

*For the smile of the world*

# PRODUCT GUIDE

- Successfully developed Fluoride Varnish for the first time in Korea!
- Class - II Korea Ministry of Food and Drug Safety Approval
- GMP certification / CE certification
- INNOBIZ(Technology Innovation Company) approval



# Denbio



CEO  
Kang, Hong-Won

## Greetings

Denbio Co.,Ltd. has been growing worldwide by continuously researching and developing the new product in dental field. We aim at producing all the material in house and localizing to protect domestic market.

As a result, we have developed the high-concentrated fluoride varnish (Nt clear varnish) for the first time in Korea.

We strive to expand our position in domestic and also global market.

With the effective production management and automation system, we are developing and releasing new products such as fluoride product, restoration, polishing agent, etchant., etc.,

All products are produced under ISO standard and we always put our priority on our valuable customers for customer's satisfaction.

## Patent



Certificate GMP



CE CERTIFICATE



ISO CERTIFICATE



Bur for resin polishing



Dental fluoride Varnish



Dental Restoration  
Composite Resin



Fluoride releasing dental  
composite Resin





# Denbio History

'13~'15

## Established

GMP certified  
Fluoride Varnish registration on KMFDS and patent registration  
R & D institute established

'16~'18

## Development stage

Medical device import licensed  
Denbio Trademark registration  
Class 2 registration of Fluoride Varnish and Resin on KMFDS

2019

## Expansion stage

CE2195 certified , ISO13485 certified  
Inno- Biz certified

2020

## Expansion stage

Manufacturing registration of quasi-drugs  
KF mask registration

2021

## Global expansion

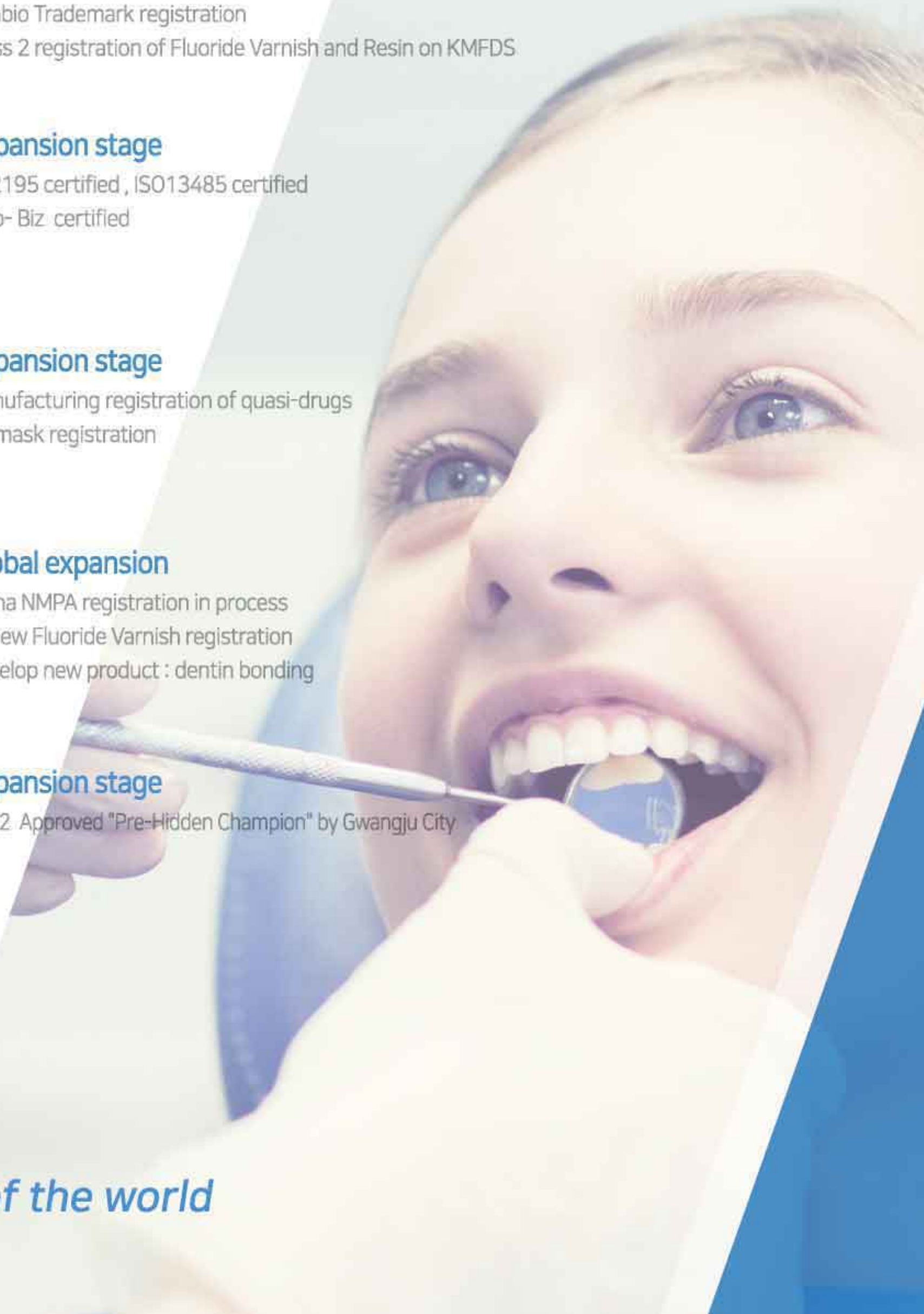
China NMPA registration in process  
Renew Fluoride Varnish registration  
Develop new product : dentin bonding

2022

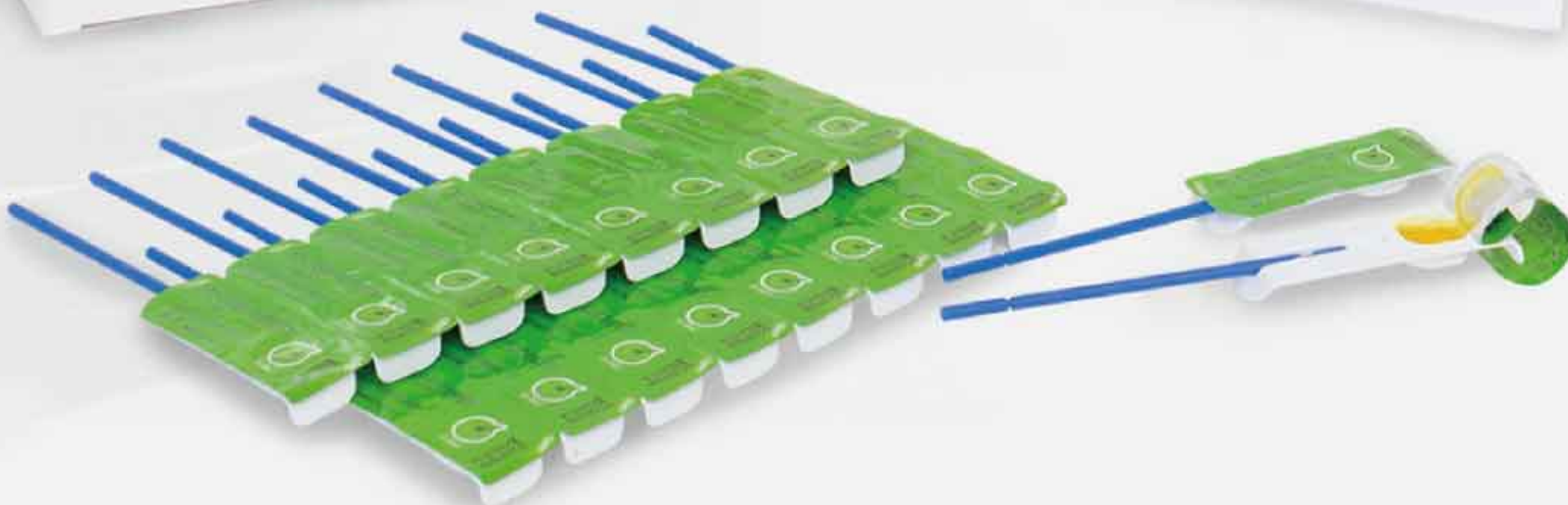
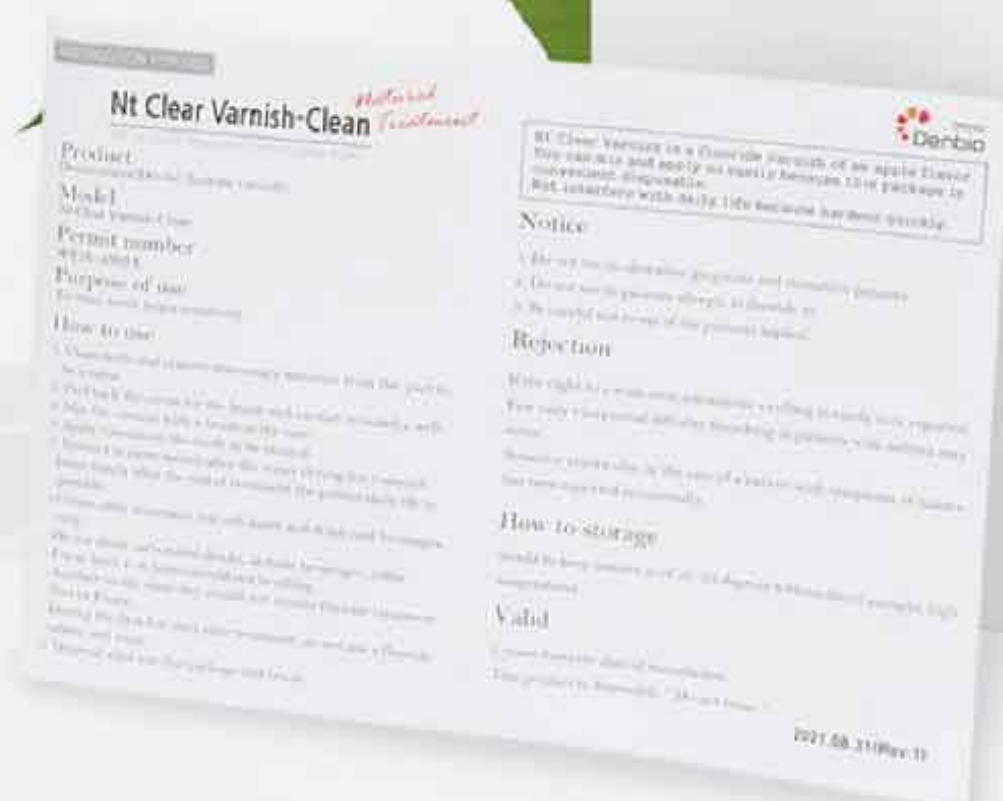
## Expansion stage

2022 Approved "Pre-Hidden Champion" by Gwangju City

*For the smile of the world*









# Nt Clear Varnish-Clean

## Intro

Nt Clear Varnish is a fluoride varnish that contains 5% NaF



**Apple taste** ▶ 5% Sodium Fluoride Varnish (Desensitizer)  
With Calcium phosphate(TCP)  
With Tocopherol(Vitamin-E)  
With Xylitol

## Sub-brand



## Orange taste

- Nt Varnish(0.3ml) - For children
- Nt Varnish(0.4ml) - For adult

## Features

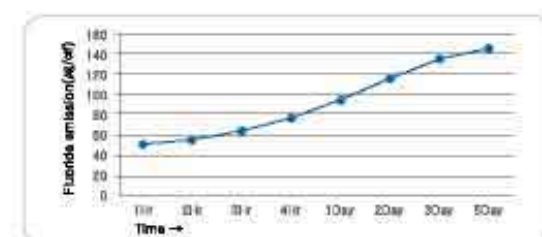
- Tooth adsorption and excellent coating
- Continuous release effect of fluoride
- The protection of dental caries, the effect of hypersensitivity treatment, the function of promoting remineralization
- The improvement of antimicrobial activity and halitosis, the improvement of intra oral blood flow and the effect of the protection of oral cavity such as antioxidant activity
- Containing highly concentrated fluoride ion (22,600ppm)
- The technical formulation of calcium(TCP), xylitol and toco- pherol (Vitamin-E)
- Maintain similar color of the teeth and clearness for the teeth
- Removing the remaining oral foreign body sensation
- The fresh and sweet taste of unripe apple
- Approved by Ministry of Food and Drug safety(class II)
- The certification of biological stability evaluation
- Domestic patent



### < The superb blocking effect of dental tubules (hypersensitivity treatment) >



### < The effect of continuously releasing fluoride >



## Contents

Nt Clear Varnish(0.4ml) - Box (For both kids and adults)  
- 32pieces/200pieces







# NT-FILL Composite Resin

## Intro

NT-FILL composite resin is light-cured composite resin



- ▶ Composite resin with color stability and high strength <Non-sticky>
- ▶ Shade : A1, A2, A3, A3.5, A4, B1, B2, B3, E1, OW, OA2, OA3

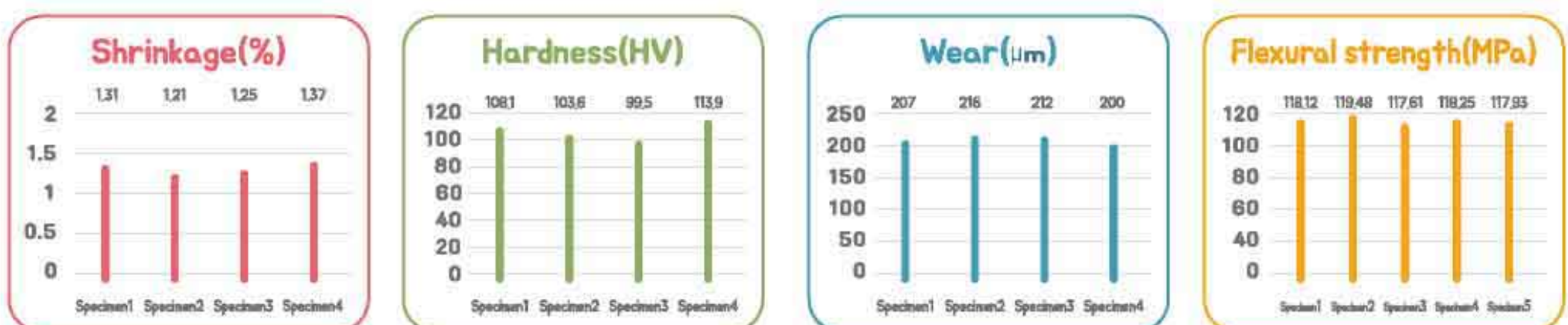
## Sub-brand



- ▶ NT-FILL Flowable resin - 2g x 2Syringes
- ▶ Shade : A1, A2, A3, A3.5, A4, B1, B2, B3, OA2, OA3

## Features

- Excellent strength suitable for anterior region and posterior region, and wear rate close to natural teeth
- Excellent gloss lasting and excellent aesthetic restoration by applying VITA Shade
- Improved user convenience with optimized handling
- Excellent color stability, transparency, light transmittance, so it can restore aesthetics like natural teeth
- Excellent physical properties such as high radiopacity and excellent wear resistance
- Improved strength of resin by applying hybrid nanoparticles
- Continuously generates and releases fluorine without changing the physical properties of the composite
- Easy to form as it does not stick to the instrument when filling the resin



## Contents

NT-FILL (4g) - 1Syringe



# Natural-F Gel

## Intro

Natural-F Gel is a fluoride gel that contains 2.09% NaF



- ▶ 2.09% Sodium Fluoride Gel (Tooth remineralization)  
With Tocopherol(Vitamin-E)  
With Xylitol  
Application of food coloring
- ▶ Various Fruit Flavors  
- Strawberry, peach, orange, grape, mint (5 flavors)

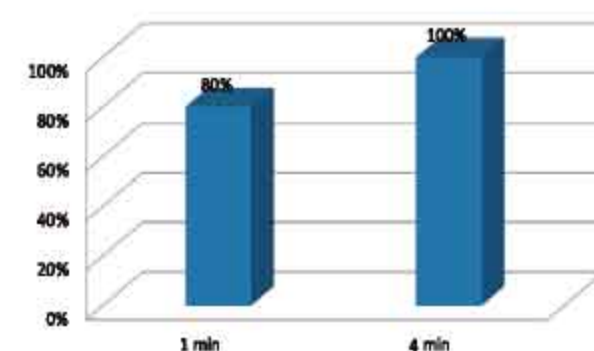
## Features

- Natural - F Gel has a gel texture and contains highly concentrated 2.09% fluoride compound.
- It should be placed on the tooth surface, so fluoride can be applied to the teeth.
- It should be applied to children over 4 years old for every 3-6 months after dental examination as it is highly concentrated compound that contains 1.23% fluoride ion.
- Sweet and various fruit flavors (strawberry, peach, orange, etc.) relieve resistance when applied to the teeth and it is highly beneficial for the health of the teeth as it contains xylitol.
- After application, be careful not to swallow fluoride and spit it out and do not consume food within one hour after applying fluoride.
- Natural-F Gel does not flow down when putting on the tray.

### < How to use >



### < Efficacy by Application Time >



- With a specially made tray, highly concentrated fluoride is applied to the surface of the teeth in a short period of time.
- It applies to the teeth when holding it in the mouth for about one minute after putting a moderate amount of fluoride gel that contains fluoride on the tray.

## Contents

Single unit (Amount : 500ml) / Strawberry, Peach, Orange, Grape, Mint (5 Flavors)  
- Tray (Sold separately)



# DB-Fluoride Gel Tray

## Intro

DB-Fluoride Gel Tray is used for Natural-F Gel application.



## Features

- New Material** • Minimize the resistance using harmless and soft rubber from previous expanded plastic.
- Good Structure** • Bumpy surface on the tray to prevent the flowing of gel when applying. Well fitted and comfortable holding with ergonomic design.
- Design** • Easy to hold and handle with curves in the middle to provide better folding and grasp.

## Contents

Box (100EA/Box)  
- S, M, L (3 Size Range & Specification)

# DB-Etching 37

## Intro

DB-Etching 37 is a dental acid etchant that contains 37% phosphoric acid



## Features

- Safety** • Enhanced safety with food ingredients.  
• Used natural color.
- Color** • Leaves no pigmentation on the teeth by using a proper amount of color.  
• Can be fully removed when getting rid of etching agent.
- Viscosity** • No lumps or falling down due to proper viscosity.  
• Can be evenly applied on the teeth with high flow properties.

## Contents

Can set (Amount : 3ml)  
- 5Syringe/Can  
- Disposable tip included



## DB-Prophy Paste (NON FLUORIDE)

### Intro

DB-Prophy Paste is dental pumice used to polish the teeth and prosthesis



### Features

<b>Fine abrasion</b>	• Made with nano-sized natural particles, it is effective for fine abrasion and less irritating.
<b>Color</b>	• Does not leave pigmentation with a moderate amount of color. • Thoroughly removes abrasive.
<b>Properties</b>	• Has less lumps due to proper viscosity and great abrasion properties thanks to rapid dispersion when applied
<b>Flavor</b>	• Added with sweet strawberry flavor and natural mint flavor, minimizing resistance when applied.

### Contents

Single unit (Amount : 340g)

## DB-Prophy Paste (WITH PHOSPHATED FLUORIDE(1.23% FLUORIDE ION))

### Intro

DB-Prophy Paste is dental pumice used to polish the teeth and prosthesis



### Features

<b>Fine abrasion</b>	• Made with nano-sized natural particles, it is effective for fine abrasion and less irritating.
<b>Color</b>	• Does not leave pigmentation with a moderate amount of color. • Thoroughly removes abrasive.
<b>Properties</b>	• Has less lumps due to proper viscosity and great abrasion properties thanks to rapid dispersion when applied
<b>Flavor</b>	• Added with sweet strawberry flavor and natural mint flavor, minimizing resistance when applied.

### Contents

Single unit (Amount : 340g)



# DB-Prep

## Intro

DB-Prep is a root canal cleaner optimally combined with glycol, urea peroxide and EDTA



## Features

- |                      |  |
|----------------------|--|
| <b>Applicability</b> | <ul style="list-style-type: none"> <li>• With chelation, it functions to remove inorganic compounds.</li> <li>• Handling the tools is easy due to lubricating function when forming the root canal.</li> </ul> |
| <b>Color</b>         | <ul style="list-style-type: none"> <li>• Has a similar color as the teeth, leaving no pigmentation.</li> <li>• Able to thoroughly remove the product after application.</li> </ul>                             |
| <b>Viscosity</b>     | <ul style="list-style-type: none"> <li>• Cream type texture leaves no lumps and has high flowability.</li> <li>• Can be sprayed inside the crown due to great flow properties.</li> </ul>                      |

## Contents

- Can set (Amount : 6g)
- 2Syringe/Can
  - Disposable tip included

# DB-DualClean

## Intro

DB-DualClean is the suction cleaner for dental suction system, made from natural enzyme



## Features

- |                       |  |
|-----------------------|--|
| <b>Detergency</b>     | <ul style="list-style-type: none"> <li>• There are no foam and rust, and it can remove contamination effectively.</li> </ul>   |
| <b>Sterilizing</b>    | <ul style="list-style-type: none"> <li>• It is effective against bacteria, mold, and viruses.</li> </ul>   |
| <b>Cost Effective</b> | <ul style="list-style-type: none"> <li>• It can save the cost by 1:100(max 120times) dilution.</li> </ul>  |
| <b>Safety</b>         | <ul style="list-style-type: none"> <li>• Safe to human body and equipment by using bio-degradable material. Environment friendly using Nano degrading enzyme.</li> </ul> |
| <b>Pleasant</b>       | <ul style="list-style-type: none"> <li>• Added orange flavor and phytoncide. Color can be checked when diluting it.</li> </ul>   |

## Contents

- Single unit (Amount : 2.5L)
- Dilution ratio(1:100)



## Quota-3

### Intro

Quota-3 is the cleanser used for hospital and dentistry



### Features

<b>Detergency</b>	• Completely removing the contamination even inside the instrument with excellent cleansing and no needs of rewashing.
<b>Rust Preventative</b>	• Protect all the equipment from rust and corrosion. • Service life extension and free from contamination.
<b>Cost Effective</b>	• Save cost by 50~80times dilution

### <How to use>

- 80times dilution : For general equipment (13ml for 1L) - mirror, forcep, probe, etc.
- 50times dilution : For precision equipment (20ml for 1L)- file, bur, drill, etc.

### Contents

Single unit (Amount : 1L/2.5L)

## DB-Ultrasonic Cleaner

### Intro

DB-Ultrasonic Cleaner is dental ultrasonic cleaner used in dentistry



### Features

<b>Detergency</b>	• Excellent cleansing for micropollutants and stain inside the equipment.
<b>Rust Preventative</b>	• Works as anti-rust and anti-corrosion agent for all the equipment. Remove the blood, protein, and stain causing rust.
<b>Cost effective</b>	• Save cost by 1:10 or 1:20 dilution ratio.

### <How to use>

- Ultrasonic Cleaning : Soak about 20 min. in 1:20 diluent. Do ultrasonic cleaning for 15min. (Example : 1L→product 50ml + water 950ml)
- General Cleaning : Soak 2~3 hours in 1:10 diluent and rinse off with water. (Example : 1L→product 100ml + water 900ml)

### Contents

Single unit (Amount : 1L)



# Noru-Z

## Intro

Noru-Z is used in hospital and dentistry, it is medical multi anti-rust agent



## Features

<b>Detergency</b>	<ul style="list-style-type: none"> <li>Protect all the equipment from corrosion and rust.</li> <li>Service life extension of the equipment and prevent contamination.</li> </ul>
<b>Rust Preventative</b>	<ul style="list-style-type: none"> <li>Removing contamination inside the equipment.</li> </ul>
<b>Cost Effective</b>	<ul style="list-style-type: none"> <li>Save cost by 1:4 dilution ratio.</li> </ul>

## <How to use>

- Soak more than 10 min. in 1:4 ratio diluent. Use it after cleaning and dry.
- For example : Noru-Z 200ml + Water 800ml

## Contents

Single unit (Amount : 1L)

# DB-Fog Free

## Intro

DB-Fog free is Anti-fogger used for dental mirror



## Features

<b>Effective</b>	<ul style="list-style-type: none"> <li>Remove the fog immediately after apply.</li> <li>Long lasting anti-fog with fast coating on the mirror.</li> </ul>
<b>Color</b>	<ul style="list-style-type: none"> <li>Safe food coloring , no pigmentation.</li> <li>Clear view with pure color.</li> </ul>
<b>Properties</b>	<ul style="list-style-type: none"> <li>Less bubbly, good flowability on the mirror.</li> <li>Easy clean with high flow property.</li> </ul>

## <How to use>

- General(1L) : Put the solution into the separate container and soak the mirror up to 1 minute before use.
- Mist(250ml) : Clean the mirror and spray. Remove it using 3-way syringe.

## Contents

Single unit (Amount : 1L / Mist - 250ml)



# DB-Tray Cleaner

## Intro

DB-Tray Cleaner is a tray cleaning product used for alginate impression



## Features

- |                    |  |
|--------------------|--|
| <b>Cleansing</b>   | • Powerful cleansing effect helps easily remove and cleanse alginate residue stuck to the tray.  |
| <b>Dissolution</b> | • The powder immediately dissolves into the water while creating a bubble and the residue is thoroughly decomposed, minimizing the damage to the tray. |
| <b>Color</b>       | • Added with blue color, it allows users to identify the dissolving status instantly, making it easy to use.   |

## Contents

- Single unit (Amount : 1kg)  
- Measuring spoon included

# Ultra Scaler Tip

## Intro

Ultra Scaler Tip is used for scaling teeth at dental clinics



## Features

- |                |   |
|----------------|---|
| <b>A-Type</b>  | • Removes odontolith from the subgingival surfaces and between the teeth  |
| <b>P-Type</b>  | • Removes odontolith from between the back teeth.   |
| <b>PS-Type</b> | • Gets rid of odontolith on the upper part and subgingival calculus<br>• It can easily reach the places between the teeth and narrow areas. |

## Contents

- Single Package (Amount : 1Tip)  
- A-Type / P-Type / PS-Type



# Functional Toothbrush and Oral Goods

## Intro

Functional toothbrush and oral care products for proper dental care

## Functional toothbrush



Adult Toothbrush  
(Double Injection)



Adult Toothbrush  
(Single Injection)



Youth  
Toothbrush



toddler  
toothbrush



Toothpaste-coated  
Toothbrush



Implant  
toothbrush

## Interdental toothbrush



Interdental Toothbrush  
(Bulk-100P)



Interdental Toothbrush  
(5P, 2P)



Dental floss (50yd)



Mini dental floss  
(15yd)



Disposable floss

## Other Oral Goods



Hourglass



Disposable mirror



Milk teeth case



Tongue Cleaner



Denture brush



Denture case



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