

smilers®

Le sourire chic à la française

Smilers®

Extend your range of care to meet
your patient's needs



ORTHODONTIC ALIGNERS

INDICATION

Smilers® aligners are removable orthodontic devices designed **to correct dental malpositions** in order **to recover** a harmonious and functional alignment for pre-adults and adults.

MECHANISM OF ACTION

Custom-made Smilers® aligners adjust to the patient's teeth and apply **constant** and particularly **light mechanical forces**. Each aligner will progressively initiate a movement on one or more of the mandibular and/or maxillary teeth until reaching the desired position.

Aligners are designed **to apply the right amount of force, in the right place and at the right time**.

Possible translation movement:
0.2 mm for each aligner

Possible rotation movement:
2 to 3° for each aligner

Applied forces by aligners

Aligner thickness: 0.8 mm

Thicknesses of 0.6 and 1 mm might be offered as well (depending on planned movements, chewing strength, patient comfort, etc.).



ELIGIBLE PATIENTS

From 12 years old (when all the permanent teeth are out).

MANY TREATABLE CASES

All kind of malpositions can be treated with aligners, from simple alignment to most complex cases (in which elastics, miniscrews and chains can be necessary).



TREATMENT TIME

The treatment time with Smilers® aligners is variable depending on the nature of the smile diagnosis. The treatment usually lasts from **6 to 24 months**.

Aligners should be worn **22 hours per day** to ensure optimal results.

They need to be **removed when eating** and **when brushing teeth**.

PLANNED CASES BY **ORTHODONTISTS:** AN **OPTIMAL SUPPORT**

Because we want what is best for you, our **treatment plans** are developed by **experienced orthodontists**.

You can have them modified, or discuss them with our **orthodontists, who are at your disposal through our hotline**.

The **classification of cases according to their complexity** allows you to select the treatments you wish to perform.

SMILERS® PROCESS STEPS



You take **impressions** of the patient's arches (either physical or digital).



Patient's impressions are **processed by our teams**.



Our **Smilers® orthodontists** are creating a **treatment plan**.



The **treatment plan** with a before/after video (the **SmilerStory**) is sent to you. You can **talk to our orthodontists** if you have any questions or need to make modifications.



Once you validated the treatment plan, a **set of Smilers® aligners** is sent to you.



The patient needs to change their aligners every **2 to 3 weeks (1 week with the ATP38® treatment accelerator)**. Follow-up appointments must be made to ensure the right following of the treatment.

MADE IN FRANCE QUALITY

Clear and smooth aligners for a better patient satisfaction

ALIGNERS INSPIRED BY FRENCH HAUTE COUTURE :

Produced in our high technology production factory in Salon-de-Provence.

- Cut to create scallop edge.
- Hand-polished in our Workshop



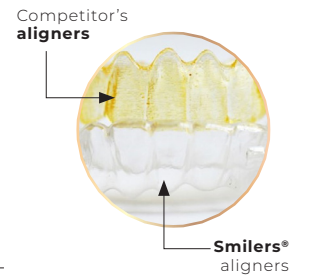
Contamination prevention is more important than ever: cleaning and disinfecting aligners is a key production step.



OUR KNOW-HOW: OUR ALIGNERS' QUALITY

SMOOTH IMPRESSION TO PREVENT RESIDUES

Smilers® aligners compared to competition aligners, after 1 week in coffee.



EFFICACY IN LINE WITH TREATMENT PLAN

Our PETG is biocompatible. Its thickness and our production method maximize tooth contact throughout treatment.

SMILERS® WARRANTIES



French & high-quality aligners

We are proud that our factory has been granted the **ISO 13485 certification**, proving the qualitative production of our clear aligners.



Made In France warranty

Smilers® is a **French family business** with strong **values**, mobilized to offer a «French sourire chic». Our custom-made aligners have been granted the French Origin Warranty label.



ECO-RESPONSIBILITY

Our aligners are **bisphenol-free**, their packaging is **recyclable** and our brochures are printed with **vegetable-ink**.



Choose the parcel

For complex cases you can receive your aligners **10 by 10**.

A COMPLETE RETAINERS RANGE

Smilers® FIX

Custom-made, resistant & discreet system



Retainers

1 mm thickness



Smilers® FIL, by Smilers LAB

Contention wire, digitally designed in 2D



smilersLab
by axe ortho

100% digital
orthodontic
laboratory



ORTHODONTIC TRAINING BIOTECH DENTAL ACADEMY

INITIATION, IMPROVEMENT, MANAGEMENT OF CLINICAL COMPLICATIONS

3 gradual levels of clear orthodontic training

Discover & register to the trainings on <https://academy.biotech-dental.com/>



DIGITAL IMPRESSION: YOUR INTRA-ORAL SCANNER WILL BE THE RIGHT ONE

Our system is **OPEN** and accepts files from all intra oral scanners.



SMILERSTORY: VIEW THE TREATMENT STEPS, FOR EACH ALIGNER AND EACH TOOTH.

Increase your patients' interest to treatment by sharing the **Smilerstory: before/after video of their treatment.**



NEMOCAST, THE SOFTWARE USED BY OUR ORTHODONTISTS

The reference for the development of **treatment plans** with aligners

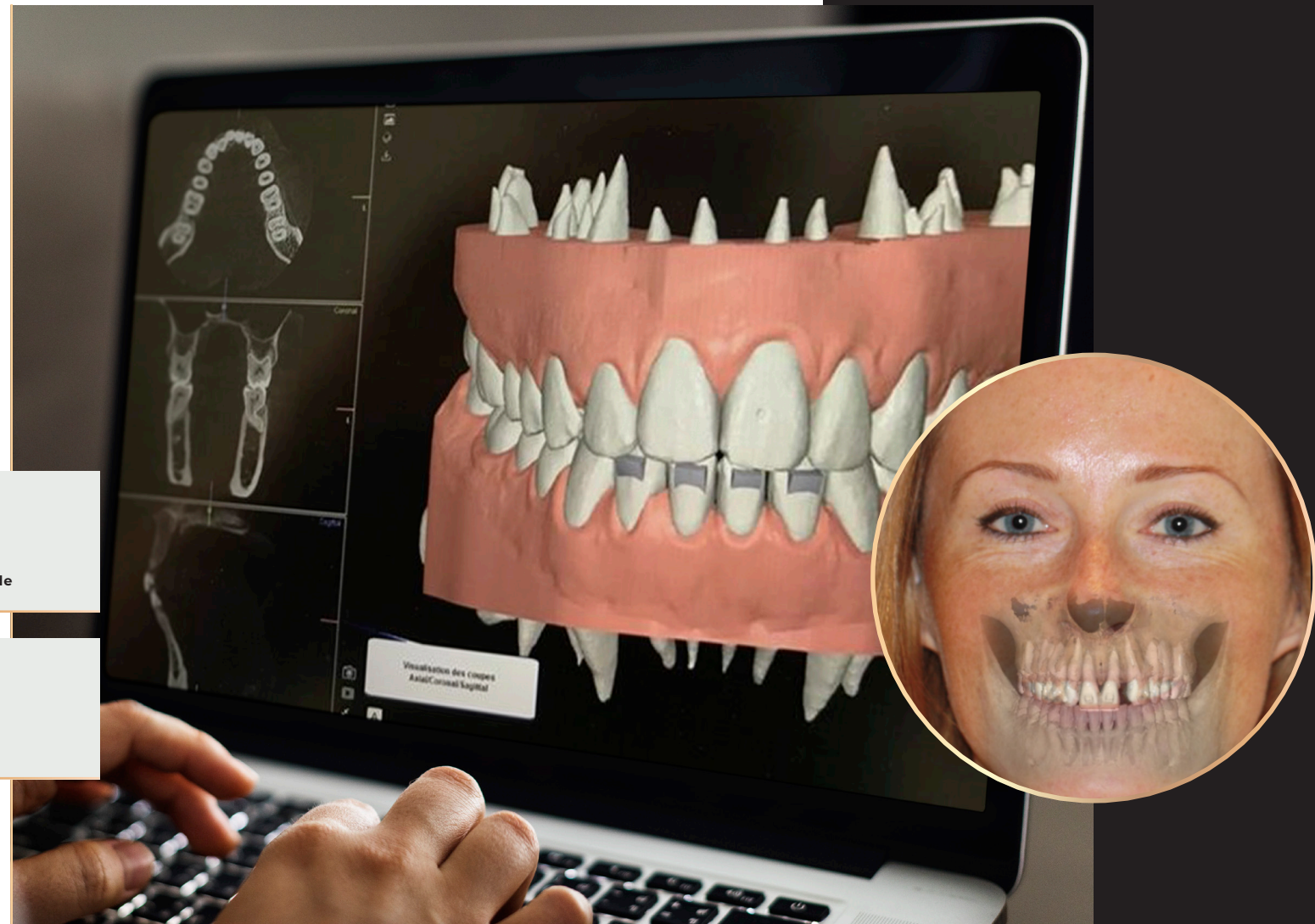
Supervised stripping: Smilers® takes care of your patient's teeth

To preserve your patients' enamel, strippings are capped: **0.3 mm per tooth side**

Smilers® specificity, for a more predictable and safer treatment*

View of real root segmentation.

*Compared to treatments made with the previous version of the software used to create the treatment plan that did not allow root segmentation and visualization of their movement - Study by Angela Chiara D'Alessandro and others «Integrating CBCT and Virtual Models for Root Movement with Clear Aligners» - Journal of clinical orthodontics (jco-online.com). March 2020.



WOW® : THE INTERGENERATIONAL CAMERA ADAPTED TO ALL YOUR PATIENTS



Smallest camera on the market.



Sent with MSI GS65 powerful and quick computer.



Send your files, with real-life colors, to Smilers® Expert in a few clicks.



Free software updates.



Child-friendly interface.



ATP38®: BOOST ORTHODONTIC TREATMENT WITH PHOTOBIO-MODULATION

- ✓ Lower treatment pain.
- ✓ Clinical studies proved photobiostimulation sessions could lower orthodontic length.^{1,2}

HOW?

Photobiomodulation - or Low Light Level Therapy (LLLT) - is an athermic and non-invasive treatment mode based on seven wavelengths, each of them with specific action.

Photons penetrate skin and are absorbed by the cells. This energy participates to cellular regeneration.

¹Al-Dboush, Ra'ed, Anahita Naseri Esfahani, and Tarek El-Bialy. « Impact of photobiomodulation and low-intensity pulsed ultrasound adjunctive interventions on orthodontic treatment duration during clear aligner therapy ». The Angle Orthodontist 91, n°5 (september 2021): 619-25.
²Cacclaniga, G., C. Crestale, M. Cozzani, A. Piras, S. Mutinelli, A. Lo Giudice, and G. Cordasco. « Low-Level Laser Therapy and Invisible Removal Aligners ». Journal of Biological Regulators and Homeostatic Agents 30, n°2 Suppl 1 (june 2016): 107-13.

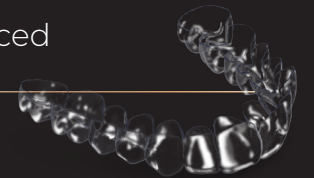
OUR SUCCESS STORY

Created by Philippe Véran in 2013, **Smilers®** is an affiliate of the french group **Biotech Dental**.

Biotech Dental is part of **Upperside**, a French family-owned holding company, involved in industry, healthcare, entertainment, sports and cosmetic fields.



1+ Million
aligners produced



smilers®

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Manufacturer of Smilers custom-made clear aligners and Smilers Fix: Biotech Dental Smilers. Class IIa custom-made medical devices for dental alignment or immobilize and maintain the teeth position after orthodontics treatment. WOW® Manufacturer: Scan4all. Class I medical device for digital dentistry. CE. ATP38 Manufacturer: Swiss Bio Innov. Class IIa medical device. CE0459. Technology for medical applications: analgesic, anti-inflammatory, healing. Must be used by qualified and trained healthcare professionals. Protective eyewear must be worn by the practitioner and the patient. Contraindicated for patients with pacemakers, epileptic patients, pregnant women and prepubescent children. All medical devices mentioned are reserved for healthcare professionals. Carefully read the instructions on the leaflets. Not reimbursed by french social security. Biotech Dental Smilers. 305, Allées de Craponne - 13300 Salon de Provence - France. A French company under the French law with a capital of 125 000 € - Commercial register Salon de Provence : 801 674 375 - SIRET : 801 674 375 00010 - N° TVA : FR 93 80 167 437 5. Images are for representation purpose only. Do not throw in public areas.
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