

ELASTY™

Cross-linked Hyaluronic Acid

Novel approach to HA filler

ELASTY HA FILLERS

Optimized HA filler for Petit surgery



Internal Training Material

for your beautiful value

ELASTY™

For you, no more fillers

If you ask what is the most important basis of a filler
Anyone will say it is safe.

If not based on this,
Try to make high quality filler and develop
There will be no need for a variety of unique technical techniques.

'SAFETY FILLER'

ELASTY used the minimum amount of BDDE for the base.

And,
To maximize the properties of raw materials of hyaluronic acid
ELASTY has developed FILLER that **minimizes damage to HA molecular weight.**

ELASTY FILLER is

Naturally safe, but not for you

It is **very natural** HA FILLER.

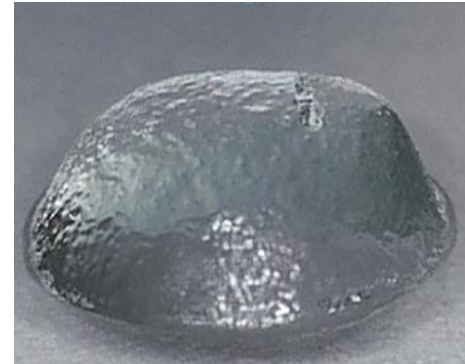
NSETM Technology



High Elasticity

High Cohesiveness

Maximize Usability



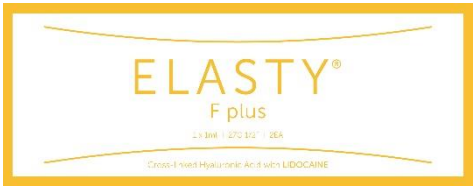
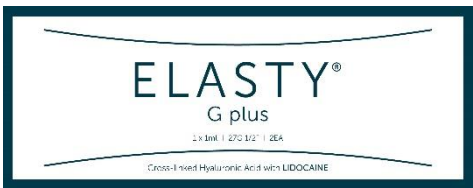
ELASTYTM's proprietary technology,
NSETM (Naturally Safe Effective) technology is
High elasticity and cohesiveness, maximized in Usability
it is a **new concept filler**.

LINE UP

ELASTY™

Cross-linked Hyaluronic Acid

당신을 위한 아름다운 가치

Name	Figures	HA contents	Particle size	Injection force (27G ½ TW)
Elasty F Plus		24 mg/mL	200 ~ 400 μm	Less 10 N
Elasty D Plus				
Elasty G Plus				

NSETM Technologies to natural Hyaluronic acid chain

ELASTYTM

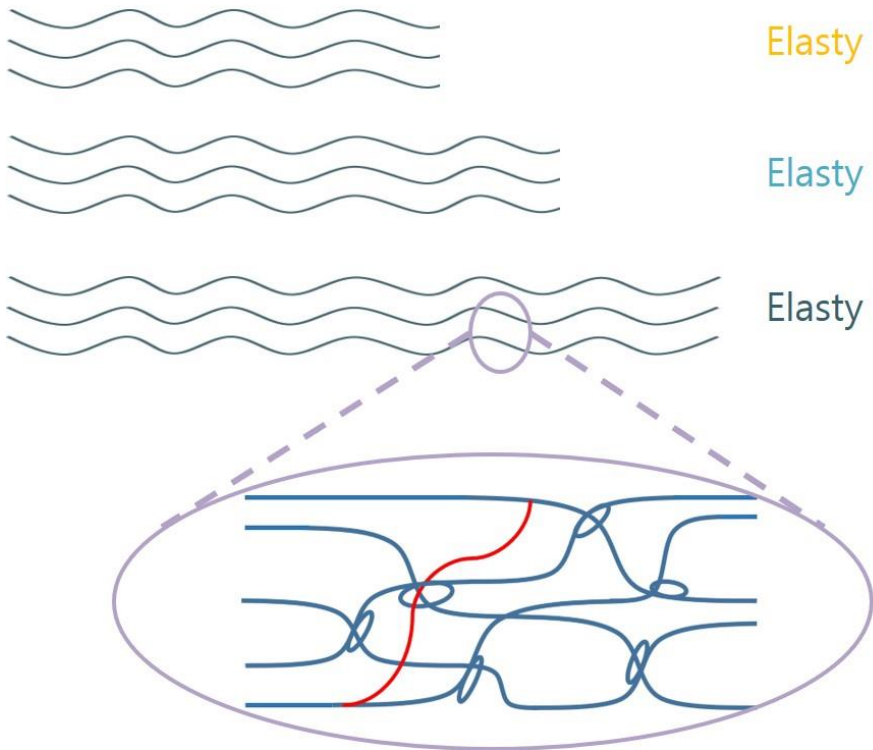
Cross-linked Hyaluronic Acid
당신을 위한 아름다운 가치

NSETM

Elasty F Plus

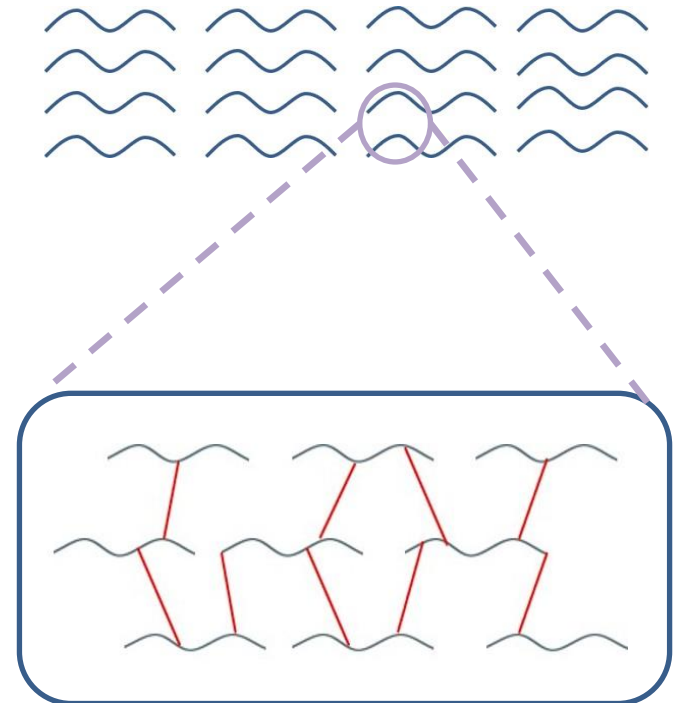
Elasty D Plus

Elasty G Plus



- Minimization of side effects due to minimization of chemical deformation.
- **Increase sustainability** by maintaining the original long chain of hyaluronic acid.

Other-filler



- Side effects caused by high chemical deformation
- **Decreased sustainability** due to short chain connections

NSETM Technologies to reduce the risks relating BDDE

- HA is safe ingredient, but BDDE must be minimized for safety issue.
- Generally, residual BDDE is controlled to be within 0.2~2ppm.
- But BDDE already used for cross-linking (non-residual BDDE) cannot be measured.
- Elasty D Plus minimize the deformation of HA which means minimized BDDE content

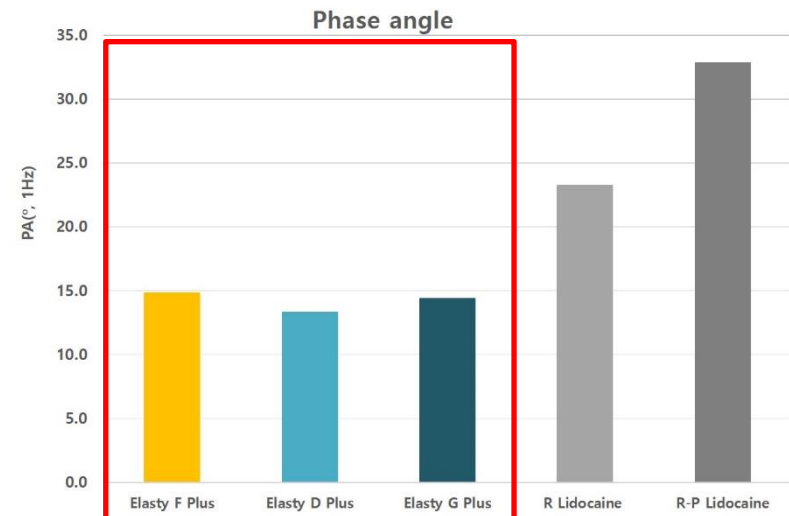
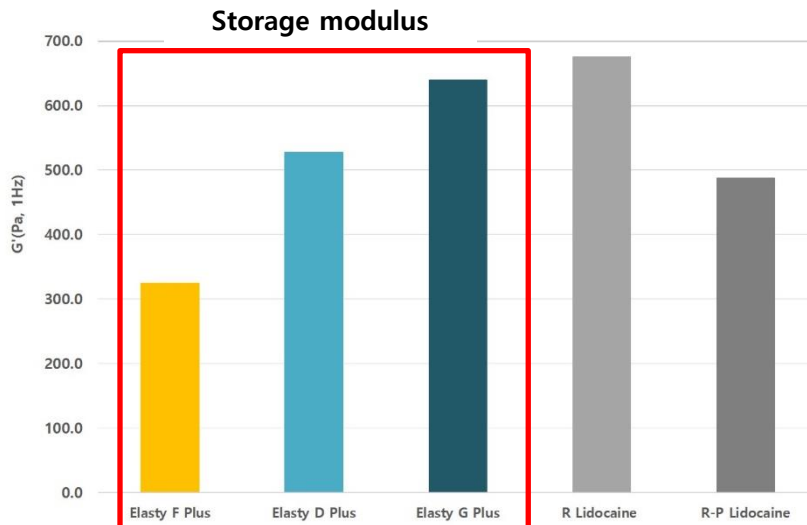
		HA (mg/mL)	BDDE content (mole % to HA)	Total BDDE (ppm)
NSE filler	Elasty D Plus	24	1	121
B-filler	A Product	20	1.5	151.2
	B Product	20	2	201.6
M-filler	C Product	20	4	403.2
	D Product	20	7.00	706
	E Product	20	14.5	1461.6
	F Product	20	12.25	1234.8

NSETM Technology – Elasticity and phase angle

ELASTYTM

Cross-linked Hyaluronic Acid
당신을 위한 아름다운 가치

- Elasticity(G' , Storage modulus $\uparrow$) and Phase Angle ($^\circ$, $\downarrow$) are key physical characteristics for volume
- Elastic filler has low phase angle comparing to other existing biphasic fillers $\rightarrow$ Volumizing



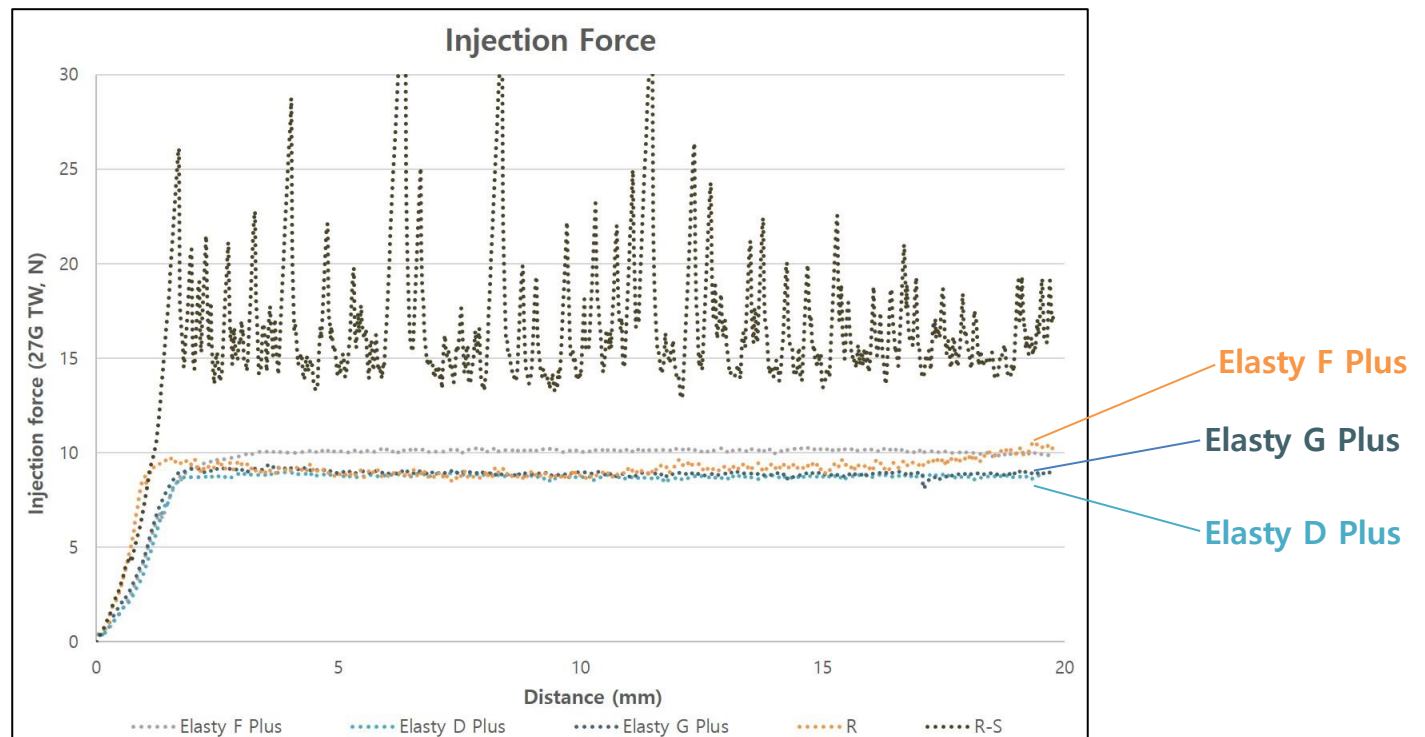
NSETM Technology– Injectability

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Cross-linked Hyaluronic Acid

당신을 위한 아름다운 가치

- Syringability influences convenience for both doctors and patients
- ElastyD Plus has low+constant injection force for precise and easy procedure

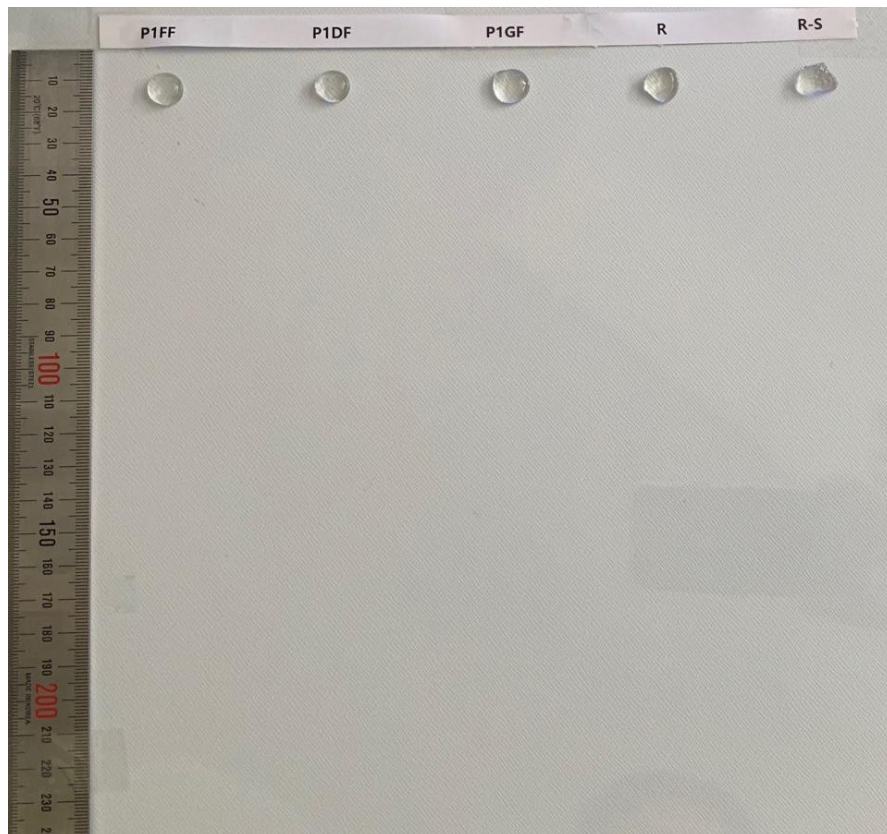


NSETM Technology– Adhesion ability

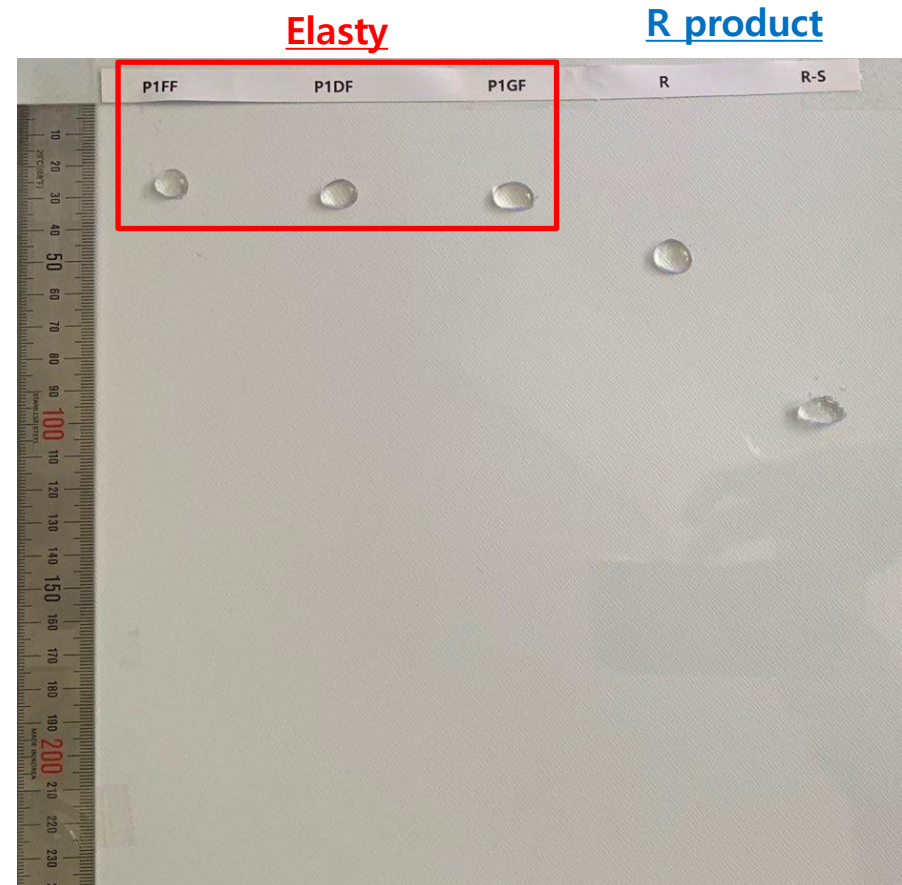
ELASTY[™]

Cross-linked Hyaluronic Acid
당신을 위한 아름다운 가치

- When filler is injected, there is a possibility of filler migration, so excellent adhesion is necessary
- After withdrawing filler, ElastyF, D, G Plus showed greater adhesion force than other fillers



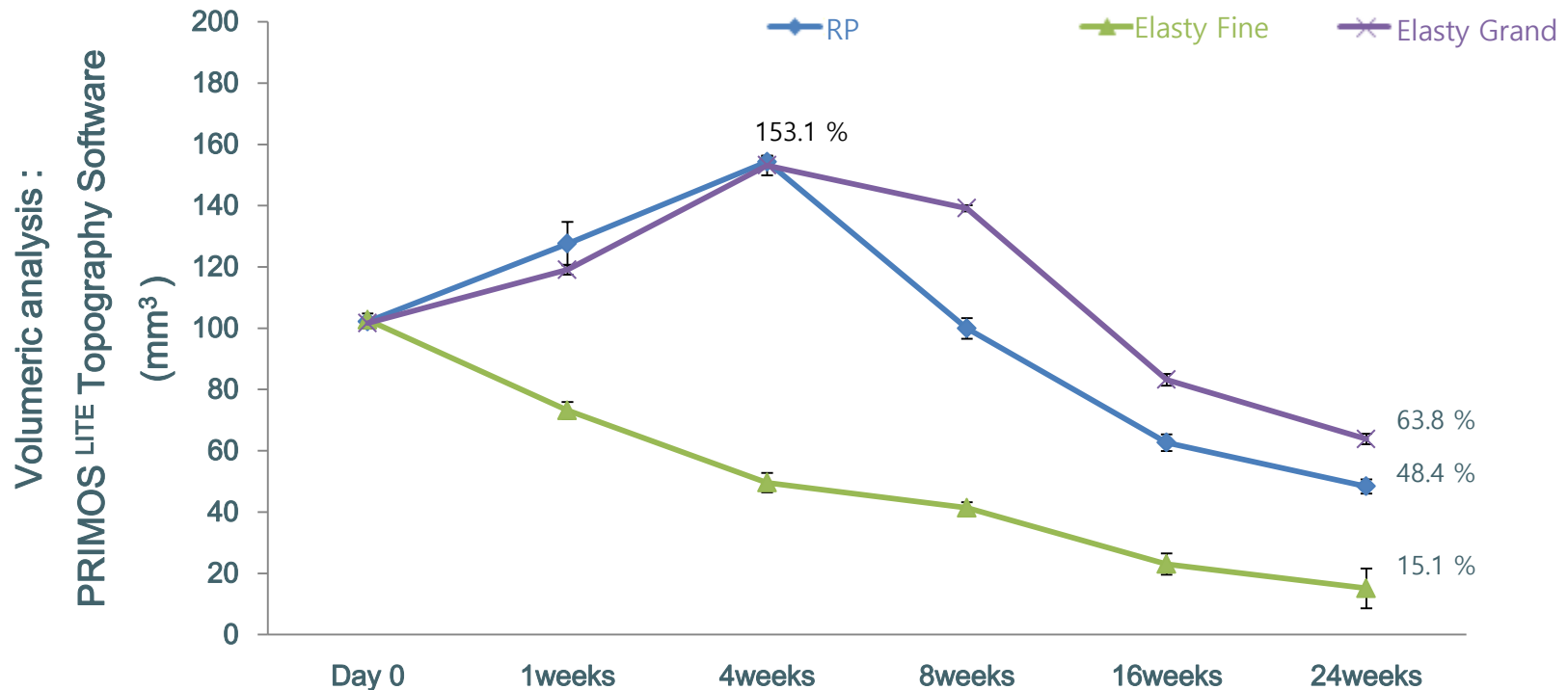
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After 30s

Biological study results_Volume change(16 weeks)

- Elasty Grand shows higher volume maintenance than RestylanePerlane. Post swelling is very similar to RestylanePerlane. Especially there is no dramatic volume reduction after post-swelling (100% crosslinked HA).
- ElastyGrand has longer duration than Restylane Perlane.
- ElastyFine shows lower embossing (clotting around skin surface) than other fillers.



*Animal : SKH1-Hrhr hairless mouse, 6-week-old

*Protocol : observation by using Primos at every week after injection into dorsal skin

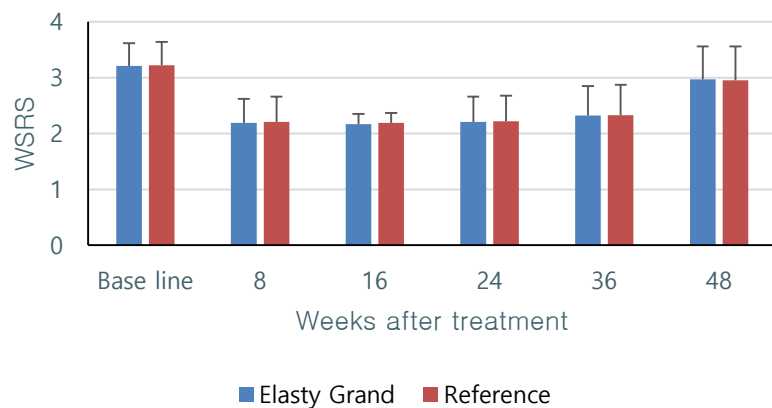
Clinical Information

Reference : Restylane SubQ

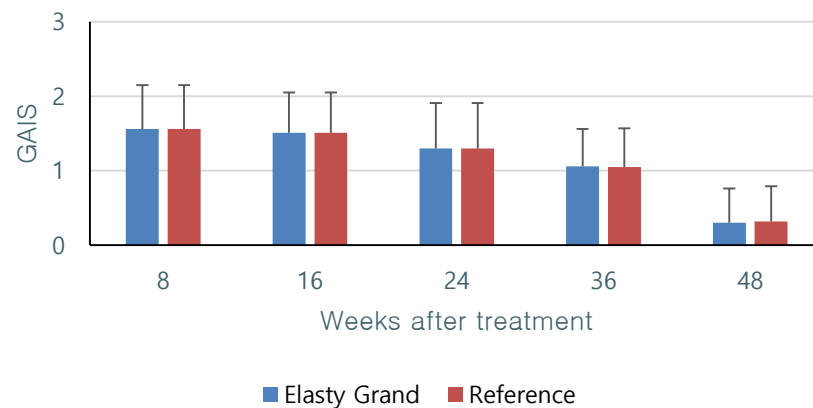
WSRS : Wrinkle Severity Rating Scale, 1~5

GAIS : Global Aesthetic Improvement Scale, -1~3

WSRS Evaluation Result



GAIS Evaluation Result



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Walking along the small, sparkling things,

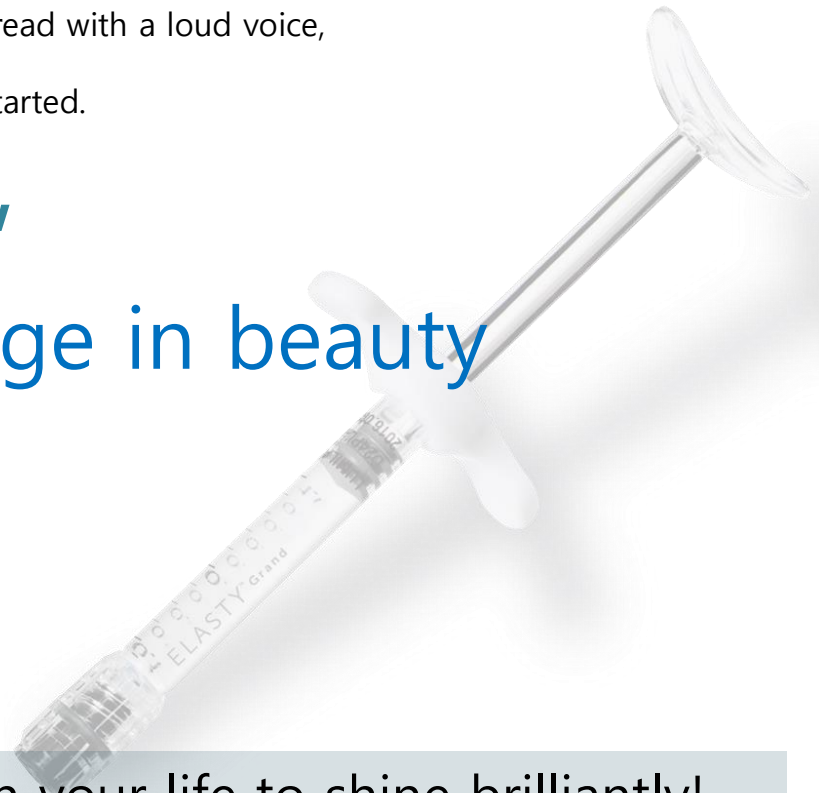
it was in the woods of Noel.

My fairy tales, which I read with a loud voice,

So it started.

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Elasty, indulge in beauty



Elasty will accompany you in your life to shine brilliantly!