

# SARDENYA<sup>TM</sup>

## Luminous



**Skinbooster  
with  
Amino Acids**



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# SARDENYA™ Luminous

Skinbooster with  
HA and Amino Acids  
provides  
natural and long-lasting  
results



## Hyaluronic Acid

Hyaluronic acid is a powerful humectant that attracts and retains moisture in the skin, keeping it deeply hydrated, plump, and smooth. It improves skin elasticity, reduces fine lines, strengthens the skin barrier, and gives a fresh, healthy glow.

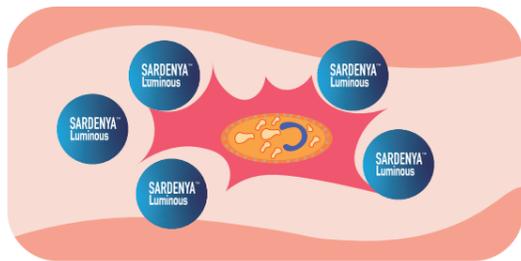
## Amino acids

Amino acids are the building blocks of collagen and elastin, which keep skin firm, smooth, and elastic. They help repair damage, strengthen the skin barrier, improve hydration by attracting and holding water, and protect against free radical damage — making skin healthier, plumper, and more resilient.

## Product Information

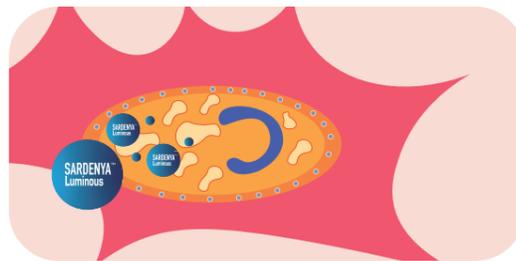
Packing Unit	2.5 mL/1syr
Ingredients	Hyaluronic Acid (HA) Amino Acids Lidocaine
Storage	1-30° C 24 months from date of manufacture
Purpose for use	Used for temporary improvement on facial wrinkles of adults by physical repair by injecting subcutaneous amino acids and hyaluronic acid

# Mode of Action



## Action 1: Extracellular

SARDENYA Luminous enters into extracellular matrix with collapsed fibroblast and incorporates into its structure, which leads to restoration and fibroblast activity recovery.



## Action 2: Intracellular

Biodegradation of HA to microspheres, followed by pinocytosis and cell hydration, leading to the rejuvenation of intercellular homeostasis and recovery of fibroblast activity.



## Action 3: Subcellular

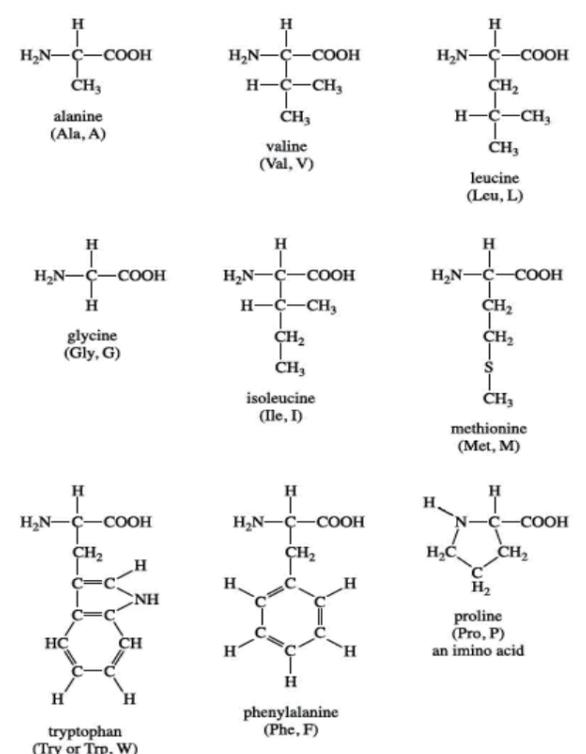
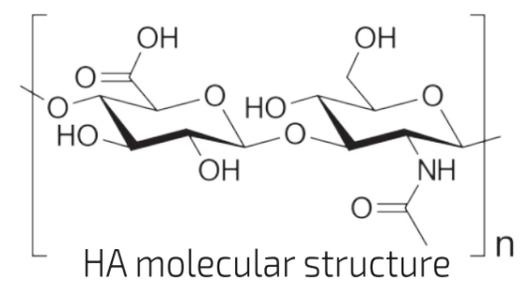
The process involves the biodegradation of HA to monosaccharides, activation of the citric acid cycle, synthesis of ATP, and recovery of fibroblast activity.

# Combination of HA and Amino Acids

It has been scientifically proven that Hyaluronic Acid helps skin to maintain and absorb moisture, Significant improvement in skin hydration and skin tone was noticed in 2-8 weeks and the increase of epidermal thickness was significant after 12 weeks.

As HA in skinbooster is usually non-cross-linked, it provides less volume and filling, comparing to dermal fillers, but supply skin with bigger amount of hydration as well as filling fine lines.

Combined with amino acids that are improving the dermal environment, HA can enhance amino acids' effect and also promote wound healing process which leads to evening the skin texture and produce even better results.



Amino acids

### References:

- Yi, K. H., Winayanuwattikun, W., Kim, S. Y., Wan, J., Vachatanon, V., Putri, A. I., Hidajat, I. J., Yogya, Y., & Pamela, R. (2024). Skin boosters: Definitions and varied classifications. *Skin research and technology : official journal of International Society for Bioengineering and the Skin (ISBS) [and] International Society for Digital Imaging of Skin (ISDIS) [and] International Society for Skin Imaging (ISSI)*, 30(3), e13627. <https://doi.org/10.1111/srt.13627>
- Yi K, Park M, Ree Y, Kim HM. A Review on "Skin Boosters": Hyaluronic Acid, Poly-L-lactic Acid and Poly-D-lactic Acid, Polydeoxyribonucleotide, Polynucleotides, Growth Factor, and Exosome. *Korean Association For Laser Dermatology And Trichology* 2023;4:1-5. <https://doi.org/10.46738/Aesthetics.2023.4.1.1>

# Protocols of use

- Dermal matrix refinement
- Minimally invasive lift
- Enhanced skin elasticity
- Precision volumization
- Sustained hydration with anti-aging effects

## V-LIFT

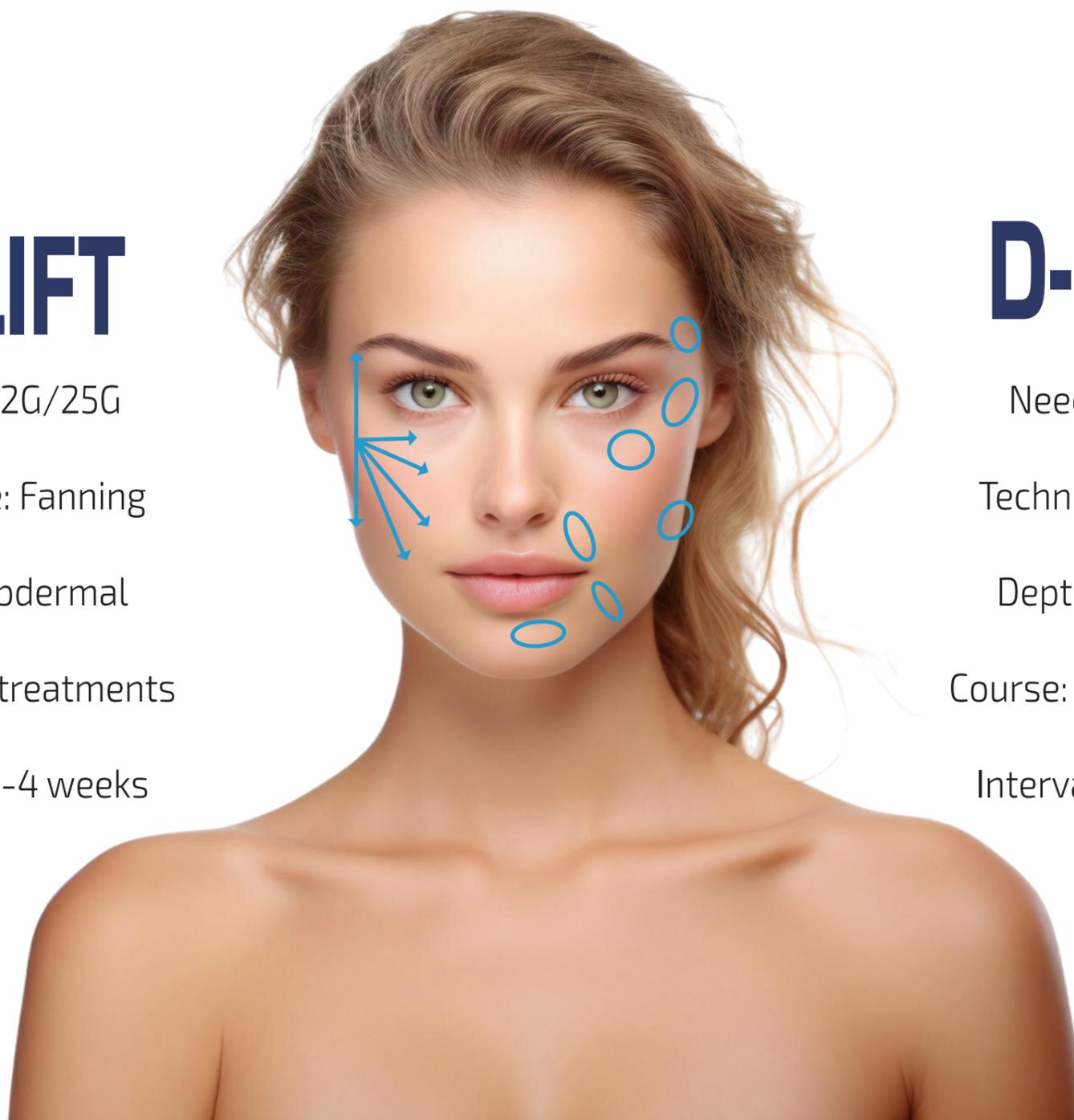
Cannula 22G/25G

Technique: Fanning

Depth: Subdermal

Course: 3 treatments

Interval: 3-4 weeks



## D-LIFT

Needle 31G\*6mm

Technique: Fanning

Depth: Subdermal

Course: 3 treatments

Interval: 3-4 weeks

## Cautions

1. Do not inject into blood vessels
2. Do not inject into eyelids
3. In case of inflammatory reaction persisting for more than one week or other adverse effect report to the practitioner and receive treatment
4. The above protocols are for guidance only and may vary depend on patient's condition or anatomy