

Graphy

Why Patients Love SMA



- ✓ Crystal-clear and removable



- ✓ No food restrictions



- ✓ Easy brushing & flossing



- ✓ Comfortable fit, personalized to your teeth



- ✓ Shorter treatment duration



- ✓ High predictability



- ✓ Fewer emergency visits



- ✓ BPA-free and safe materials

Graphy

Shape Memory Aligner is the **BEST**

Benefit

Easy care, fewer visits

Clean with hot water.
Stay hygienic with less time at the clinic.

Evolution

Smarter and safer

Direct 3D printing.
No heating. No material waste.

Special

Gentle force, faster results

Less pain.
More movement per step.

Trend

Truly invisible

Smile with confidence throughout treatment.

References

Medical device stability Certification : KFDA, GMP, FDA 510k, ISO13485, CE Class II etc.

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- Materials (Basel). 2021 Apr 5;14(7):1799.
- Am J Orthod Dentofacial Orthop. 2020 Dec;158(6):889-897.
- Sci Rep. 2022 Apr 15;12(1):6246.
- Am J Orthod Dentofacial Orthop. 2020 May;157(5):594-601.
- Angle Orthod. 2019 May;89(3):359-364.

Shape Memory Aligner is the medical device for orthodontic treatment manufactured using the 'World's First ' patented Direct 3D printing technology. (License number : 21-4949)

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3D Print the World with Graphy's Solutions

Supplier : Graphy Inc. Manufacturer : Digital Graphy Inc.
E-mail info@itgraphy.com

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3D Print the World with Graphy's Solutions



**Shape Memory
Aligner®**

A new standard in orthodontics.
Shape Memory Aligner
clear, comfortable, and faster.



Shape Memory Aligner
Easy and simple ordering
and confirmation:
www.graphyteams.com



More information is
available through
the QR code:
www.itgraphy.com

What is New in Shape Memory Aligner Treatment?

From the diagnosis of the patient to the production, cutting-edge technology is grafted to enable efficient orthodontic treatment that minimizes the errors that come from the Conventional thermoforming Procedures.



Scanning
Scanning



Diagnosis and treatment planning
Diagnosis, Treatment Planning
and Aligner Design

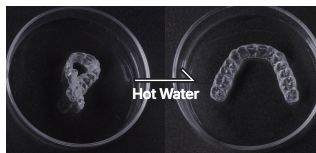


3D Printing
Aligner Printing



Final Completion
Completed Aligner

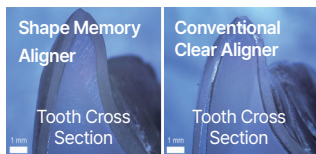
The Uniqueness of Shape Memory Aligner



Hot Water

Shape Memory Effect

By applying the shape memory effect to the Shape Memory Aligner, the deformation of the device accompanying wearing is eliminated and the best orthodontic treatment effect is achieved.



Shape Memory
Aligner

Conventional
Clear Aligner

Tooth Cross
Section

Tooth Cross
Section

Advantages of Shape memory Effect
Stable orthodontic treatment is possible by providing precise force with the excellent fit between the Shape Memory Aligner and the teeth



Shape Memory Aligner

Strategic Thickness Control is Possible with Direct Printing Method
It is possible to adjust the in various ways thickness of the device so that detailed treatment plan suitable for each characteristic patient is possible.

Shape Memory Aligner Gentle. Smart. Invisible.

Final Call-to-Action

(for poster, banner, or back cover)

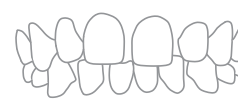
- ✓ Less pain
- ✓ Shorter time
- ✓ Confident smile

When is SMA the better choice?

- After extractions or hard-to-move teeth
- Severe crowding or rotation
- Relapse or second-time treatment
- Precise spacing needed
- Prefer no visible attachments
- Busy schedule or long-distance living
- Want cleaner, more comfortable aligners
- Unsatisfied with previous clear aligners



Crowding



Spacing



Deep Bite



CrossBite



Open Bite



Asymmetric Dentition

Shape Memory Aligner FAQ

01 Is there an age range that can be treated for children or the elderly?

There is no age limit for Shape Memory Aligner treatment as long as the teeth and supporting structure are healthy. If you are child or an elderly person, please follow the guidance of dental clinic to decide whether to treat or not.

02 Is all orthodontic treatment possible with Shape Memory Aligner?

Treatment of open bite and deep bite, mixed dentition and skeletal jaw may require additional treatment. You may also need additional tools, such as skeletal expanders, adhesive aids, and elastics.

03 How often should I visit the dental clinic?

This may vary depending on your treatment plan. Normally, you may need to have a checkup every 4 to 6 weeks.

04 Does wearing a Shape Memory Aligner affect pronunciation?

As with other clear aligners, you may feel temporarily uncomfortable with your pronunciation when you wear the Shape Memory Aligner, but it will get better once your tongue gets used to the Shape Memory Aligner in your mouth.

05 Are there any restrictions on the foods you can eat?

In general, there are no restrictions, and unlike conventional orthodontic appliances, the Direct should be removed when eating, so you can eat whatever food and drink you want. (There is no need to remove the Shape Memory Aligner when drinking cold water.)

06 Can I chew gum while wearing a Shape Memory Aligner?

No. Gum sticks to the Shape Memory Aligner. It is strongly recommended that the Shape Memory Aligner be removed with all meals and snacks.

07 Please tell me in detail about washing, disinfection and storage methods.

To clean the Shape Memory Aligner, you can use toothpaste with running water, and it can be sterilized with hot water. (Washing in water over 60 °C for less than 1 minute)
Put the Shape Memory Aligner in the separately provided case and keep it in cool place when you are not wearing the device.

08 Is Shape Memory Aligner patented or certified?

Shape Memory Aligner is patented in Korea and abroad. In addition, it obtained a medical device FDA 510k certification from the Ministry of Food and Drug Safety.