

**BNC**

Korea

Aesthetic Partner

L e t   y o u r   b e a u t y   B l o o m !



# BNC Korea, Inc.

BNC Korea is a global leader in the biotech industry. Since BNC Korea, Inc. was first established in 2007, the company has generated incredible accomplishments through prioritizing continuous research and development. Its R&D laboratory developed the hyaluronic acid filler in the field of biomaterials using bio-friendly polymer materials, the first company to do so in the Korean bio-venture industries and a landmark in the field. BNC Korea, Inc. continues to make every effort to develop innovative products in the field of biotechnology and life science technologies.

## Business Objective

01

### Collaboration

Profound cooperation with related fields for effective technology collaboration

02

### Challenge

Continually striving to implement cutting-edge technology

03

### Creation

Development of advanced technology using bio-friendly materials

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## ■ VACUUM INJECTOR

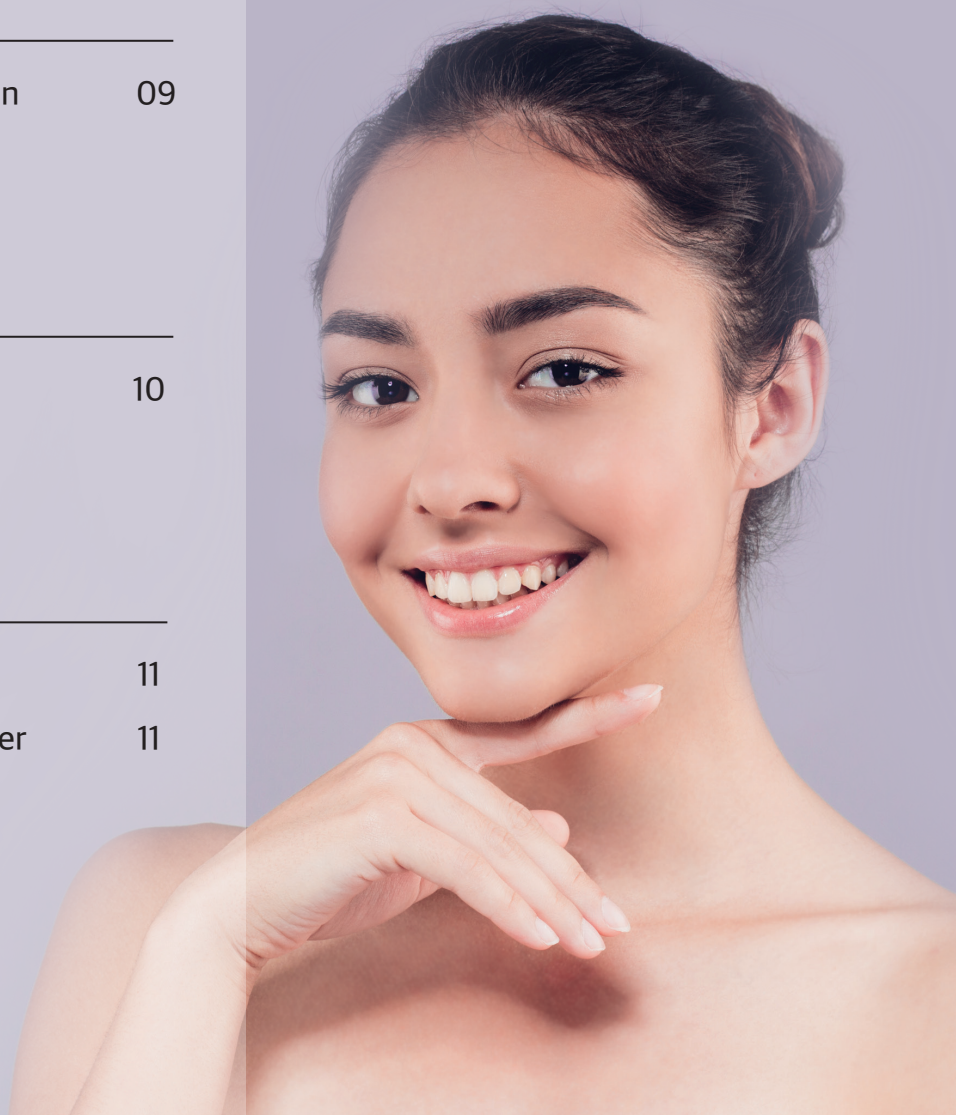
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## ■ UPCOMING PRODUCT

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HA Dermal filler

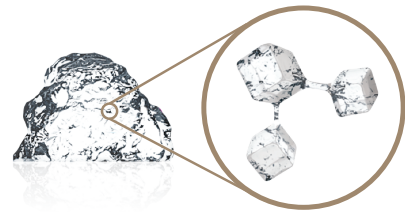
# CUTEGEL



Type	Cutegel		Cutegel with Lidocaine	
Classification	Medical device			
Main ingredient	Hyaluronic acid 20mg/mL		Hyaluronic acid 20mg/mL with 0.3% Lidocaine	
Package	S	0.7 mL	CL-S	0.7 mL
	Aqua-S	0.9 mL	CL-Aqua-S	0.9 mL
	N	1.0 mL	CL-N	1.0 mL
	Max	1.1 mL	CL-Max	1.1 mL
	Max 1400	1.1 mL *2	CL-Max 1400	1.1 mL *2
	Ultra	2.0 mL	CL-Ultra	2.0 mL
	Aqua	2.2 mL	CL-Aqua	2.2 mL
	Strong	3.0 mL	CL-Strong	3.0 mL

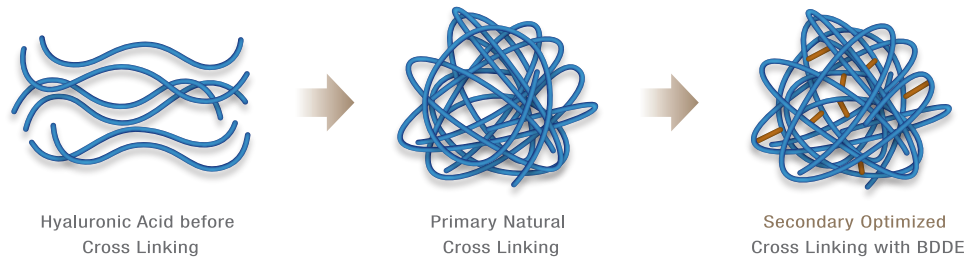
## EFFECT

- Smoothes away wrinkles
- Enhances facial contours
- Rejuvenates skin
- Augments facial volume

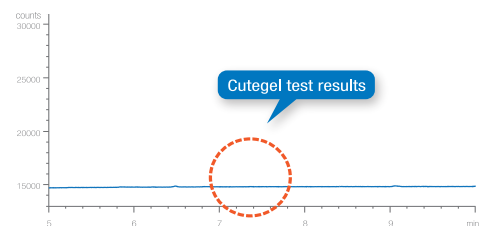
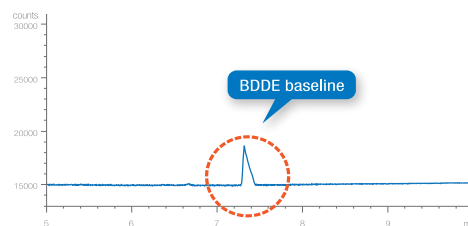


## 3D Linking

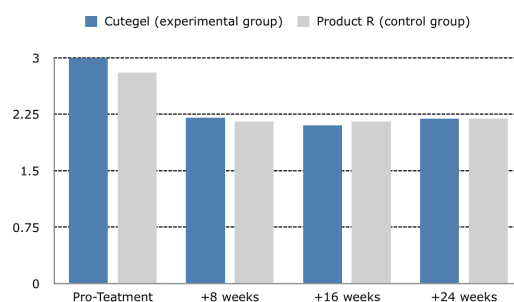
Cutegel is cross linked Hyaluronic acid dermal filler. 3D structure particle of HA gives you excellent and gorgeous volume by optimized elasticity and viscosity.



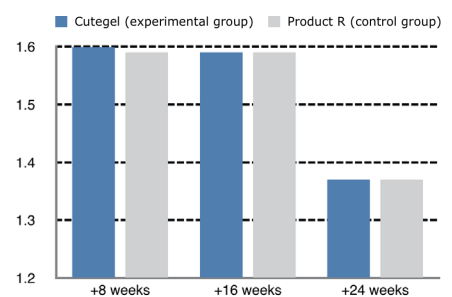
## Minimum BDDE



## Clinically Proven Efficacy & Safety



Comparison of WSR (Wrinkle Severity Rating Scale) evaluated by independent evaluator



Comparison of GAI (Global Aesthetic Improvement) evaluated by investigator

# Skin regenerating DNA injection S-DNA

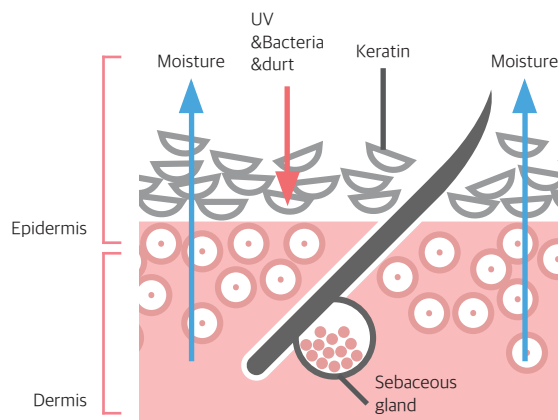
Classification	Medical device		
Main ingredient	Purified DNA from Salmon milt		
Package	S-DNA 0.2%	Sodium DNA 2mg/mL	1mL, 2mL, 3mL, 5mL
	S-DNA 0.5%	Sodium DNA 5mg/mL	1mL, 2mL, 3mL, 5mL
	S-DNA 1.0%	Sodium DNA 10mg/mL	1mL, 2mL, 3mL, 5mL
	S-DNA 2.0%	Sodium DNA 20mg/mL	1mL, 2mL, 3mL, 5mL



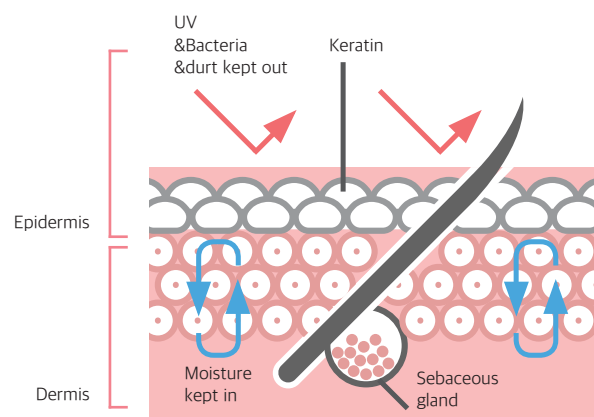
- EFFECT**
- Anti-aging
  - Anti-fine wrinkle
  - Whitening
  - Enhancing elasticity
  - Rejuvenation

S-DNA is a premium DNA injection which improves the physiological conditions of impaired dermis by healing with tissue regenerating material - purified DNA from salmon milt. It induces tissue regeneration and healing properties for damaged and aging skin cells and enhances skin's protective barrier to keep your skin healthy and firm.

## Tissue regeneration

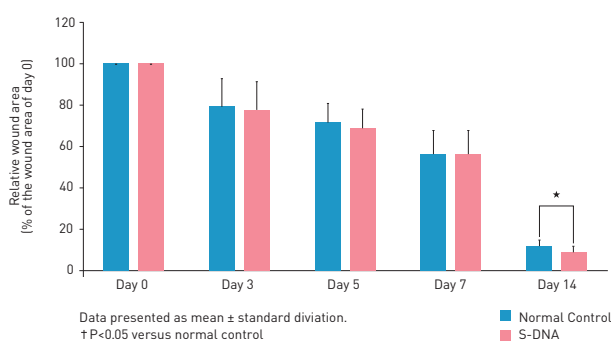


Disrupted Skin Barrier

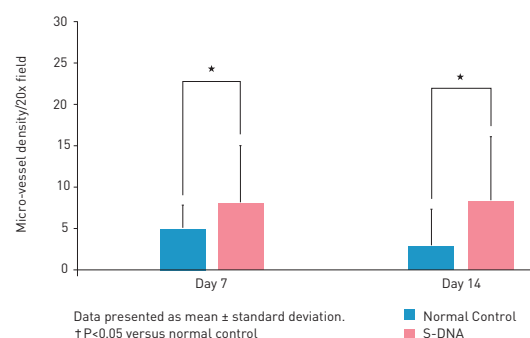


Healthy Skin Barrier

## Non-clinical study



Wound healing effects on wound



Angiogenesis effects on wound

# HA + DNA filler

## H-DNA



Classification	Medical device			
Main ingredient	Purified DNA from Salmon milt, Hyaluronic Acid			
Package	Model I	Sodium DNA	10mg/ml	1mL, 2mL, 3mL, 5mL
		Hyaluronic acid	10mg/ml	
	Model II	Sodium DNA	5mg/ml	1mL, 2mL, 3mL, 5mL
		Hyaluronic acid	15mg/ml	
	Model III	Sodium DNA	10mg/ml	1mL, 2mL, 3mL, 5mL
		Hyaluronic acid	20mg/ml	

### | EFFECT

- Anti-aging
- Anti-fine wrinkles
- Whitening
- Enhancing elasticity
- Rejuvenation

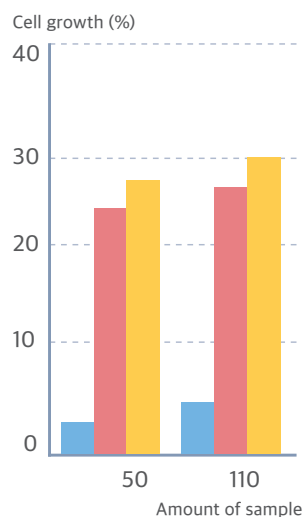


- Anti-deep wrinkle
- Volume
- Hydration

H-DNA is new concept filler which brings a synergy effect to your skin. It provides volume, smoothes away wrinkles, moisturizes and nourishes your skin, as it consists of a cell regenerating DNA that helps to recover the vitality of damaged and aging skin.

### | Synergy effect

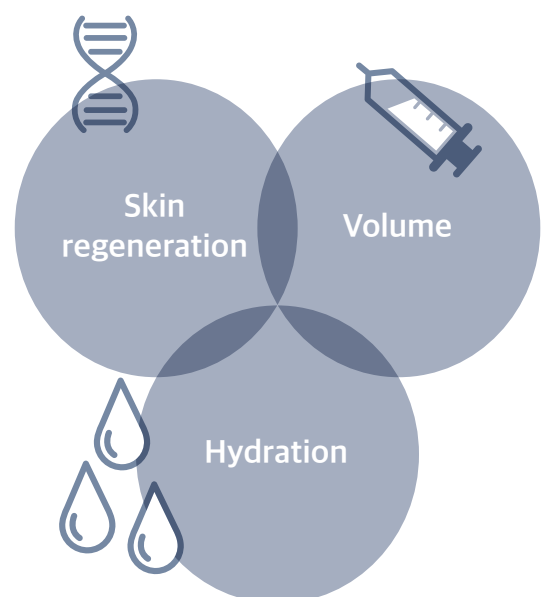
■ HA ■ PN ■ H-DNA



[Cell growth]



[Protein secretion]



PLLA filler

# Rockfill

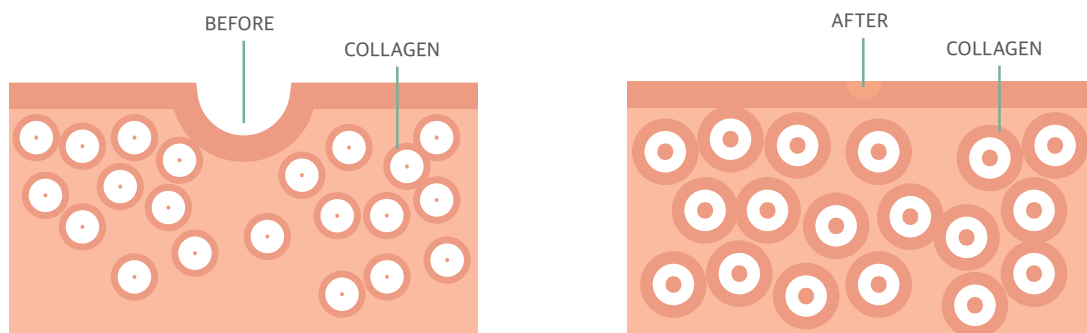
Classification	Medical device
Main ingredient	PLLA (Poly-L-Lactic acid)
Package	367.5mg / vial

## | EFFECT

- Natural volume
- Long lasting effect (approximately 2 years)
- Anti-wrinkle
- Enhancing elasticity

Rockfill is a long-term filler that naturally restores volume within the face, utilising an injection of substances that inspire the skin to generate collagen itself. Collagen is the main building block of our skin. Neocollagenesis stimulated by PLLA makes more collagen and provides overall resiliency as a result of volume recovery in both local as well as topical areas. Gradually, the rising volume of the skin makes your face look revitalized and youthful.

## | Neocollagenesis



### STEP1

Rockfill is used for recovering the loss of skin volume and reducing wrinkles due to aging skin.

### STEP2

Once Rockfill reconstituted with sterile water is introduced to the dermis layer of the skin, PLLA and moisture will enhance facial volume.

### STEP3

After a week of applying Rockfill, moisture is absorbed into the body, leading to the reduction of volume.

### STEP4

As injected PLLA breaks down, Rockfill will promote collagen production.

### STEP5

4-6 weeks later, collagen will accumulate to recover the facial volume where it is necessary.

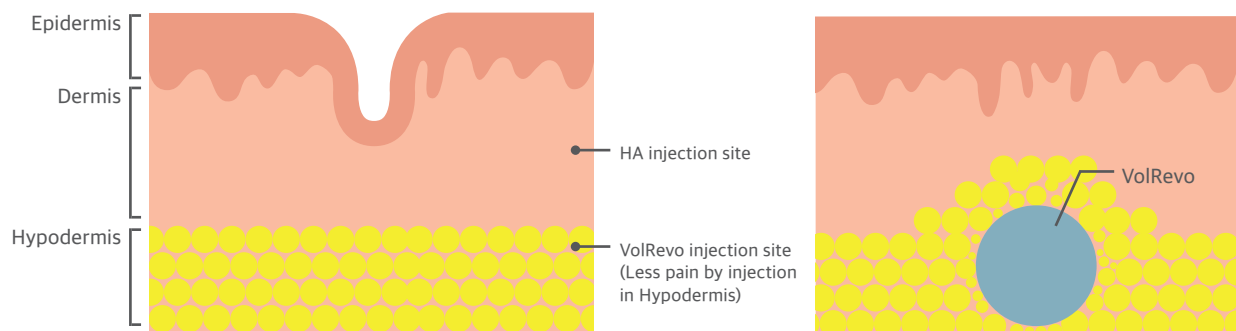
Water-based  
polyacrylamide gel  
(PAAG) dermal Filler

# VolRevo

Classification	Medical device		<div><div>EFFECT</div><div><ul style="list-style-type: none"><li>• Natural volume</li><li>• Immediate &amp; Long lasting effect (approximately 2~5 years)</li><li>• Anti-wrinkle</li><li>• Migration resistant</li></ul></div></div>
Main ingredient	Poly(Acrylamide-co-N,N'-methylene-bis-acrylamide)		
Package	Poly(Acrylamide-co-N,N'-methylene-bis-acrylamide) 20mg/mL	<div>3mL Syringe</div> <div>3mL Syringe*5</div>	

VolRevo is a long-term filler that lasts for more than 3 years. It consists of 2% polyacrylamide gel and 98% high water content that provides natural elasticity and hydration in the surrounding tissue. It's a subcutaneous injection designed to reinvigorate skin, correct deep wrinkles and restore volume. It builds a thin layer of skin tissue and resists migration caused by movement or pressure.

## Subcutaneous injection for long lasting (and Less Pain)



## Non-surgical operation

Effect can be observed immediately after injection and there is neither any external wound nor injury and after 7 days returning to daily routine is possible.

## Naturalness

Main ingredient is moisture and therefore, it provides gentleness of soft tissue and sense can be preserved perfectly. Even at the time of boosting no tactile sensation different from the part which is not injected can be felt.

## High level of safety

It is almost free from any rejection symptoms because it consists of 2% of polyamide which is similar to organic matter and 98% of physiological saline solution. Consequently it has no complication and quick recovery is possible.

## Effect of long-term persistence

By virtue of its slow dissolution it persists long-term and effect of operation shall persist 5-8 years maximum depending on level of strength and volume of gel at the time of treatment and condition of patient.

Multifunctional Cosmetics

# Nefer TITI Solution

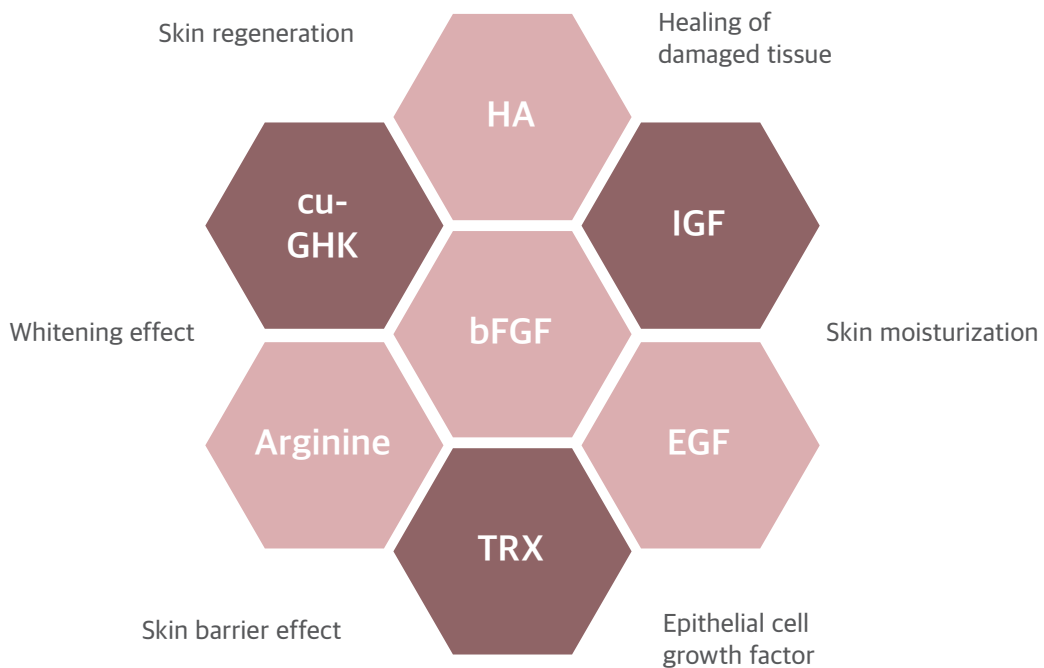


Classification	Functional Cosmetic	
Main ingredient	Niacinamide, HA, Adenosine	
Package	Syringe	1mL
	Vial	2mL

## | EFFECT

- Whitening
- Anti-wrinkle
- Anti-aging
- Moisturizing
- Skin regeneration

Nefer TITI Solution is a product developed in BNC Korea biotechnology labs by blending various active ingredients such as coenzymes, minerals, vitamins and many other peptides based on Stem Cell Cultivation Science.



# Auto Vacuum Injection System Zencure-S

Classification	Medical device
Components	Injection Gun, Main Body, Lower base, Multi-needle
function	Automatic injection of hyaluronic acid filler

## | Zencure-S Features

- Skin contact detection, automatic injection function (built-in input sensor)
- User friendly system
- Precise injection with no solution loss
- Sanitized disposable multi-needle
- Enhanced drug absorbability due to vacuum massage function

Zencure-S provides radiant skin in a safe, fast and easy way with vacuum technology. It has an auto injector with suction and multi-needle functions, which insert a consistent amount of various solutions specially designed to enhance skin and generate a youthful appearance. Zencure-S helps users to apply professional treatment.

## | COMPOSITION

Main body & Lower base



Injection gun



Type of multi-needle



5 pin



9 pin

# Upcoming product

## PCL-based HA dermal filler

Release (Estimated)	2018 1st half
Classification	Medical device
Main ingredient	Polycaprolactone(PCL), Cross linked Hyaluronic Acid(HA)
Description	It appears as colorless, highly viscous aqueous and sterile gel for injection in a single-use syringe
Duration	2 years
Effect	It provides immediate and sustained volume of skin and has long lasting effect
Mechanism	PCL(collagen stimulator) microspheres induces Neocollagenesis that generates collagen of skin, HA provides immediate volume

## Botulinum toxin for injection

Release (Estimated)	2018 2nd half
Classification	Medicine
Main ingredient	Clostridium botulinum toxin type A
Description	It appears as a lyophilized white powder for injection in a colorless transparent vial
Dosage	50 units / 100 units / 200 units
Effect	It improves the look of moderate to deep wrinkles lines (such as glabella lines) in adults for a short period of time
Mechanism	A temporary reduction in muscle activity for medical and aesthetic use



A global leader  
in the biotech industry

**BNC** Biotechnology  
Next Challenge  
**KOREA**

Instruction Manual

### Company Info.

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