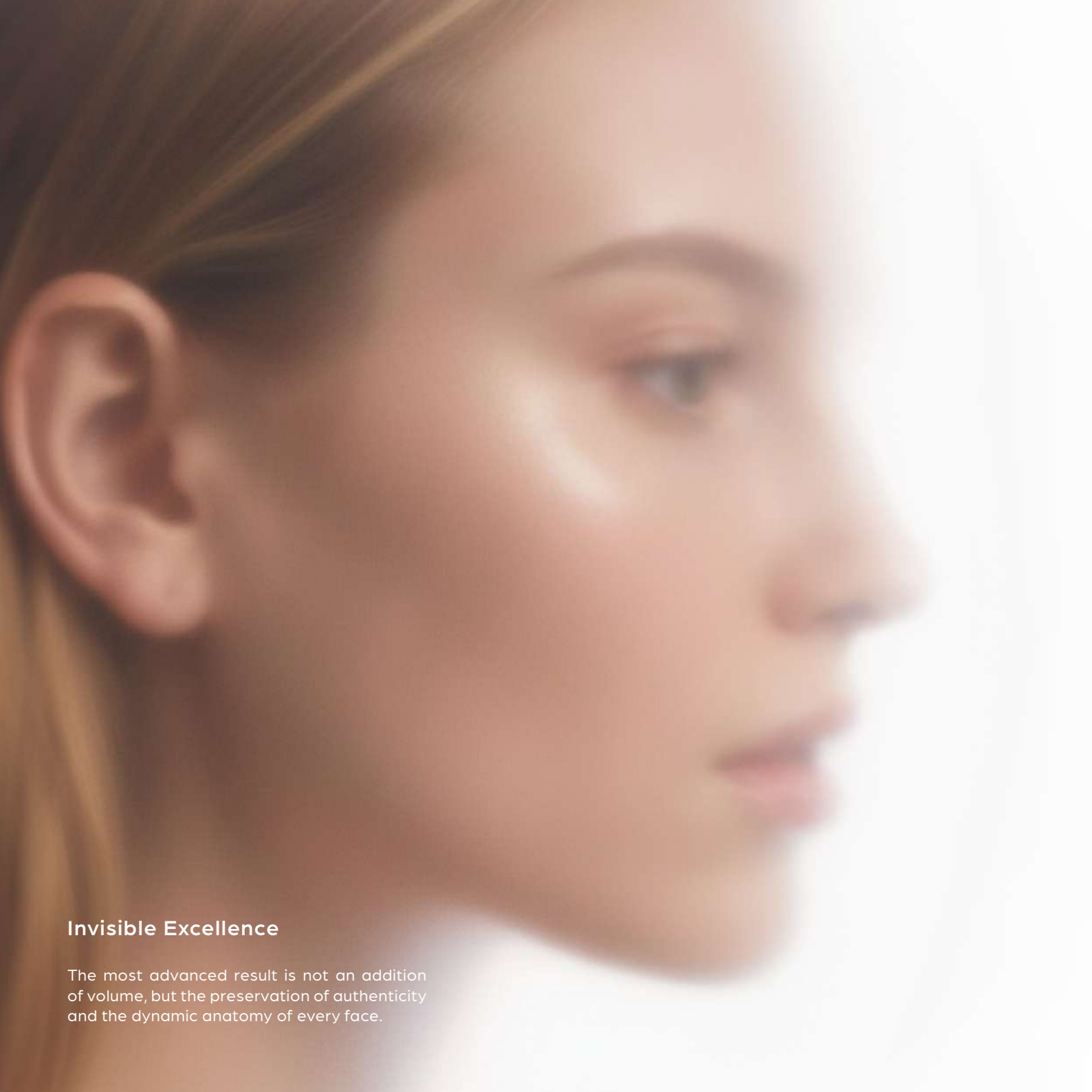

RHEOLYSE®
INVISIBLE LINKED



Invisible Excellence

The most advanced result is not an addition of volume, but the preservation of authenticity and the dynamic anatomy of every face.

AESTHEMED

The Science of Naturalness

Excellence, in an aesthetic approach oriented toward natural results, is expressed through imperceptibility: the most advanced outcome is not the addition of volume, but the preservation of authenticity and dynamic facial anatomy.

From this vision comes Aesthemed, an Italian brand specialized in the development of hyaluronic acid–based fillers. Each formulation is designed to achieve natural-looking results through a scientific approach based on rheology: clinical outcomes are determined not by the quantity of product injected, but by its behavior within the tissues.

Aesthemed's research takes shape in Rheolyse, a line developed to translate rheological science into predictable clinical performance. A formulation system designed to harmonize with different anatomical compartments while respecting structure, dynamics, and facial expressiveness.

Rheolyse is structured into two complementary lines, created to address different clinical needs while sharing the same design principle: selecting the product's behavior before volume, in order to preserve balance, harmony, and naturalness.

Rheolyse

The objective of Rheolyse is to intervene with precision, guiding anatomical balance through a scientific approach focused on natural outcomes. Each formulation is developed starting from rheological parameters– G', G'', tan δ – to ensure a response consistent with the treated plane, while respecting tissue structure and dynamics.

For Rheolyse, excellence lies in the coherence between rheological design, clinical outcome, and facial identity.

RHEOLYSE

Invisible Linked

Four formulations (Hydrafine, Sublimelip, Dynamic, Deeplift) designed for harmonious integration across different anatomical planes, featuring a rheological profile oriented toward naturalness and dynamic control.

Developed to accompany movement and expressiveness, these products promote tissue continuity and proportional balance, maintaining coherence between structure and function.

RHEOLYSE

Invisible Pure

Two formulations (Puresense 64 and Restore 32) based on pure hyaluronic acid, developed to provide structural response and precision in treatments requiring greater support.

High purity and controlled mechanical behavior enable accurate outcome control in anatomical planes with higher functional demands, while respecting facial morphology.

Rheological Parameters

The Rheolyse Invisible Linked line is based on rheological design focused on gel behavior within tissues. In these products, rheology describes the response of hyaluronic acid once injected, in relation to the mechanical stresses of the face.

Each parameter is calibrated to work in balance with the others, as natural results arise from coherence between gel properties, tissue architecture, and movement.

G' Storage Modulus

G' expresses the elastic component of the gel, meaning its ability to resist deformation and maintain its shape over time. A higher G' ensures greater structural support. A modulated G' allows tissue support without excessive stiffness.

Clinically, it determines how much the product supports versus how much it adapts to anatomy. In formulations intended for soft volumization, G' is not maximized but calibrated to promote integration and naturalness.

G" Loss Modulus

G" describes the viscous component of the gel, meaning its ability to flow and adapt under stress.

An appropriate G" :

- Promotes diffusion within tissues
- Improves continuity of results
- Reduces the risk of localized accumulation

It contributes to clinical softness and homogeneous product distribution.

Tan δ: ratio between G' and G"

Tan δ represents the ratio between G' and G", expressing the balance between viscosity and elasticity.

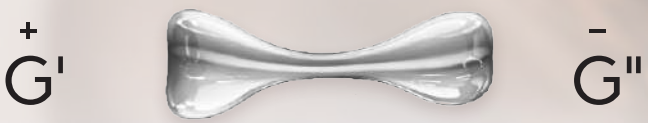
- Lower values indicate more elastic behavior
- Higher values indicate a more viscous component

In physiologic volumizing gels, tan δ is designed to avoid extreme behavior, favoring harmonious tissue interaction and a natural response to facial dynamics.

BALANCE

Balance between viscosity and elasticity

IMBALANCE



Balance between viscosity and elasticity

IMBALANCE

Balance between viscosity and elasticity

Cohesivity

Cohesivity expresses the gel's ability to remain integrated after injection.

A cohesive gel:

- Does not fragment
- Does not migrate
- Integrates stably within tissue planes

Clinically, cohesivity is essential for maintaining product placement and ensuring an orderly and controllable result over time.

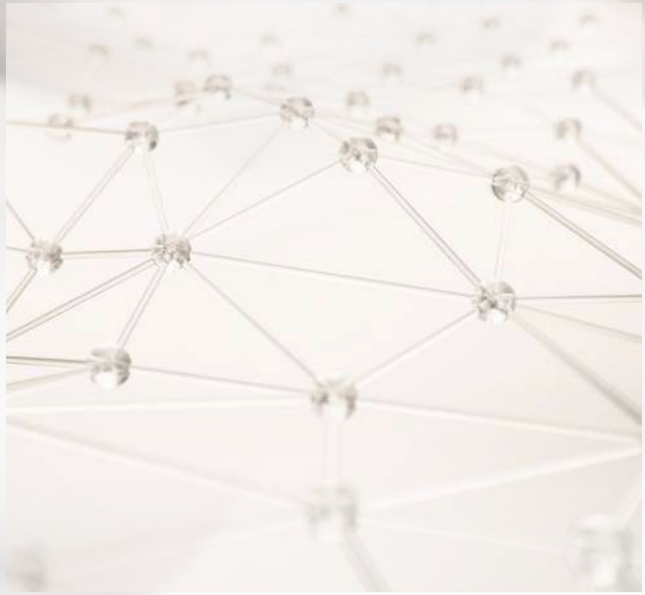
Plasticity

Plasticity is the gel's ability to modify its shape in a controlled manner under the physician's manipulation.

A plastic gel:

- Is easily moldable
- Adapts to the patient's anatomical morphology
- Maintains the achieved shape

This parameter enables progressive and physiological correction without rigidity.



Cross-Linking: Control, Not Excess

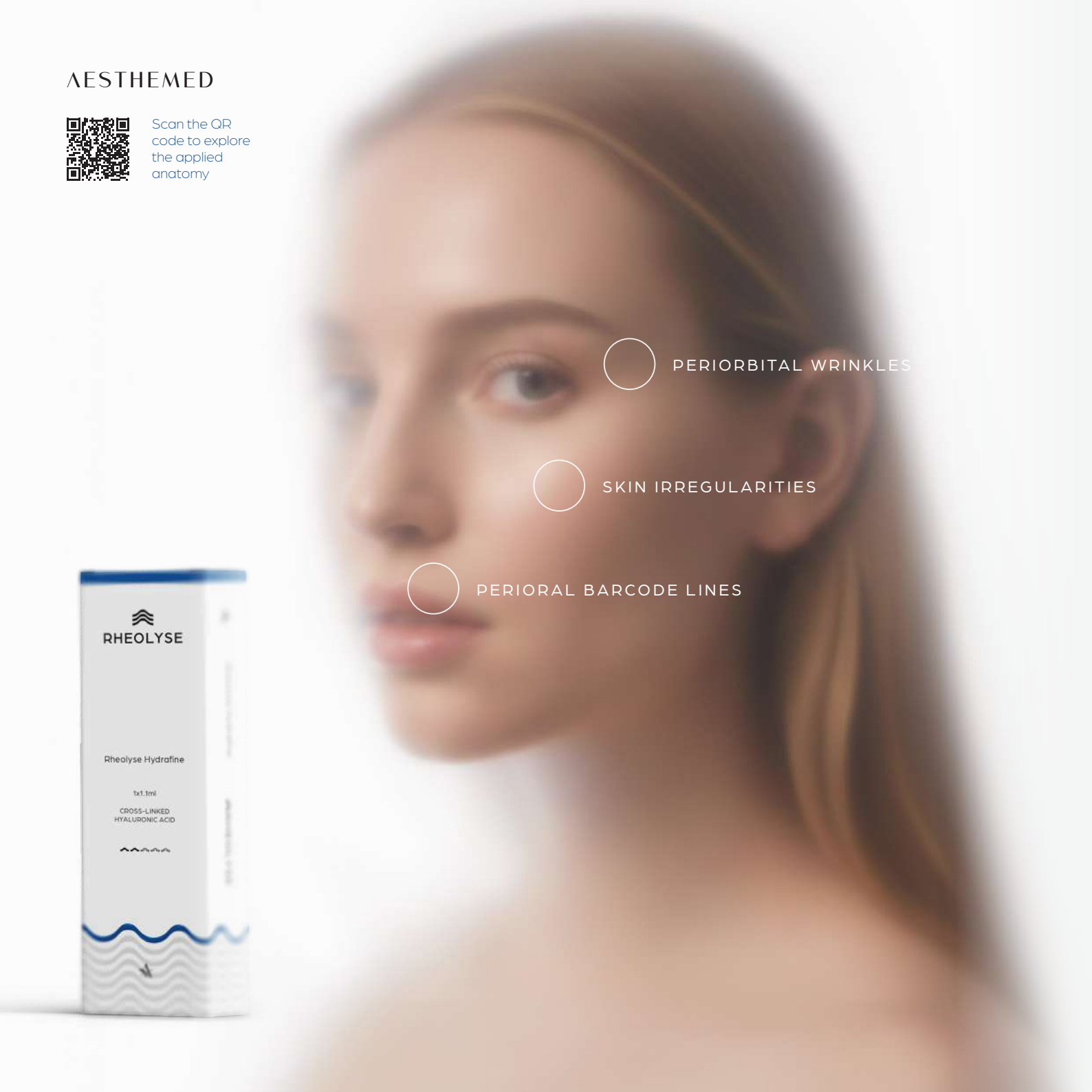
The cross-linking process, performed at low temperatures and with extended reaction times, allows precise control of gel structure.

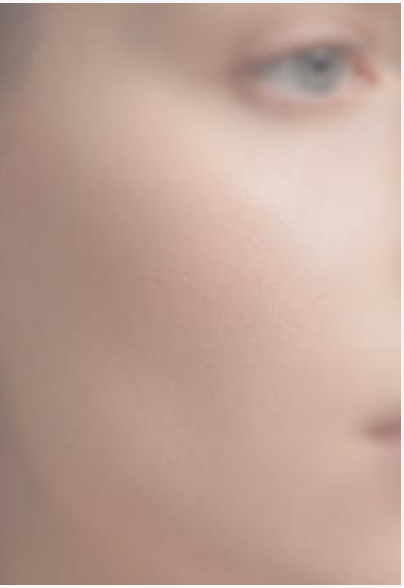
This approach ensures:

- Measured reticulation
- Reduction of residual chemical agents
- Preservation of functional rheological properties

AESTHEMED

Scan the QR code to explore the applied anatomy





Hydrafine

Periorbital wrinkles

Skin irregularities

Perioral barcode lines

Resorbable medical device indicated for the overall improvement of facial tissue quality. It acts at the subcutaneous level, promoting elasticity, skin turgor, and hydration, while physiologically accompanying facial dynamics. Formulated with cross-linked hyaluronic acid, it supports homogeneous tissue integration while respecting anatomical structures.

Tissue Quality
Skin Structure
Physiological Volume

_1

Hyaluronic Acid
25 mg/ml in 1.1 ml

Composition
Cross-linked Hyaluronic Acid 25 mg/g
Phosphate-buffered saline solution,
Water for injectable solutions q.s. to 1 g

Packaging 1x1.1 ml
1 needle – 27 G x 19 mm
1 needle – 30 G x 13 mm
Adhesive labels

_2

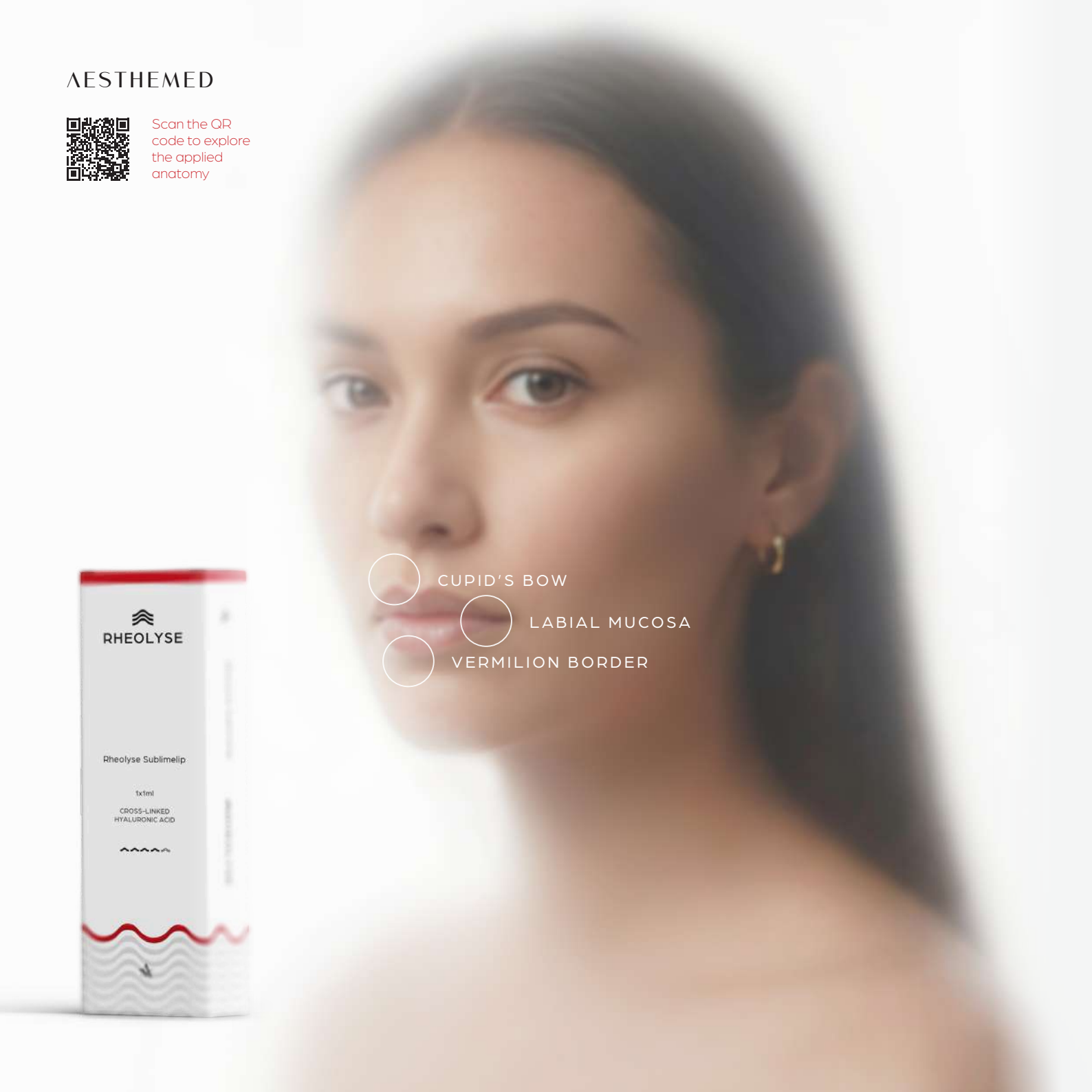
Anatomical Planes
Periocular wrinkles
Skin irregularities
Barcode lines

Treatment Duration
4–5 months

Rheological Parameters
G': 30 Pa
G": 10 Pa
δ: 0,33

AESTHEMED

Scan the QR code to explore the applied anatomy



Sublimelip

Cupid's bow

Labial mucosa

Vermilion border

Elastic volumizing filler indicated for physiological lip reshaping. Designed to provide controlled projection and harmonious eversion. The cross-linked hyaluronic acid matrix promotes physiological tissue integration, enabling improvement of lip contour, definition, and asymmetries, while maintaining a soft and predictable response even in highly dynamic anatomical areas.

Harmonized volumization
Controlled vermilion projection
Lip contour redefinition

_1

Hyaluronic Acid
25 mg/ml

Composition
Cross-linked Hyaluronic Acid 25 mg/g
Phosphate buffer, Water for injectable solutions q.s. to 1 g

Packaging 1x1 ml
1 needle – 27 G x 19 mm
1 needle – 27 G x 13 mm
Adhesive labels

_2

Anatomical Planes
Cupid's bow
Labial mucosa
Lips
Vermilion border

Treatment Duration
6 - 7 months

Rheological Parameters
G': 100 Pa
G": 20 Pa
δ: 0,20

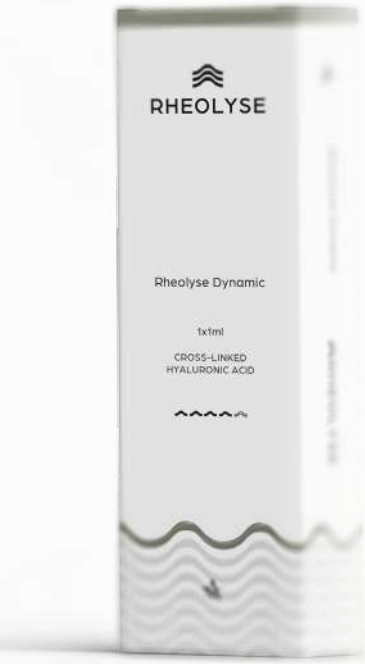
AESTHEMED

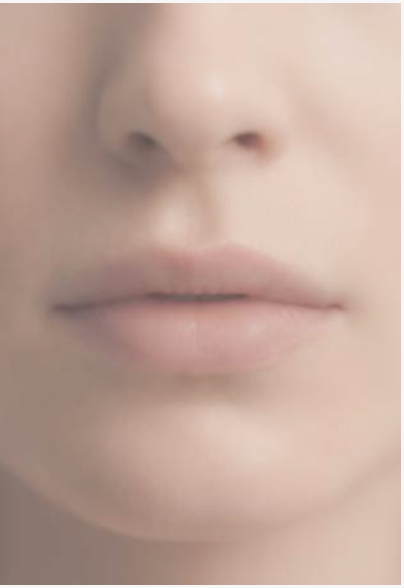
Scan the QR code to explore the applied anatomy

GLABELLAR AND FOREHEAD LINES

NASOLABIAL FOLDS

ATROPHIC SCARS





Dynamic

Glabellar and forehead lines

Nasolabial folds

Atrophic scars

Resorbable medical device indicated for the treatment of mid-dermal to intermediate facial planes characterized by high mobility and the need for controlled elastic support. The gel distributes homogeneously within tissues, preserving volumetric cohesion and providing flexible support capable of following facial dynamics while respecting anatomical structures. Formulated with cross-linked hyaluronic acid of non-animal origin, sterile, apyrogenic, and physiological.

Deep tissue hydration

Controlled diffusion

_1

Hyaluronic Acid

25 mg/ml

Composition

Cross-linked Hyaluronic Acid 25 mg/g

Phosphate buffer, Water for injectable solutions q.s. to 1 g

Packaging 1x1 ml

1 needle – 27 G x 19 mm

1 needle – 27 G x 13 mm

Adhesive labels

_2

Anatomical Planes

Glabellar lines

Forehead lines

Nasolabial folds

Atrophic acne and facial scars

Treatment Duration

7–9 months

Rheological Parameters

G': 100 Pa

G": 20 Pa

δ: 0,20

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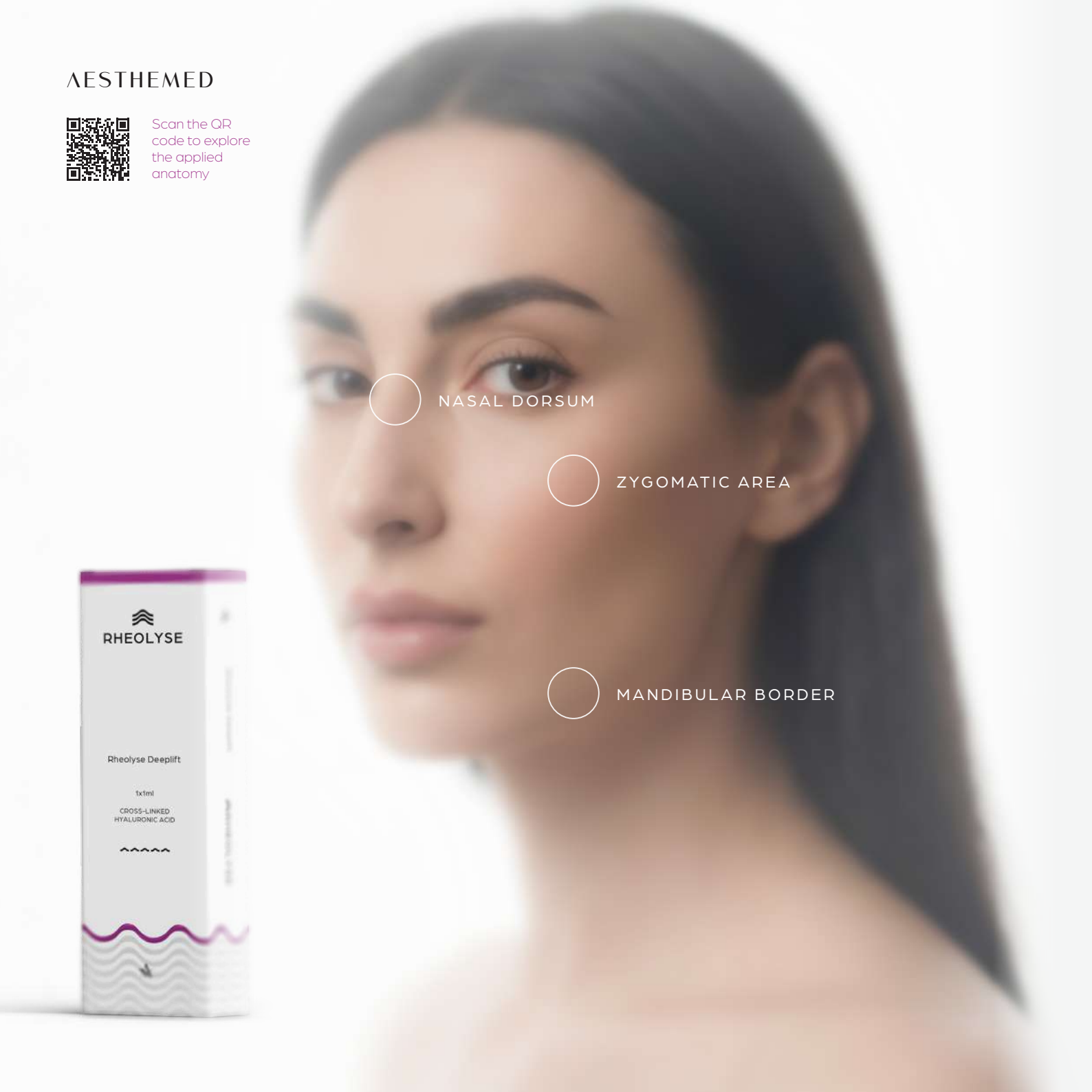
Scan the QR code to explore the applied anatomy



Deeplift

Nasal dorsum

Zygomatic area

Mandibular border

Resorbable medical device indicated for the correction of facial tissue ptosis and restoration of structural volumes. The gel acts within deep supportive planes, providing structural reinforcement and volumetric support, contributing to the stability of facial architecture while respecting anatomical integrity. Formulated as a sterile, apyrogenic, physiological gel based on cross-linked hyaluronic acid of non-animal origin produced through bacterial fermentation.

Restoration of structural support volumes

Treatment of structural tissue laxity

_1

Hyaluronic Acid

25 mg/ml

Composition

Cross-linked Hyaluronic Acid 25 mg/g

Phosphate buffer, Water for injectable solutions q.s. to 1 g

Packaging 1x1 ml

1 needle – 27 G x 19 mm

1 needle – 27 G x 13 mm

Adhesive labels

_2

Anatomical Planes

Nasal dorsum

Zygomatic area

Mandibular border

Treatment Duration

9 - 11 months

Rheological Parameters

G': 200 Pa

G": 40 Pa

δ: 0,20

Invisible Excellence

RHEOLYSE
Hydrafine

Deep dermal hydration, homogeneous tissue integration, progressive improvement of skin texture and elasticity.

RHEOLYSE
Sublimelip

Balanced rheological profile for lips, natural definition, delicate support, and harmonious integration in highly dynamic tissues.

RHEOLYSE
Dynamic

Modulated structural support, adaptability to mimetic movements, indicated for dynamic areas requiring a balance between support and naturalness.

RHEOLYSE
Deeplift

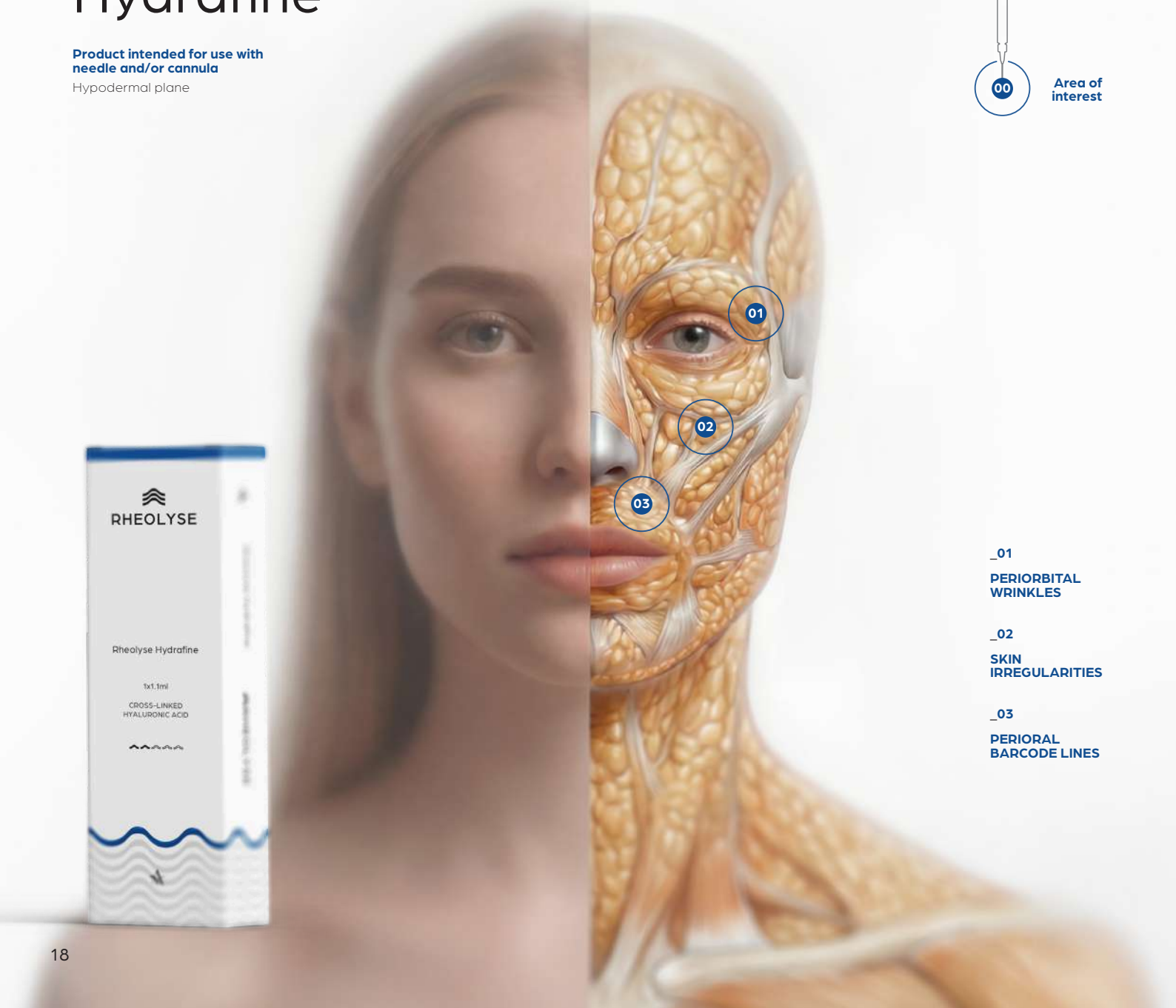
Deep volumetric support, structural stability, and reinforcement of anatomical planes, indicated for the treatment of marked facial tissue laxity.

Hydrafine

Product intended for use with needle and/or cannula

Hypodermal plane

Area of interest



_01

PERIORBITAL WRINKLES

_02

SKIN IRREGULARITIES

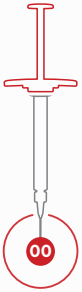
_03

PERIORAL BARCODE LINES

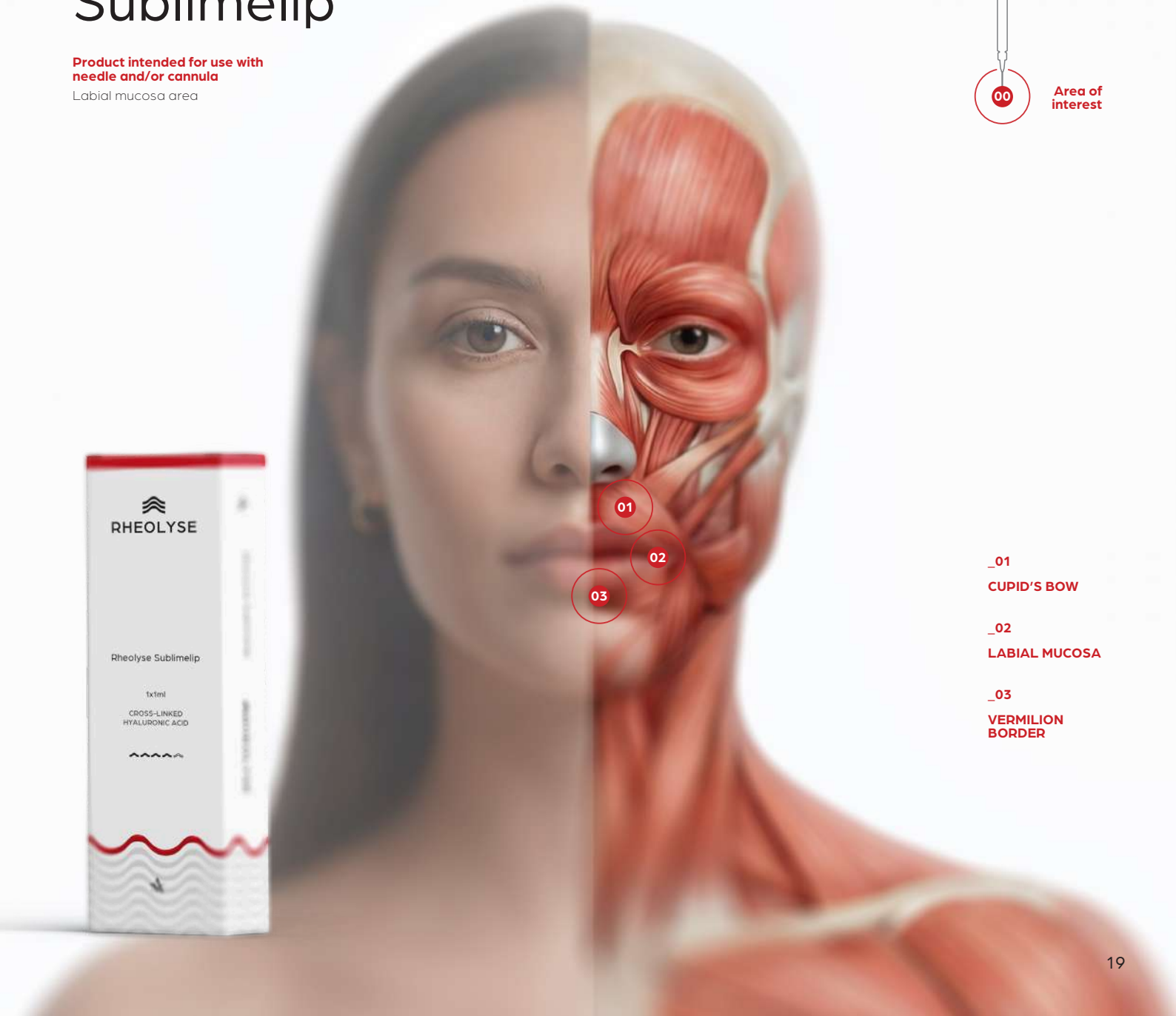
Sublimelip

Product intended for use with needle and/or cannula

Labial mucosa area



Area of interest



_01

CUPID'S BOW

_02

LABIAL MUCOSA

_03

VERMILION BORDER

Dynamic

Product intended for use with needle and/or cannula

Dermal plane

Area of interest

_01

GLABELLAR AND FOREHEAD LINES

_02

NASOLABIAL FOLDS

_03

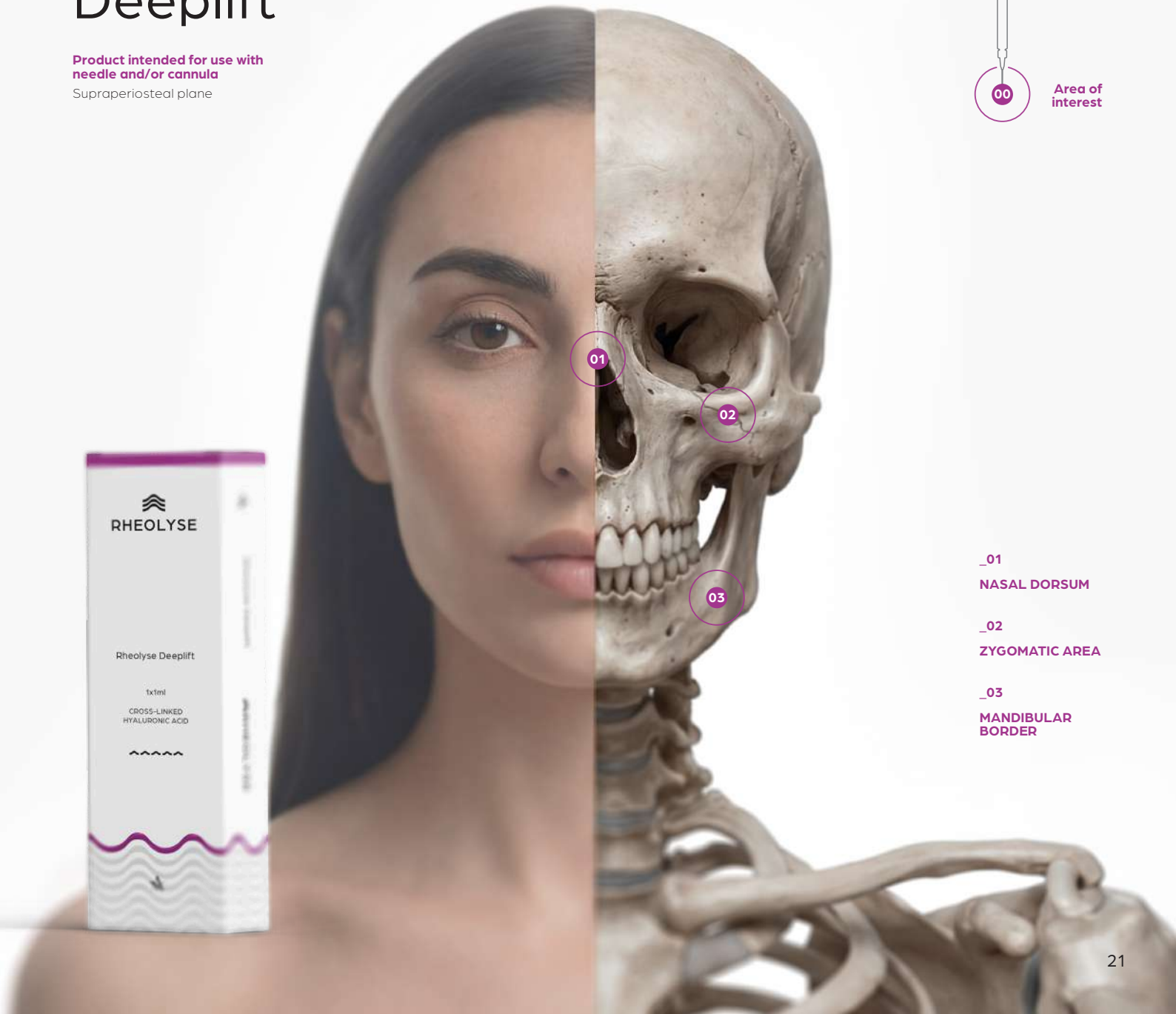
ATROPHIC SCARS

Deeplift

Product intended for use with needle and/or cannula

Supraperiosteal plane

Area of interest



_01

NASAL DORSUM

_02

ZYGOMATIC AREA

_03

MANDIBULAR BORDER

Certifications

Rheolyse operates in accordance with the highest international standards of quality, safety, and sustainability. The production system is certified under ISO 9001:2015, ISO 13485:2016 for medical devices, and ISO 14001:2015, ensuring controlled, traceable, and quality-oriented manufacturing processes.
All devices comply with applicable regulatory requirements.
Entirely manufactured in Italy, Rheolyse guarantees direct oversight of every production phase, strict process validation, advanced technological know-how, premium raw material selection, and consistent clinical reliability over time.

14001:2015

Environmental management system for quality and process control.

9001:2015

Standard for quality management systems.

13485:2016

Specific standard for the production of medical devices.

Compliance with European safety and performance requirements.

AESTHEMED

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