

sm;)ers



INDICATION

Smilers® orthodontic aligners are designed to correct dental malocclusions in order to restore functional alignment for teenagers and adults.

APPLICATION

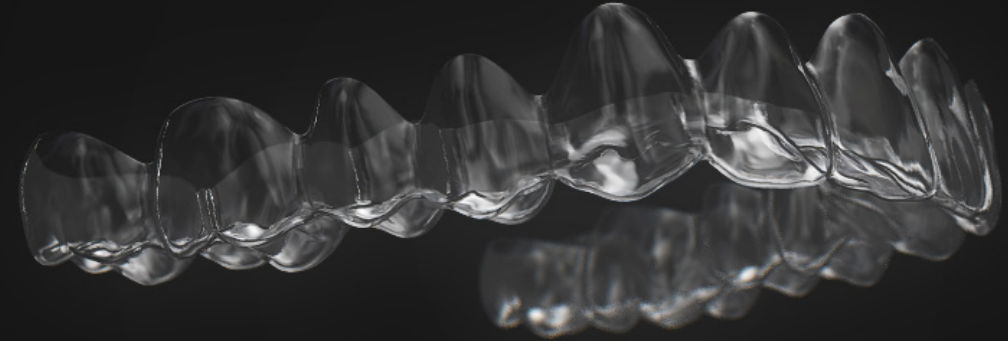
Smilers® custom-made aligners fit the patient's teeth and apply constant and particularly light mechanical forces. Aligners are designed to apply the right amount of force, in the right place and at the right time.

Attachments may be added to some teeth to help with movements such as rotations, intrusions and extrusions.

Interproximal Reduction or IPR (reduction of the enamel) may be necessary in some cases.

Possible translation:
up to 0.2 mm
for each aligner

Possible rotation:
up to 2-3°
for each aligner



TREATMENT TIME

Smilers® aligners treatment can see its time changed depending on the 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.

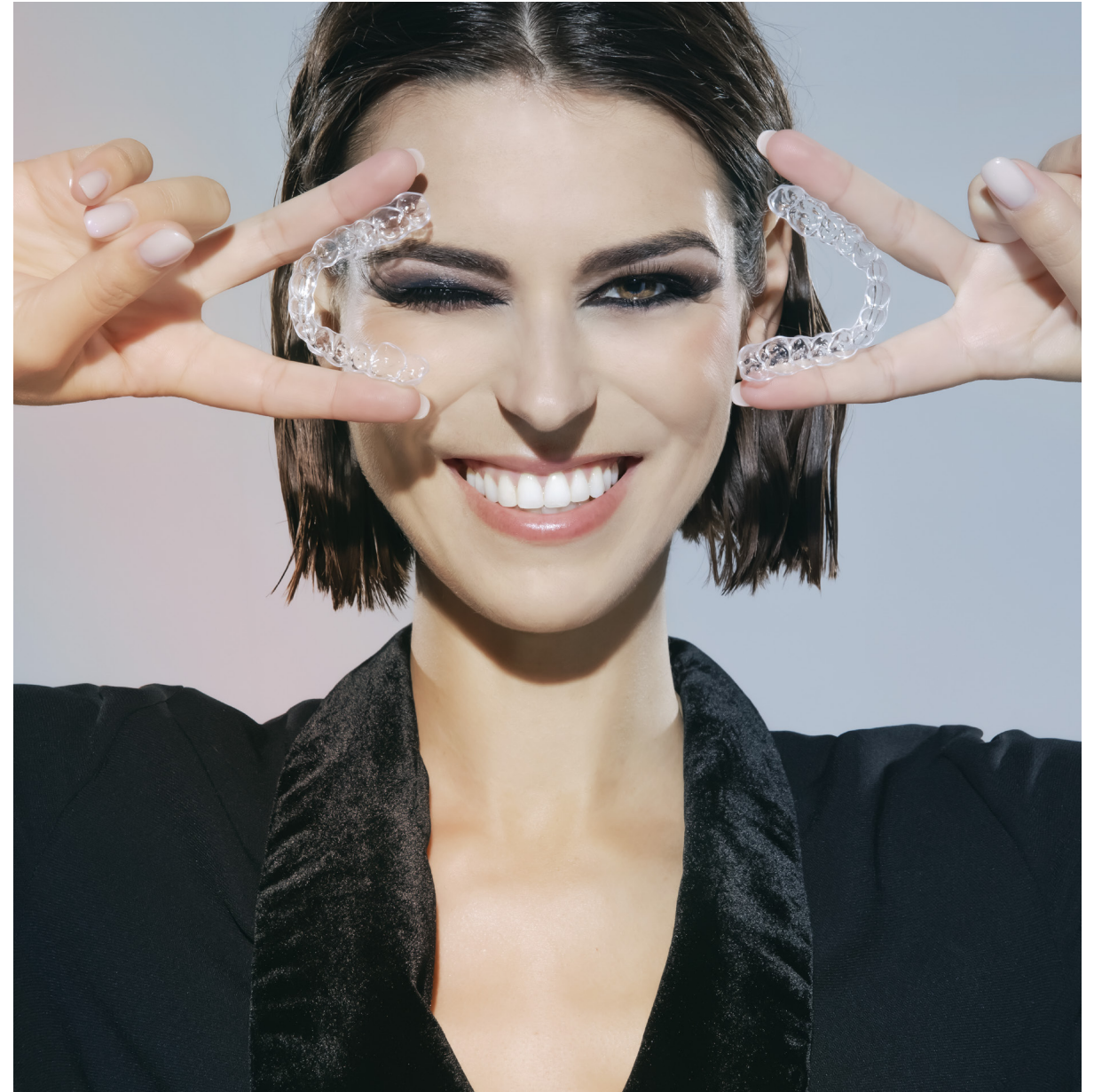
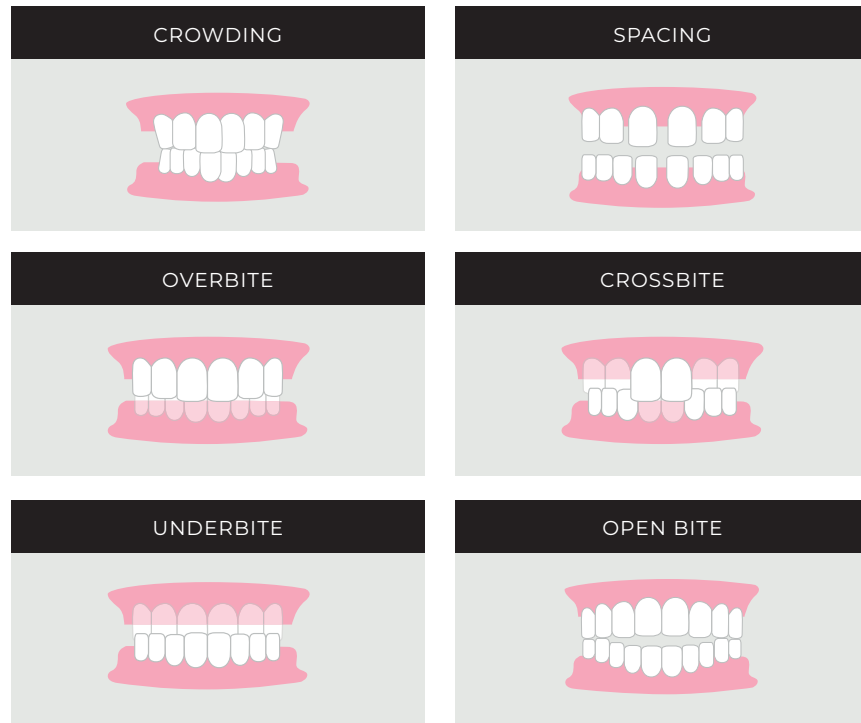
Each aligner should be worn 1 to 2 weeks.

ELIGIBILITY



From 12 years old (with all permanent teeth).








Ability to treat any class of malocclusion, from a simple alignment to the most complex cases (use of elastics, miniscrews and chains).





SMILERS® PROCESS STEPS



-  — You take **impressions** of the patient's arches (physical or digital).
-  — Patient's impressions are **processed by our teams**.
-  — Our **Smilers® orthodontists** develop a **treatment plan**.
-  — The **treatment plan** is sent to you, with the **"Smilerstory"** (before/after video). If you have any questions or would like to modify the treatment plan, you can **contact our orthodontists**.
-  — Once you have approved the treatment plan, a **set of Smilers® clear aligners** is sent to you.
-  — Aligners are delivered with the instructions and an aligner template to easily place the attachments (if necessary).
-  — Patient changes its aligners every **2 weeks (1 week with the ATP38® treatment accelerator)**. Follow-up appointments are required to ensure a successful treatment.

NEMOCAST PROPRIETARY SOFTWARE

USED BY OUR ORTHODONTISTS
TO DEVELOP
TREATMENT PLANS



Real root
segmentation

✓ REAL ROOT SEGMENTATION

To overlay true roots with .DICOM and .STL impressions files, for an improved predictability*.

✓ SUPERVISED IPR

To **PROTECT** the teeth enamel, interproximal reduction is limited to 0.3 mm per side.

✓ UNIQUE EXPERTISE

Treatment plans are exclusively developed by our **SMILERS® ORTHODONTISTS** via NemoCast (NemoStudio Suite).

✓ MULTIDISCIPLINARY SOFTWARE

With **35 YEARS OF EXPERIENCE**, our treatment plans are designed to be comprehensive.

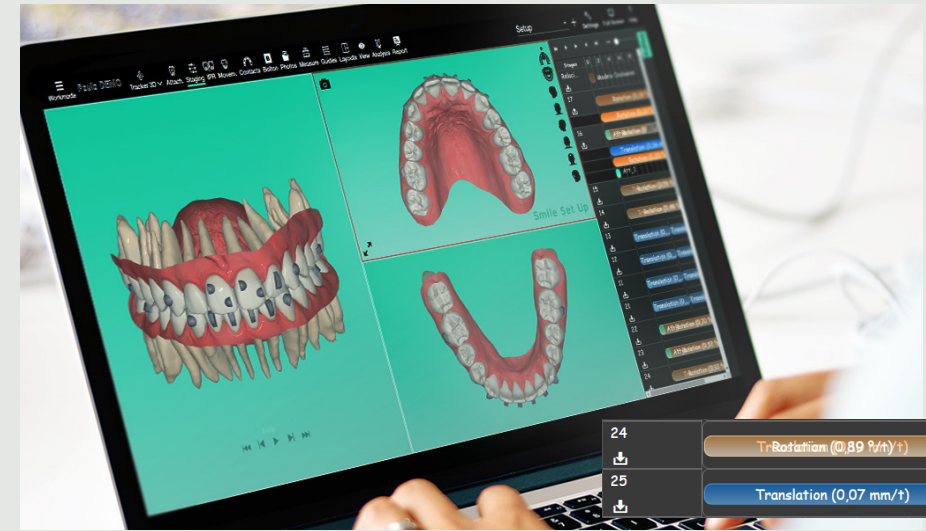
*Compared to treatments developed with the previous version, with no root segmentation nor movement visualisation - Study from Angela Chiara D'Alessandro and others «Integrating CBCT and Virtual Models for Root Movement with Clear Aligners» - Journal of clinical orthodontics (jco-online.com). Mars 2020.

SMILERSTORY

VIEW TREATMENT STEPS
FOR EACH ALIGNER
AND EACH TOOTH

Increase your patients understanding to their treatment by sharing the **“Smilerstory”**: the before/after treatment video*.

See teeth various movements as well as attachments and interproximal reduction, to be aware of what is happening and when.



*Smilers® cannot guarantee the result and remains conditioned on the instructions respect concerning the wearing and maintenance of aligners, to the human biology changing from one person to another. Additional phases may sometimes be necessary.

EVEN MORE

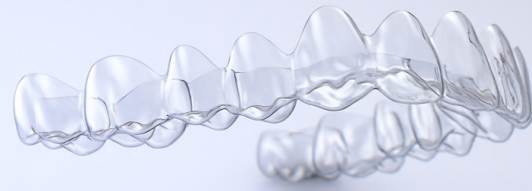
+ MORE SAFETY

Our aligners benefit from a **unique cleaning process** and are **bisphenol A free**.



+ MORE ADAPTATION

In the case of a complex treatment, a **reevaluation** of the current treatment is possible by **separating the aligners tray releases**: sending them 10 by 10.



+ MORE EXPERTISE

Treatment plans **developed by Smilers® orthodontists**, available via the hotline.



+ MORE TRANSPARENCY

3D stereolithography impression: Smoother surface for your aligners to remain transparent.

Transparent aligner after 14 days soaked in coffee.
According to study: 010-R v.00 Test Report: Aligners' Coloration Testing.

Smilers® aligner



Competitor aligner

Not available in all countries, please contact your local representative

+ MORE COMFORT

Aligners inspired by French haute couture **cut along the dental neck** and **hand-polished**.



+ MORE SECURITY

Secured data hosting in France: optimal availability of data and control of energy costs.
An **ISO 27001** and **HDS*** certified solution.
In compliance with the **GDPR****.



+ MORE EFFICIENCY

Our plastic maximises **the surface and the contact time** with teeth.

Rigid enough to perform all movements from the treatment plan.



+ MORE SUPPORT

You can contact Smilers® orthodontists via the hotline and messaging service.

Classification of cases by complexity
white ○ / red ● / black ●
Select the treatments you wish to start.



*Hébergeur de Données de Santé - Health Data Hosting
**General Data Protection Regulation

MADE IN FRANCE QUALITY



FRENCH ALIGNERS OF HIGH-QUALITY

Granted with the ISO 13485 certification proving the qualitative production of our aligners.



MADE IN FRANCE GUARANTEE

Our custom-made aligners have the «Origine France Garantie» label.



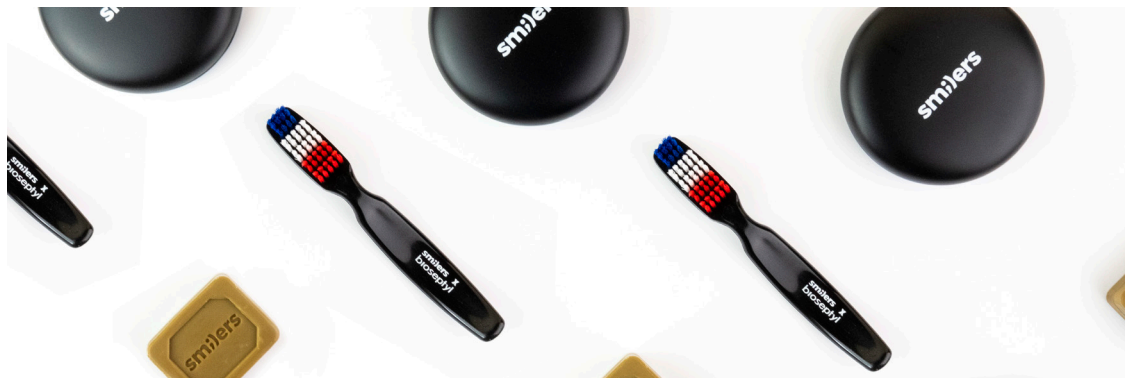
CE

Our aligners are manufactured from a CE certified plastic.



BPA FREE

Bisphenol A free: the safety of our patients is our priority.



ECORESPOSIBLE



LIMITING WASTE

For complex cases, **separate aligners tray releases** and receive your aligners 10 by 10.



LIMITING ENVIRONMENTAL IMPACT

- Brochures are printed with vegetable-based ink,
- Our new factory is eco-friendly.



BIOTECH DENTAL RECYCLING

The first aligner company in the world* to recycle its industrial scraps.



LIMITING CARBON FOOTPRINT

Our aligners are made in France.

Not available in all countries, please contact your local representative.
*according to the competition study

OUR RANGE OF RETAINERS

SMILERS® FIL



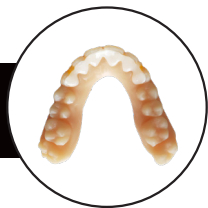
- ✓ Digitally custom-made.
- ✓ Passive: does not apply force on teeth.
- ✓ Made of metal, very strong: 3 strands twisted.
- ✓ With or without positioning key.

RETAINER



- ✓ 1 mm thickness.

SMILERS® FIX



- ✓ Tailored system.
- ✓ Discreet and resistant.
- ✓ Extra thin.
- ✓ With or without hooks.



YOUR INTRAORAL SCANNER WILL BE OURS

Our system is **OPEN** and accept files from **ALL** intraoral scanners.



WOW®

Complete integration with a direct connection to Smilers®.

3Shape TRIOS

Complete integration with a direct connection to Smilers®.

WOW®

- ✓ Scanner adapted for **small mouth**.
- ✓ Changing interface for **kids**.

3shape ▶ ODFrance

ORTHODONTIE DIGITALE

- ✓ **The reference** for adult intraoral scanner.
- ✓ **The orthodontists and orthotists choice**.

Not available in all countries, please contact your local representative

ATP38®

BOOST ORTHODONTIC TREATMENT WITH PHOTOBIO-MODULATION

- ✓ Reduces inflammation and pain
- ✓ Helps bone healing
- ✓ Reduces treatment time^{1,2}: 1 week per aligner



Photobiomodulation or Low Light Level Therapy (LLLT) is painless, athermic and non-invasive.

Stimulating cellular regeneration through the diffusion of natural wavelengths.

¹Al-Dboush, Ra'ed, Anahita Naseri Esfahani, et 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 (septembre 2021): 619-25.

²Caccianiga, G., C. Crestale, M. Cozzani, A. Piras, S. Mutinelli, A. Lo Giudice, et G. Cordasco. « Low-Level Laser Therapy and Invisible Removal Aligners ». Journal of Biological Regulators and Homeostatic Agents 30, n° 2 Suppl 1 (juin 2016): 107-13.

Not available in all countries, please contact your local representative

OUR TRAINING

BENEFIT FROM A PRIVILEGED
AND ONGOING SUPPORT



Biotech Dental Academy

Training adapted to
your needs

- ✓ Smilers® **introduction** course.
- ✓ Smilers® **improvement** course.
- ✓ **Personalised** coaching.
- ✓ **Monitoring & Management** of clinical complications.
- ✓ **Provides** Smilers® treatment with complete **Piece of mind**.

Not available in all countries, please contact your local representative

OUR PACKAGES



LET'S GO

- ✓ For **aesthetic** treatments.
- ✓ From **premolar** to **premolar**.
- ✓ **Illimited** number of **aligners** (except for retainers).

GO FORWARD

- ✓ Choosing the **number of aligners**:
10 / 20 / 30 / 40 or illimited.
- ✓ **SAFE option**:
aligners for additional phases are included.

Not available in all countries, please contact your local representative

PATIENT WELCOME BOX

SUPPORT
YOUR PATIENTS WITH
COMFORT & PRACTICALITY

1 FREE BOX PER PATIENT



Aligners brush
made of 100% recycled and
recyclable plastic.

Authentic
Marseille soap
from our native Provence.

Protective **case.**

LAGALAXY BY BIOTECH DENTAL

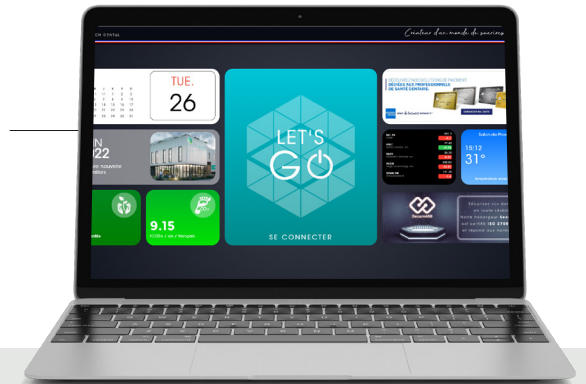
AN INNOVATIVE TOOL FOR A MORE
CONNECTED AND COLLABORATIVE PRACTICE:
4.0 DENTISTRY

LaGalaxy is a secured digital ecosystem gathering
all Biotech Dental products, solutions and entities.

This platform provides practitioners with a centralized location for all
patient digital data, sales management (invoicing, order status, shipping
information), Smileys as well as many other applications.

FIND YOUR SMILEYS
IN YOUR SPACE

LaGalaxy



1 Smiley = 1 euro

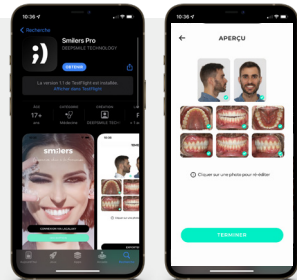
Can be used with all
partners brand.

YOUR LOYALTY IS REWARDED VIA:

- ✓ WOW® and 3Shape digital impressions (20 to 30 Smileys per impression).
- ✓ Biotech Dental Academy training courses.
- ✓ Roots segmentation.
- ✓ Before / after cases.

ARTIFICIAL INTELLIGENCE

DEDICATED TO ORTHODONTICS



SMILERS PRO PHOTO APPLICATION

SMILERS X UDINI

- ✓ Use your **smartphone iPhone / Android** to capture information.
- ✓ Automatic adjustment of photos (background, framing, ...) thanks to artificial intelligence.
- ✓ Photos **hosted for free** and **securely** on your Smilers® and LaGalaxy account.

CONNECTED ORTHODONTY

SMILERS X DENTALMONITORING

- ✓ The only AI solution to provide a complete visibility on the treatment progress.
- ✓ A greater control on treatments and an improved patient experience.
- ✓ A dedicated patient application for easier communication and improved observance.



INTELLIGENT ANALYSIS FOR DENTAL PANORAMICS

SMILERS X ALLISONE

- ✓ **Immediate and intelligent** analysis.
- ✓ **A faster and safer** reading.
- ✓ Dental plan automatically filled on your Smilers® space.

Not available in all countries, please contact your local representative

WHITENING & ALIGNMENT



COMFORT - PRACTICALITY - EFFICIENCY

- ✓ High viscosity gel **easy to apply**.
- ✓ Fluoride to **reduce sensitivity**.
- ✓ Kit of 4 syringes **convenient to carry**.
- ✓ Extended release **for a more lasting treatment**.
- ✓ Developed especially **for alignment aligners use**.

Not available in all countries, please contact your local representative



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Smilers_Aligners



Smilers Aligners



www.smilers.com

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 € - RCS Salon de Provence: 801 674 375 - SIRET: 801 674 375 00010 - VAT number: FR 93 80 167 437 5.

Manufacturer of custom-made aligners Smilers®, et Smilers® Fix and retainers: 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. 3Shape TRIOS intraoral scanner is a class I medical device for dental care. ISO 13485 certified by the organism BSI. CE marking date: April 2015 TRIOS 3 - December 2018 TRIOS 4. Manufacturer: 3Shape TRIOS A/S. NemoStudio Suite manufactured by Software NemoTec, S.L. Diagnostic and treatment plan support tool for dentistry & oral and maxillofacial surgery. Class I medical device. CE2797. Pola For Aligners cosmetic. Manufacturer: SDI. ScanBox Pro class I medical device to be associated with a smartphone for scanning procedures (Phone support), and designed to move cheeks and lips away from the oral and labial surfaces of the teeth and gums during scanning procedures (Cheek Retractor Tube); performed and carried out with Dental Monitoring software. CE. Manufacturer: Dental Monitoring. All medical devices mentioned are for health professionals only. Carefully read the instructions on the IFU. No refund from french social security.

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