

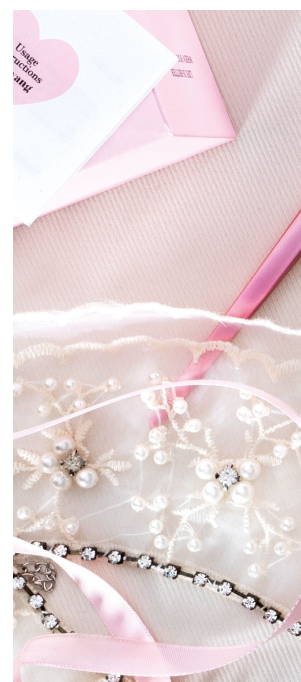
The Smart Choice of
HA Dermal Filler

Neuramis®

Biotechnology that Changes The Future



Neuramis® is Safe



High-quality Raw materials¹

Neuramis® is manufactured using a high-quality hyaluronic acid that is registered in the Drug Master Files (DMFs) of FDA and certified by the European Directorate for the Quality of Medicines (EDQM).

Neuramis® raw materials comply with even higher standards than required by the European Pharmacopoeia (Ph. Eur) to enhance safety.

I Hyaluronic Acid Raw Materials Management Standards

	Ph. Eur	Neuramis®
Residual protein	Maximum 0.3% or 0.1%	Maximum 0.1%
Endotoxin	<0.5 or 0.05IU/mg	<0.04IU/mg

1. Data on file. Medytox, Inc. 2. Hong Jin Joo et., *Plast Reconstr Surg* 2016;137:799-808



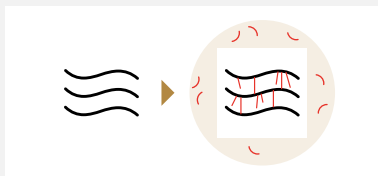
Improved Refining Process with SHAPE technology^{1,2}

SHAPE (Stabilized Hyaluronic Acid and Purification Enhancement) technology is the exclusive technology of Neuramis®. It stabilizes crosslinking and enhances the purification process.

The Neuramis® series minimizes the amount of residual BDDE through a lengthy natural dialysis process.

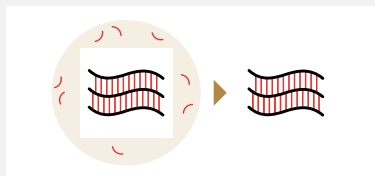
I Step1. Cross-linking with BDDE

Primary cross-linking



I Step2. Purification process

Removal of unbound BDDE

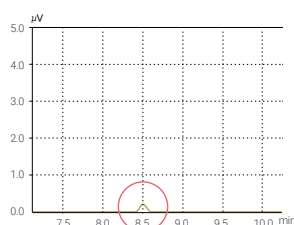


Neuramis® is Biocompatible

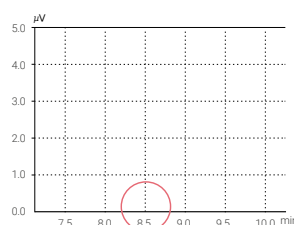
Quality-control¹

The general industry standard for the amount of residual BDDE is less than 2 ppm; however, Medytox only sells products after complying with rigorous in-house quality-control standards which require products with non-detectable level of BDDE.³

I BDDE Standard solution



I Neuramis® series

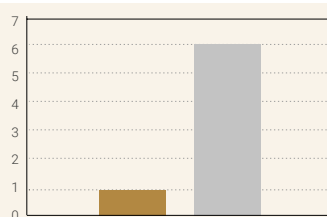


Proven Safety²

Compared to Product A, Neuramis® Deep Lidocaine is proven to be outstanding and reports fewer adverse events from a comparative study of injection into nasolabial folds.

I Number on Treatment-related adverse event

■ Neuramis® Deep Lidocaine
■ Product A



1. Data on file. Medytox, Inc. 2. Hong Jin Joo et al., *Plast Reconstr Surg* 2016;137:799-808 3. In-house equipment specification



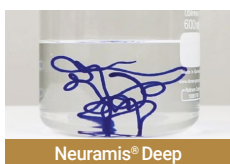
Neuramis

Neuramis® is Effective

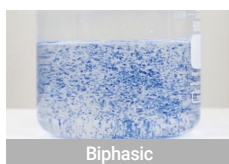
Outstanding Cohesiveness¹

Despite pressure from surrounding tissues, Neuramis® maintains its original shape after injection thanks to outstanding cohesiveness between the particles.

Cohesiveness test



Neuramis® Deep



Biphasic



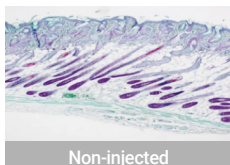
Other Monophasic

Outstanding Skin Integration¹

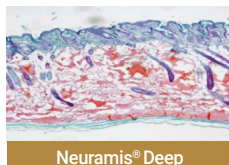
Neuramis® shows outstanding skin integration which blends well with tissue around the skin after injection, giving a natural look.

Histologic images

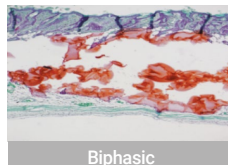
* Red : HA Filler



Non-injected



Neuramis® Deep



Biphasic

1. Data on file. Medytox, Inc.

HA : Hyaluronic Acid

Proven efficacy¹



In a comparative study on injections between Neuramis® Deep Lidocaine and Product A, the nasolabial folds receiving the Neuramis® product showed great improvement and satisfaction.

Efficacy Assessment

WSRS Score by three Independent expert

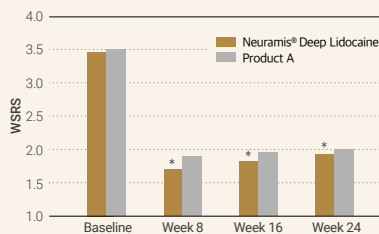


Fig1. WSRs score of Neuramis® and control group evaluated with photographic assessment by three independent expert panels.

Satisfaction Assessment

GAIS Score by blinded Investigators

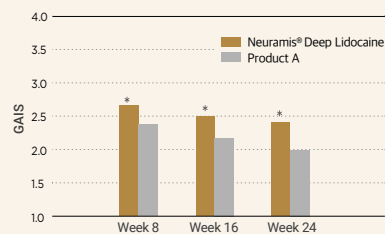


Fig2. GAIS score for Neuramis® and control group evaluated with live assessment by blinded investigators.

* $P < 0.05$, difference between Neuramis® and Product A

Study Method

In a randomized, multicenter, double-blinded, intra-individual comparison and controlled Phase III study on 58 subjects, injections of Neuramis® Deep Lidocaine and Product A were made to nasolabial folds of each subject to assess wrinkle improvement.

Efficacy Assessment

When photo evaluators assessed photos to measure changes in the WSRs, Neuramis® Deep Lidocaine showed great improvement in week 24 of the study. (Neuramis® Deep Lidocaine : 1.64 ± 0.74 , Product A : 1.45 ± 0.54)

Satisfaction Assessment

According to GAIS score evaluated by the investigators, Neuramis® Deep Lidocaine produced a high level of satisfaction of patients. (Neuramis® Deep Lidocaine : 2.36 ± 0.55 , Product A : 2.00 ± 0.50)

1. Hong Jin Joo et al., *Plast Reconstr Surg* 2016;137:799-808

WSRS : Wrinkle Severity Rating Scale GAIS : Global Aesthetic Improvement Scale

Global Product, Neuramis®

Registration status of Neuronox® & Neuramis®¹ (2019.02)

Neuramis® is a global product, registered in 25 countries with rapidly growing sales in more than 30 countries.

I Registration Status (Neuronox® & Neuramis®)

Asia	Korea HongKong India Iran Kazakhstan Kyrgyzstan Lebanon Malaysia Mongolia Myanmar Philippine Thailand Uzbekistan Vietnam Syria
America	Bolivia Brazil Chile Colombia Costa Rica Dominican Republic Ecuador Guatemala Mexico Panama Paraguay Peru El Salvador Trinidad and Tobago
Europe	Belarus Georgia Russia Ukraine
Oceania	New zealand

• Neuronox® & Neuramis® • Neuronox® • Neuramis®

1. Data on file. Medytox, Inc.

The Smart Choice of HA Dermal Filler

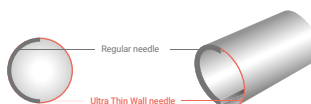


Product Range¹

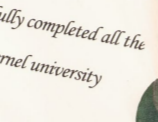
Product	Gel texture	Lidocaine	HA Concentration	Needle	Intended Use
 Neuramis® Meso		-	20mg/ml (0.9% mannitol)	30G x 3/16" (4mm) UTW*	Fine wrinkles, restoration of skin hydrobalance, improvement of skin structure, skin elasticity
 Neuramis® Deep		-		27G x 1/2" (13mm)	Moderate to severe facial wrinkles and folds (such as nasolabial folds)
 Neuramis® Light Lidocaine				30G x 3/16" (4mm) UTW*	Fine wrinkles, restoration of skin hydrobalance, improvement of skin structure, skin elasticity
 Neuramis® Lidocaine		0.3%	20mg/ml	30G x 1/2" (13mm) UTW*	Wrinkles and folds on the lower face, specifically the nasolabial folds
 Neuramis® Deep Lidocaine				27G x 1/2" (13mm) UTW*	Wrinkles and folds on the lower face, specifically the nasolabial folds
 Neuramis® Volume Lidocaine				27G x 1/2" (13mm) UTW*	Wrinkles and folds on the face, cheek, chin augmentation, shaping the contours of the face

* UTW(Ultra Thin Wall needle)

The Ultra Thin Wall needle has a larger inner diameter compared to regular needles. It improves flow rates and lowers extrusion force during injection.



1. Data on file. Medytox, Inc.



Neuramis[®]

Hyaluronic Acid Dermal Filler