step yourself or outsource specific processes such as design or printing.

The cloud-based DentaMile connect software optimally links all those involved and individual tasks can be easily delegated. The bite splints can also be designed from your office at home. This gives you maximum flexibility and efficiency.

### The DentaMile Bite Splint Workflow:



The bite splint is ready to print



Material: LuxaPrint Ortho Comfort



Perfect, precise results and satisfied patients

Design a perfectly fitting splint that offers the highest functionality and wearing comfort effortlessly and efficiently from a high-quality material with extreme stability and flexibility in just one session.

The **DentaMile Bite Splint Workflow:**

a **WIN, WIN, WIN** for dentists, dental technicians and patients.

# The WIN-WIN-WIN solution for 3D-printed bite splints.

Whether you're a dentist, dental technician or patient: everyone benefits from the smart bite splint workflow and the high-quality results.

## WIN

### Efficient and time saving:

Automated design steps and fast printing processes save valuable time, allowing you to treat more patients.

## WIN

### High precision and perfect fit:

The perfect combination of all components lets you manufacture extremely resilient yet flexible bite splints with a high level of wearing comfort.

## WIN

### Maximum patient satisfaction:

The combination of wearing comfort, aesthetics and functionality increases acceptance and improves patient satisfaction.

The **DentaMile** Bite Splint Workflow from



Dr Sabrina  
Dentist

George  
Patient

Matthias  
Dental Technician



A smile ahead  
together



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