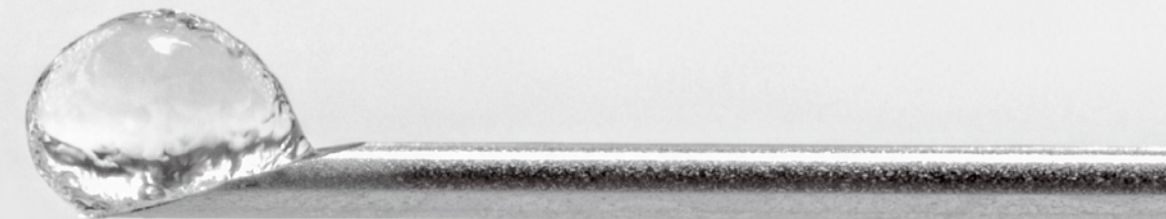


CE 1434

ARTGAON

We would like to proudly introduce the finest crosslinked hyaluronic acid dermal filler, Artgaon.

ARTGAON



Joonghun Pharmaceutical Co., Ltd.

15 Gukhoe-daero 62-gil, Yeongdeungpo-gu, Seoul, Korea 07236 | Tel 82.2.2138.8114 | Fax 82.2.6928.9119

Company Overview

Joonghun Pharmaceutical

Artgaon *Art for Beauty*

Throughout history, science has always made an impact to revolutionize art. We believe that our formula for Artgaon will enable you to create the art you want. Leave the science to us for you to explore the possibilities of beauty imaginable.



Product Lineup

- Artgaon products contain lidocaine to reduce pain of patients during dermal filler procedures.
- Artgaon Pure products contain no lidocaine for patients who may have allergic reactions to lidocaine.

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Product Name	Lidocaine	Shelf Life
Artgaon Shape Plus	0.3%	36 months
HA Concentration	Indicative Target	
20 mg/mL	Artgaon Shape Plus is indicated to be used for subcutaneous to supraperiosteal injection for cheek augmentation to correct age-related volume defects in mid facial area.	
Needle Size		
27 G		



Product Name	Shelf Life
Artgaon Pure Shape	36 months
HA Concentration	Indicative Target
20 mg/mL	Artgaon Pure Shape is indicated to be used for subcutaneous to supraperiosteal injection for cheek augmentation to correct age-related volume defects in mid facial area.
Needle Size	
27 G	



Product Name	Lidocaine	Shelf Life
Artgaon Deep Plus	0.3%	36 months
HA Concentration	Indicative Target	
20 mg/mL	Artgaon Deep Plus is indicated to be used for mid to deep dermis injection for moderate to severe facial wrinkles and nasolabial folds.	
Needle Size		
27 G		



Product Name	Shelf Life
Artgaon Pure Deep	36 months
HA Concentration	Indicative Target
20 mg/mL	Artgaon Pure Deep is indicated to be used for mid to deep dermis injection for moderate to severe facial wrinkles and nasolabial folds.
Needle Size	
27 G	



Product Name	Lidocaine	Shelf Life
Artgaon Fine Plus	0.3%	36 months
HA Concentration	Indicative Target	
20 mg/mL	Artgaon Fine Plus is indicated to be used for superficial dermis injection for fine facial wrinkles and folds or for facial defects.	
Needle Size		
30 G		



Product Name	Shelf Life
Artgaon Pure Fine	36 months
HA Concentration	Indicative Target
20 mg/mL	Artgaon Pure Fine is indicated to be used for superficial dermis injection for fine facial wrinkles and folds or for facial defects.
Needle Size	
30 G	

Comparison Test Data

Test Categories	Test Specification	Artgon Shape plus	Product of Company X	Product of Company Y
pH	6.0 - 7.5	6.7	N/A	7.0
Osmotic Pressure	200 - 400 mOsm/kg	296 mOsm/kg	304 mOsm/kg	346 mOsm/kg
Injection Force	≤ 40 N	7.2 N (27G)	11.7 N (27G)	14.4 N (27G)
Modulus of Elasticity	N/A	600 Pa	904 Pa	397 Pa
Insoluble Particulate Matter	10 μm : ≤ 6,000 ea/syr 25 μm : ≤ 600 ea/syr	648 ea/syr 30 ea/syr	N/A N/A	8,080 ea/syr 300 ea/syr

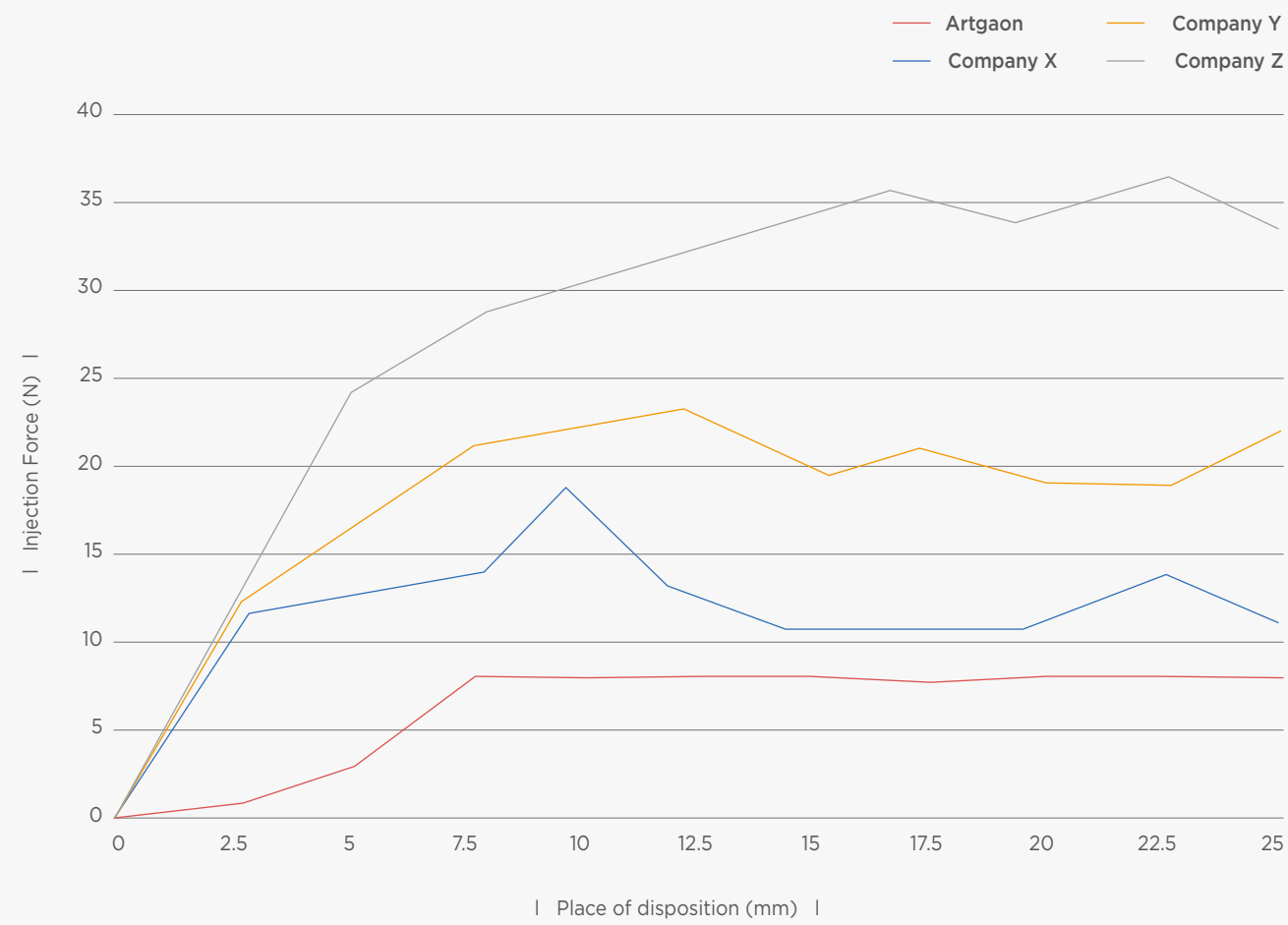


Low And Steady Injection Force

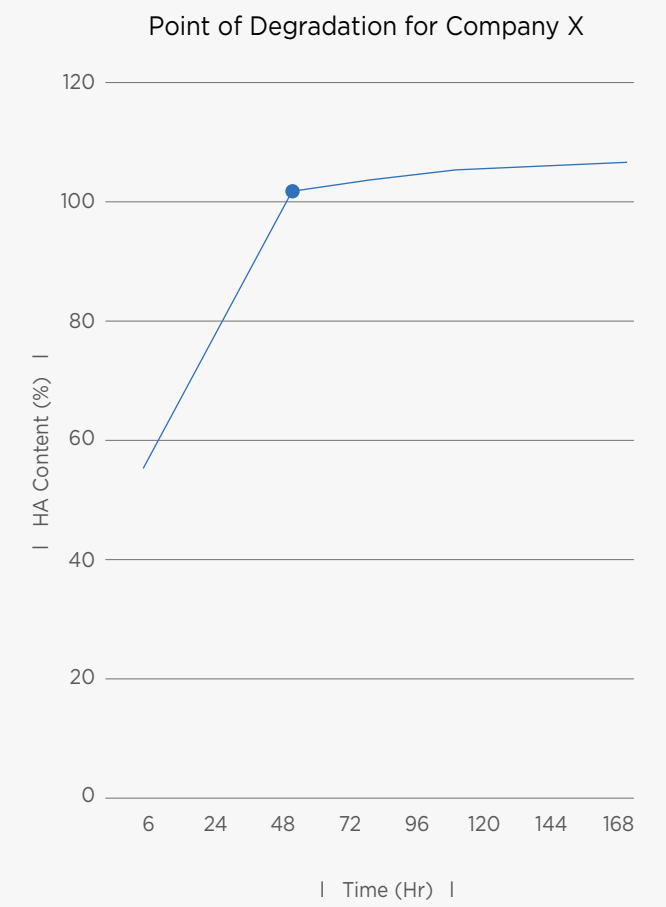
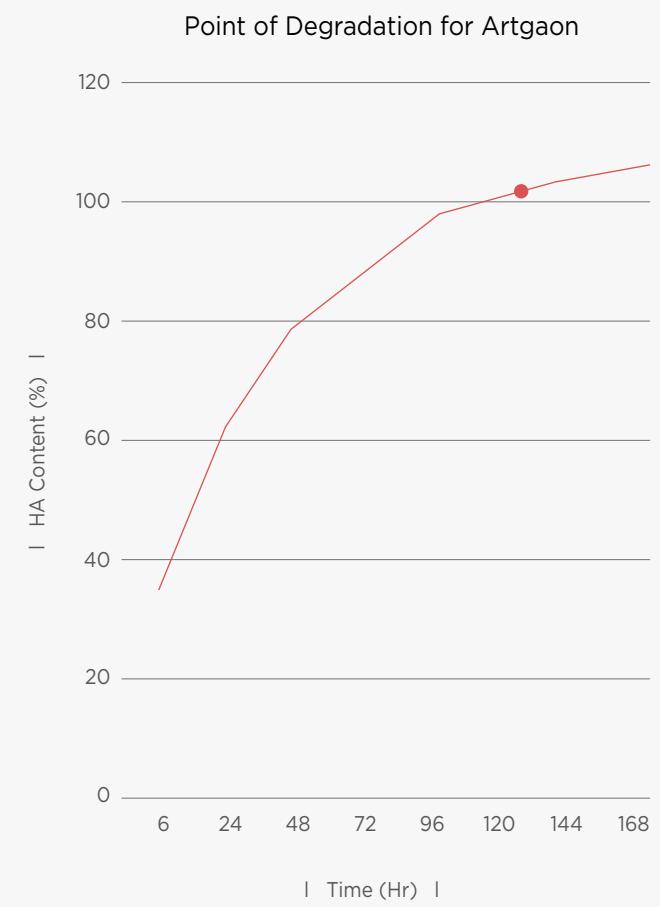
Easier for Professionals to Inject and Mold the fillers without damaging the tissue area.

Long Lasting Natural Molding Effect

Injection Force Test

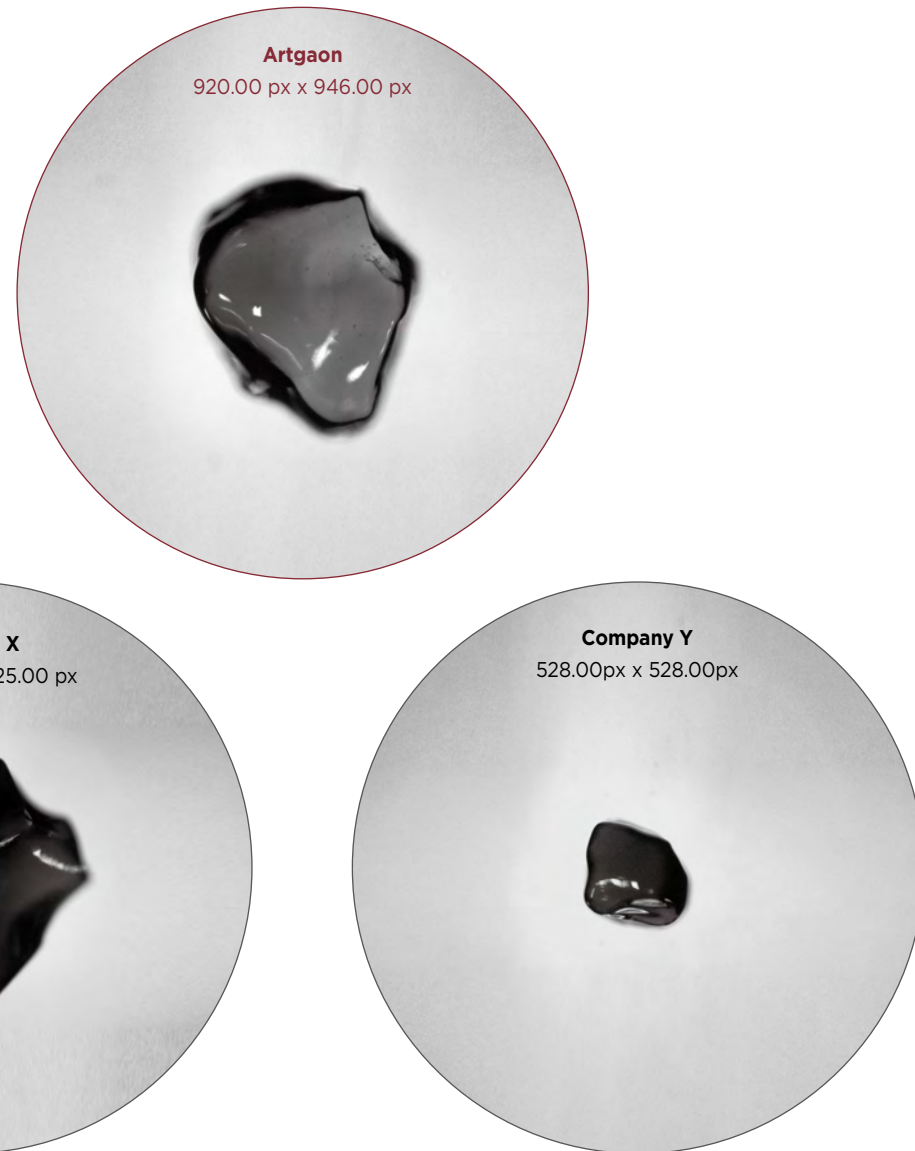


Degradation Test



Large & Even Particle Size

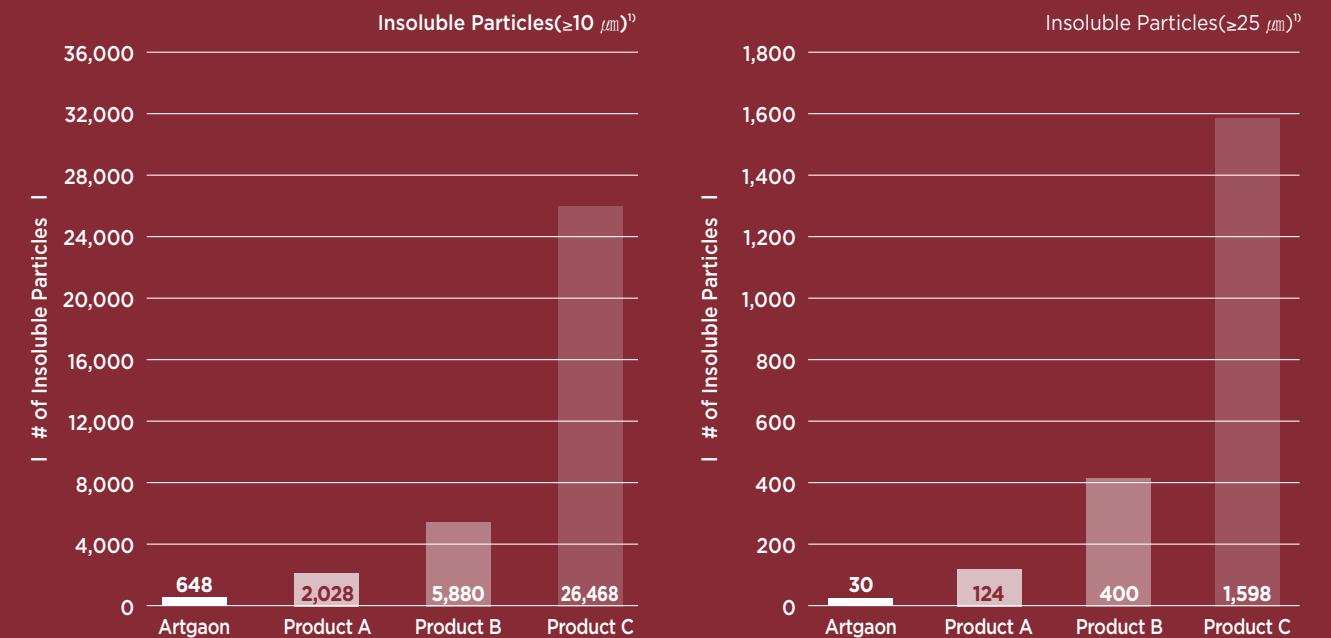
Our Particle Size and Shape Controlling Technology provides Long Lasting Natural Look.



Guaranteed Safety for Patients

01. JOONGHUN's technology effectively removes BDDE from the injectable solution.

02. Minimal insoluble particles ensure that no adverse side effects arise.



Reference : 1) Particle(≥10 μm) ≤ 6000ea/syr, Particle(≥25 μm) ≤ 600ea/syr, Korean Pharmacopeia and US Pharmacopeia testing standards.

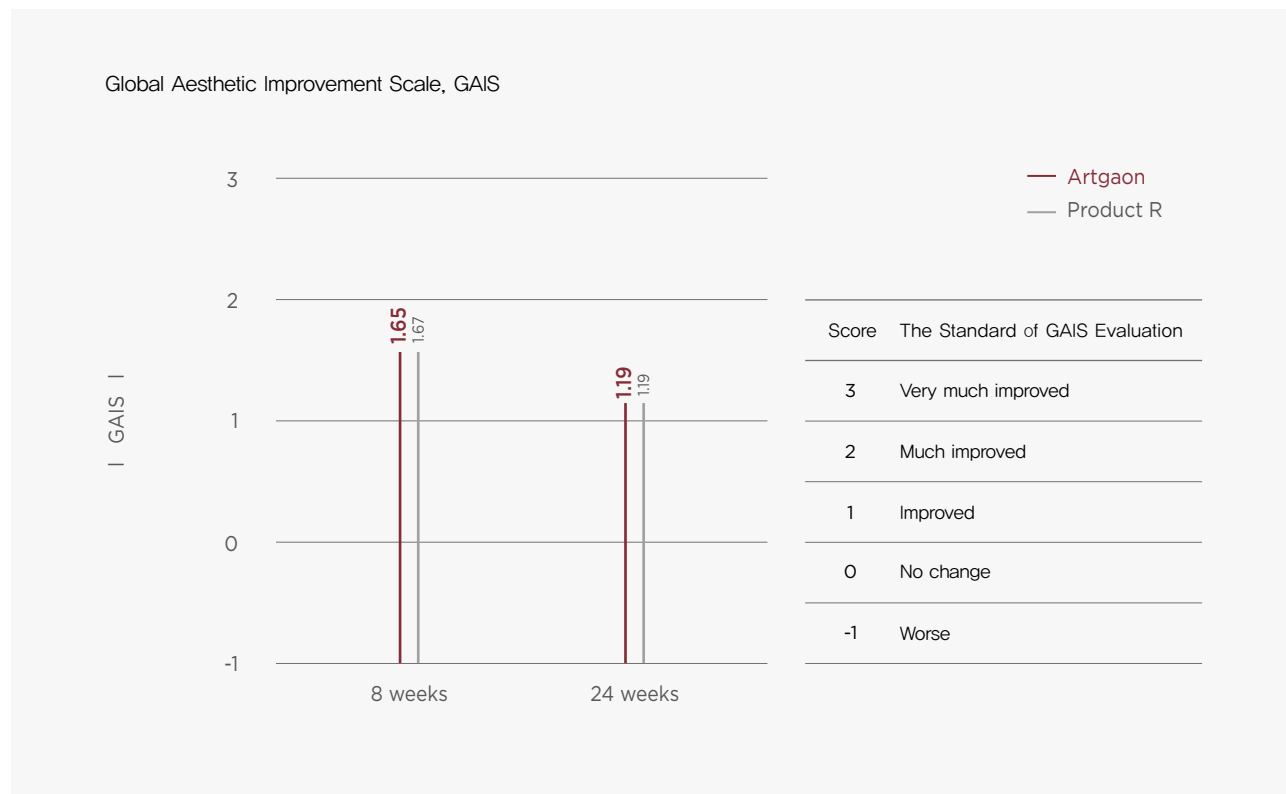
03. High Purity Indicators.

BDDE Residue²⁾	LOD
Endotoxin³⁾	LOD
Biological Safety Test⁴⁾	Approved in all items

Reference : 2) LOD : 0.1ppm, Joonghun Lab. 3) LOD : 0.005 EU/mL, Joonghun Lab. 4) Korea Testing Institute (KTR)

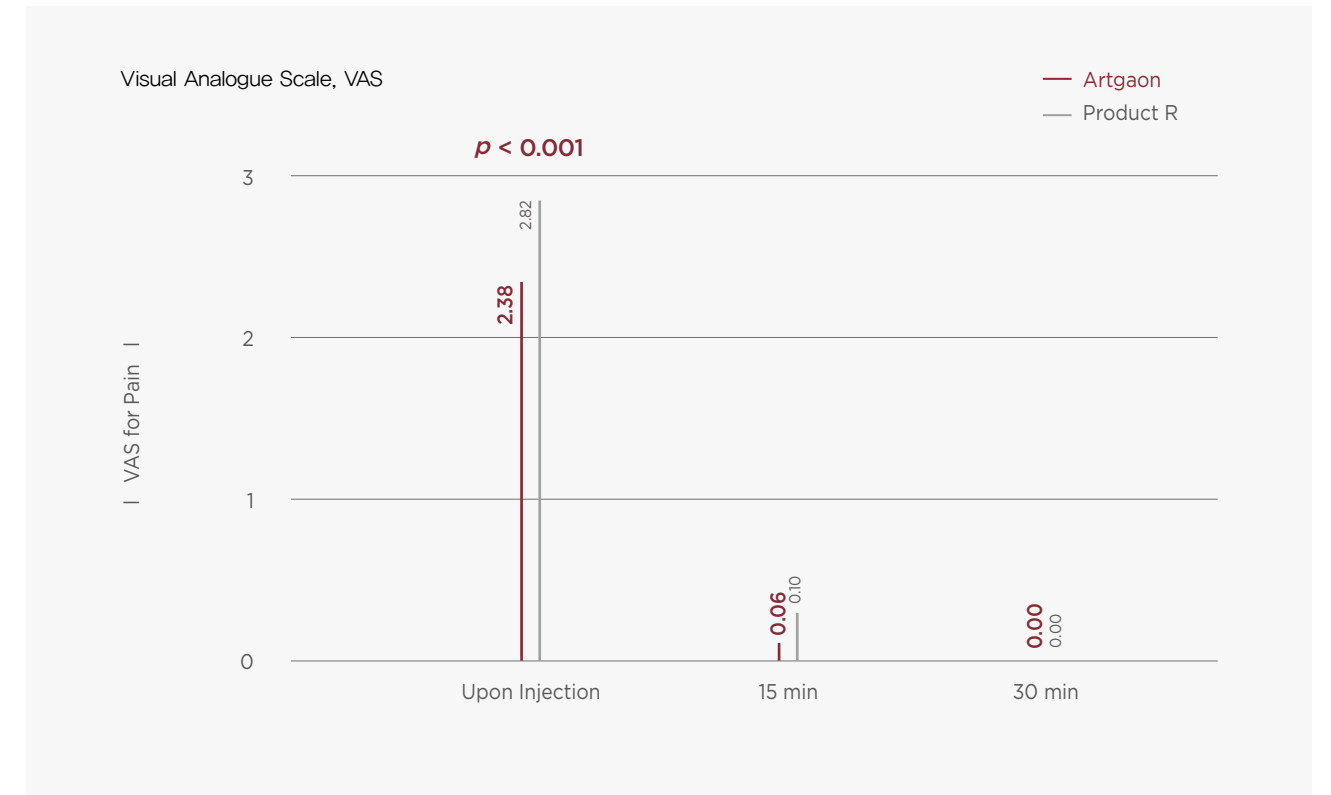
Clinical Trial⁵⁾ Evaluation Results

The mean values of WSRS and GAIS results for Artgaon showed no significant difference in comparison to the Control Product R.
· Artgaon was proven to be similar to Product R



Joonghun Pharmaceutical

The average value of VAS of Artgaon is significantly low immediately after application of the medical device
· Artgaon was proven to cause less pain than product R immediately after application



Study Design

Single-center, matched-pairs, randomized double blinded pivotal study
· Study Period : 24 Weeks · Number of Subjects : 83

Reference Data

9) Clinical study to evaluate the safety and efficacy of Artgaon Shape Plus (vs. Restylane LYFT with Lidocaine) through single-center, prospective, matched-pairs, randomized double blinded pivotal study

Contact point

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Artgaon, the finest for
European professionals
