
Smile!
It's Neuramis Time
Neuramis®
Hyaluronic Acid Dermal Filler
Medytox

Neuramis® is **Safe**

High-quality Raw materials[1]

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.

Hyaluronic Acid Raw Materials Management Standards

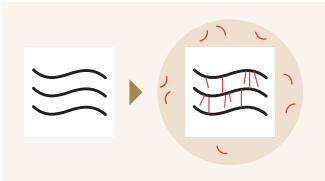
	Ph. Eur	Neuramis®
Residual protein	Maximum 0.3% or 0.1%	Maximum 0.1%
Endotoxin	<0.5 or 0.05IU/mg	<0.04IU/mg

Improved Refining Process with SHAPE technology[1,2]

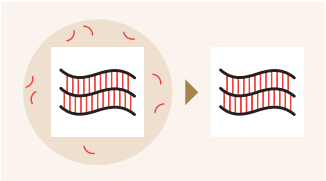
SHAPE(Stabilized Hyaluronic Acid and Purification Enhancement) technology is the exclusive technology of Neuramis®.
It stabilizes crosslinking and enhances the purification process.

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

Step1. Cross-linking with BDDE
Primary cross-linking



Step2. Purification process
Removal of unbound BDDE



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

BDDE : 1,4-Butanediol diglycidyl ether FDA : Food and Drug Administration
DMF : Drug Master File EDQM : European Directorate for the Quality of Medicines

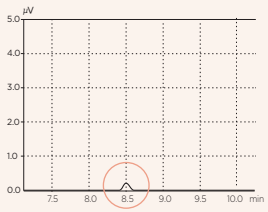

Neuramis
VOLUME
LIDOCAINE
SMILE!

Neuramis® is **Safe**

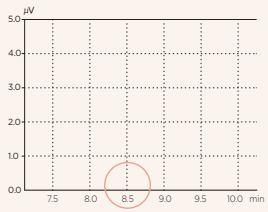
In-house quality-control[1]

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]

| BDDE Standard solution



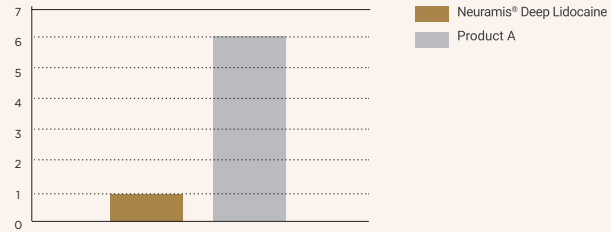
| Neuramis® series



Proven Safety[2]

A comparative study oninjections between Neuramis®Deep Lidocaine and Product A into nasolabial folds reported fewer adverse events from with Neuramis® Deep Lidocaine.

| Number of Treatment-related adverse event



1. Data on file. Medytox, Inc. 2. Hong Jin Joo et al., *Plast Reconstr Surg* 2016;137:799-808 3. 자사 장비 측정 기준

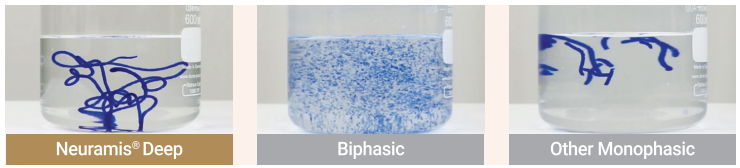
It’s Neuramis Time

Neuramis® is **Effective**

Outstanding Cohesiveness[1]

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

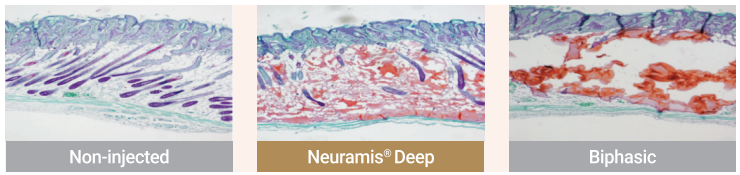
Cohesiveness test



Outstanding Skin Integration[1]

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

Histologic images



* Red : HA Filler

1. Data on file. Medytox, Inc.

HA : Hyaluronic Acid

Proven efficacy[1]

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 experts

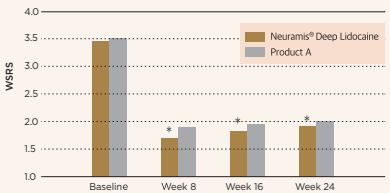


Fig1. WSRS score of Neuramis® and control group evaluated with photographic assessment by three independent expert panels.

Satisfaction Assessment

GAIS score by blinded Investigators

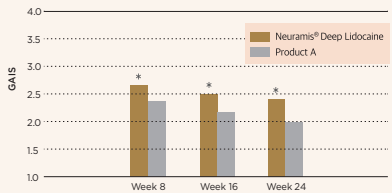


Fig2. GAIS score for Neuramis® and control group evaluated with live assessment by blinded investingators

**** 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, ProductA: 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, ProductA : 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 Medytox Product, Neuramis®

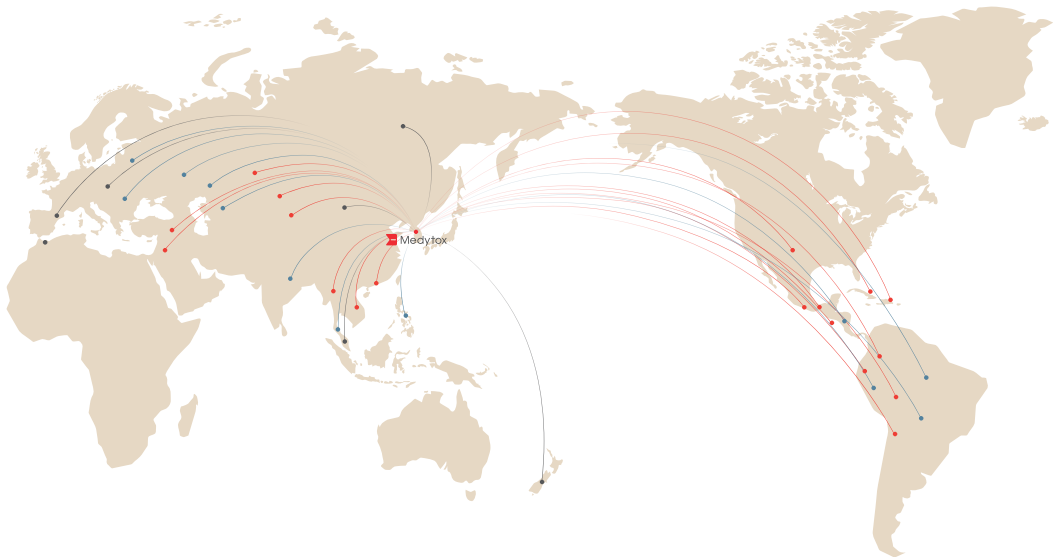
Registration status of Neuronox® & Neuramis®[1]

(2018.02)

Neuramis® is a global product, registered in 23 countries with rapidly growing sales in more than 30 countries.

Registration Status (Neuronox® & Neuramis®)

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



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

1. Data on file. Medytox, Inc.

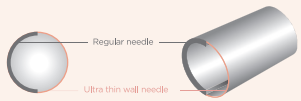
Global Company Medytox

Product **Range**[1]

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 eslaticity
Neuramis® Deep			-		27G x 1/2"(13mm)	Moderate to serve facial wrinkles and folds (such as nasolabial folds)
Neuramis® Light Lidocaine			0.3%	20mg/mL	30G x 3/16"(4mm) UTW*	Fine wrinkles, restoration of skin hydrobalance, improvement of skin structure, skin eslaticity
Neuramis® Lidocaine					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 augmenttion, shaping the contours of the face

*** UTW(Ultra Thin Wall needle)**

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



1. Data on file. Medytox, Inc.

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Healthcare Professionals Only

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