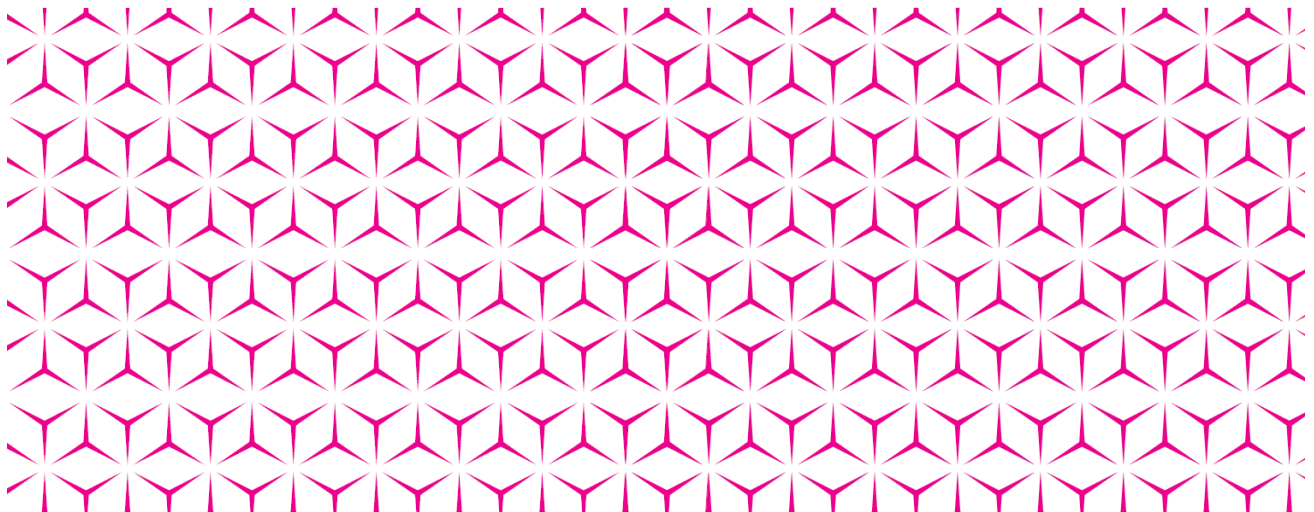


SARDENYATM

CROSS-LINKED HYALURONIC ACID

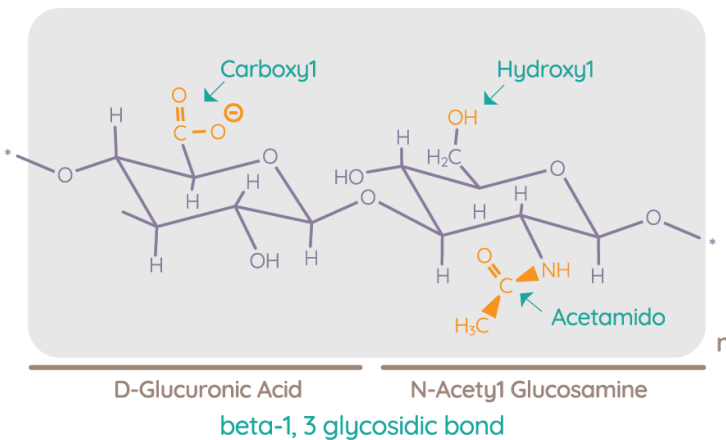


HA DERMAL FILLER

1

What IS HYALURONIC ACID?

It is a glucosamine present in the human body, widely distributed in skin, joint fluid, cartilage, and tears. It can contain water equivalent to 300 to 1,000 times its own weight. It has a skin barrier function and moisturizing effect to accelerate the regeneration of wounds.



2

Why Do We Produce HA Filler?

- Biopolymers that exist in the human body.
- Materials with excellent biocompatibility, biodegradability, and viscoelasticity.
- 1-2 days of biological half-life.
- Biodegradable factors in the cell : Hyaluronidase & Free radicals.
- Cross-linking agent is used to increase the retention period.

3

Benefits of Hyaluronic Acid Product

- It is a natural material present in human skin and has no side effects.
- It can improve the combination of elastin and collagen constituting the skin.
- It can absorb moisture of 1,000 times or more than its own weight, supplementing the moisture in the skin.
- Easy to remove with a simple method.
- More than 90% of the fillers use HA due to its safety and effectiveness.

TECHNOLOGY OF SARDENYA

1

SARDENYA's HoPE (Homogeneous Process and Equilibration) Technology is optimized for maintaining uniform crosslinking, which greatly improved product stability.

Higher storage modulus and degradation compared to other products

Longer lasting effect

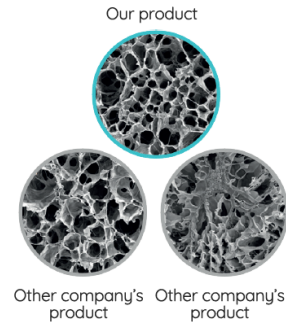
Homogeneous crosslinking reaction

Promising stable and uniform quality HA filler product through BDDE crosslinking reaction method, a proprietary technology of the company.



HA saturation technique

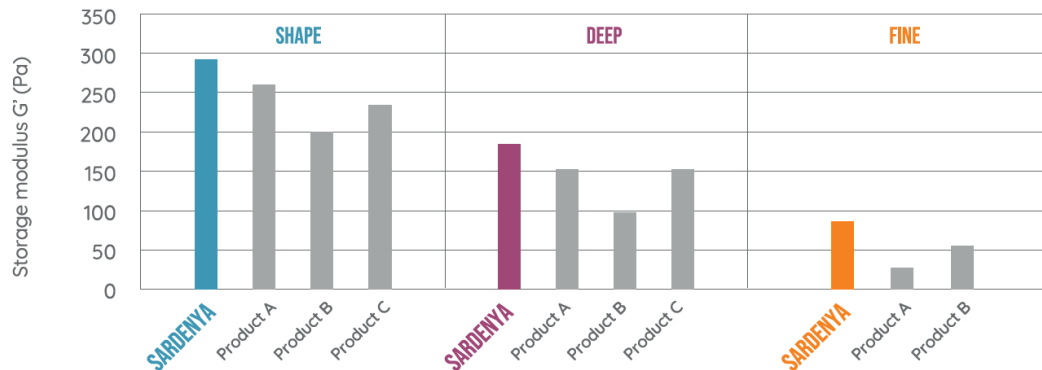
Our unique HA saturation method not only completely eliminates BDDE, a toxic substance, but also lowers pain during the procedure and prevents swelling of skin tissue after the procedure.



2

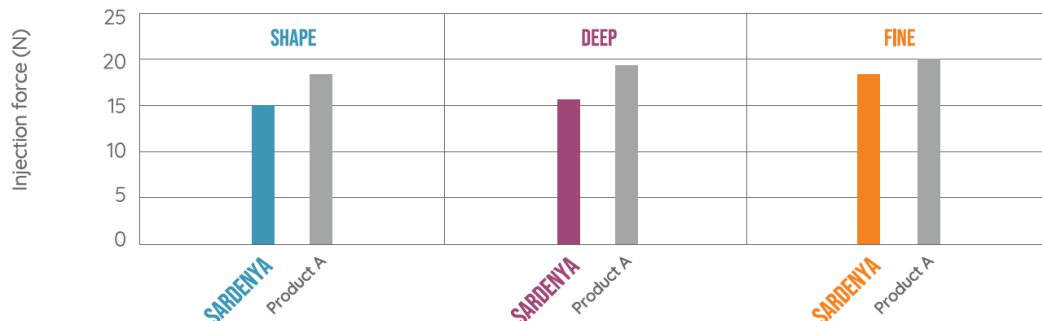
SARDENYA has excellent volumizing effect due to high storage modulus, which helps shape the contour of the procedure site.

Comparison of the Storage Modulus of Hyaluronic Acid Filler



3

Injection force of SARDENYA



SAFETY OF SARDENYA

1

SARDENYA is a high-quality HA certified by the European Directorate for the Quality of Medicines (EDQM), demonstrating its safety and quality.



SARDENYA secures product safety by controlling Endotoxin content to be less than 0.04 IU/mg*.

Hyaluronic acid ingredient management criteria

	SARDENYA	Ph. Eur
Endotoxin	<0.04 IU/mg	<0.05 IU/mg

* General Residual Management Criteria for Endotoxin: Less Than 0.05 IU / mg

2

SARDENYA is produced in a facility certified by the Ministry of Food and Drug Safety (MFDS) and accredited by the International Organization for Standardization (ISO).



3

A variety of product lines for ease of treatment that contain lidocaine for enhancement of patient satisfaction.

	SARDENYA IMPLANT	SARDENYA SHAPE	SARDENYA DEEP	SARDENYA FINE
HA Content	24 mg/mL	24 mg/mL	24 mg/mL	24 mg/mL
Lidocaine Content	0.3%	0.3%	0.3%	0.3%
Packaging Unit	1 x 1.1 mL	1 x 1.1 mL	1 x 1.1 mL	1 x 1.1 mL
Storage	1-30 °C	1-30 °C	1-30 °C	1-30 °C
Shelf-life	24 months	24 months	24 months	24 months
Indication	Temporary improvement on the mid-to-severe nasolabial folds of adults			

PRODUCT STRENGTHS

1 Key features

- SARDENYA is produced using the company's distinctive purification process.
- It is not a material extracted from animals and no skin test is required before the procedure.
- 100% specially stabilized and crosslinked hyaluronic acid is used.
- Provides improved viscoelasticity and flowability.
- Provides natural and long-lasting procedure results.

2 Procedure

- SARDENYA products are supplied with a 1.1 mL syringe and a sterilized needle.
- The procedure is easy and quick.
- The viscoelasticity unique to SARDENYA makes the procedure simple, precise, and painless with the thin needles provided.
- The optimized volumizing effect of "SARDENYA" allows the patient to enjoy a sufficient effect with a small amount of product.

3 Retention period

- HA of SARDENYA has a high molecular weight and its high crosslinking rate slows decomposition.
- It is a product with a concentration that allows precise treatment and does not require re-treatment in a short time.

4 Safety and Effectiveness

- SARDENYA is a sterilized medical device.
- Manufactured in Korea, the manufacturing facilities are strictly controlled in accordance with international standards as well as the national standards of Korea.
- SARDENYA is a hyaluronic acid filler produced from non-animal ingredients and uses BDDE as a crosslinking agent.



SARDENYA™

CROSS-LINKED HYALURONIC ACID

