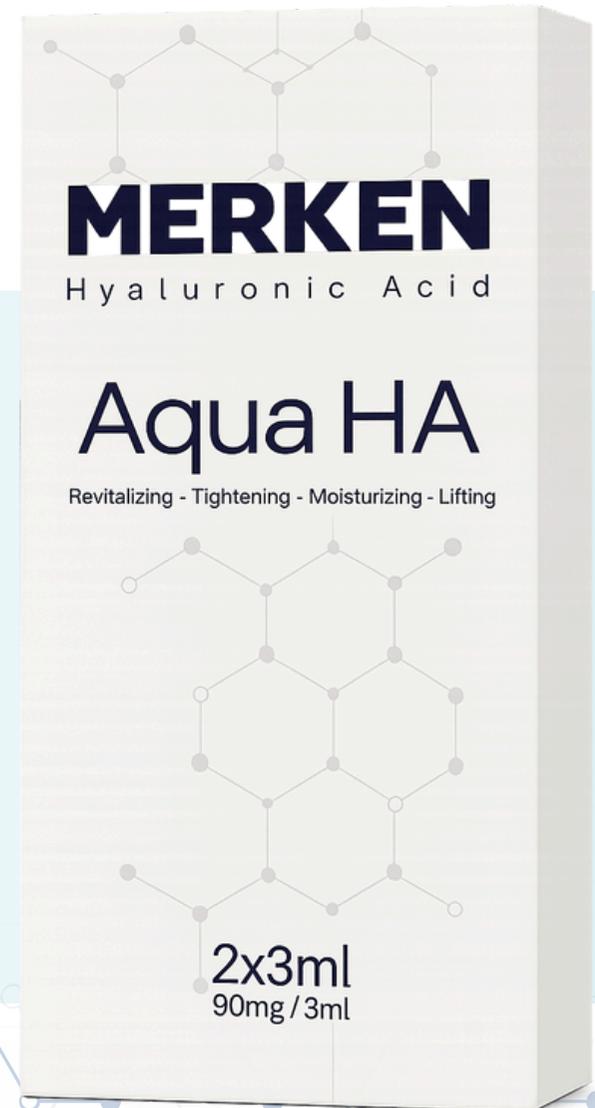




AQUA HA
MERKEN

ADVANCED HYBRID SKIN-BOOSTER SCIENCE MEETS NATURAL BEAUTY

Hydration, firmness, and dermal remodeling in one innovative formula



THE VISION OF MERKEN

At **MERKEN**, we believe that true beauty lies in the skin's ability to remain vibrant and resilient over time. Our mission is to deliver advanced biotechnology that enhances skin quality naturally, safely, and effectively.

- Produced under **GMP-certified** standards
- Compliant with **European CE regulations**
- Ultrapure, **BDDE-free** hyaluronic acid
- Powered by our proprietary **HYALPUREX® Process**



Science-driven innovation, designed for authentic beauty.



PHILOSOPHY OF BEAUTY

For a sculptor, beauty is form.
For a scientist, beauty is balance.
For **MERKEN**, beauty is **hydration, elasticity,
and radiance preserved through time**

- Preserving **natural expression**
- Prioritizing **safety and biocompatibility**
- Delivering subtle, **long-lasting** results
- Providing **results supported by science**



UNIQUE HYALURONIC ACID TECHNOLOGY

MERKEN AQUA HA is formulated with a **four-fraction synergy**, each contributing a specific biological function.

30 mg Micro-crosslinked Hyaluronic Acid

Creates a dermal reservoir, ensuring hydration for up to 6 months.

21 mg High Molecular Weight HA (1,000–1,500 kDa)

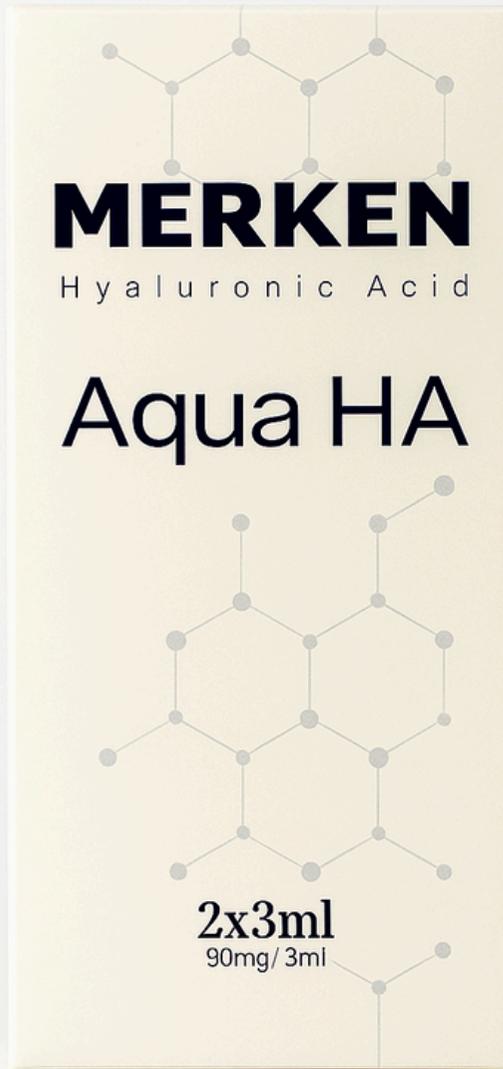
Forms a viscoelastic film, restoring firmness and barrier function.

21 mg Medium Molecular Weight HA (300–500 kDa)

Stimulates fibroblasts, promoting collagen I & III and elastin synthesis.

18 mg Hydrolyzed Sodium Hyaluronate (<50 kDa)

Enhances intercellular signaling, reduces inflammation, and supports repair.



MERKEN AQUA HA's Ultrapure Hyaluronic Acid is developed through the exclusive **HYALPUREX® Process**, ensuring an unprecedented level of purity and biological performance.

Our biotechnology enables the production of sodium hyaluronate with **precisely engineered molecular weights**, ranging from <50 kDa to 2,100 kDa, delivering a comprehensive dermal impact.

- Produced via controlled fermentation of *Streptococcus zooepidemicus*
- Multi-step purification for minimal endotoxins and protein residues
- Fractional molecular engineering for targeted skin bioactivity
- Documented resistance to thermal treatment and enzymatic degradation

*This next-generation approach ensures **MERKEN AQUA HA** achieves maximum hydration, stability, and patient safety, specifically designed for injectable medical aesthetics.*

PRODUCTION EXCELLENCE WITH HYALPUREX®

While conventional HA boosters often rely on chemical cross-linking, **MERKEN** introduces a **unique patented-like stabilization method: HYALPUREX® Process**.

This innovation combines **micro-crosslinked, high, medium, and hydrolyzed hyaluronic acid fractions** into a synergistic hybrid formulation.

The HYALPUREX® Process creates a **cohesive molecular network** stabilized through hydrogen bonding and advanced thermal purification, completely eliminating the need for BDDE or other chemical cross-linkers.

- Enables high HA concentration while preserving injectability and safety
- Enhances resistance to enzymatic degradation by hyaluronidases
- Provides long-lasting results with superior tolerability
- Delivers dermal integration without risk of nodules or irregularities

HYALPUREX® sets a new benchmark for biocompatible, long-lasting skin boosters.



PRODUCTION EXCELLENCE WITH HYALPUREX®

Worldwide, regenerative aesthetics are increasingly favored as patients seek **natural, holistic, and long-lasting solutions** over invasive procedures.

MERKEN AQUA HA perfectly aligns with this demand, offering:

- **Deep hydration & elasticity restoration** through multi-fractional HA
- **Stimulation of fibroblasts** for collagen and elastin production
- **Post-sun repair and anti-aging prevention** without volumization
- A safe and **BDDE-free regenerative approach**

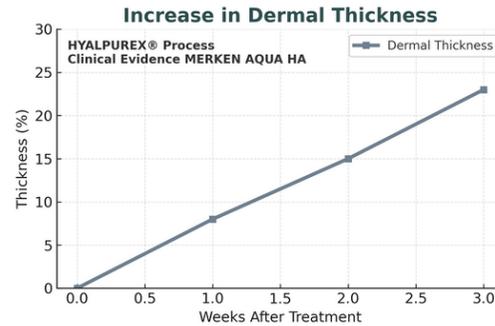
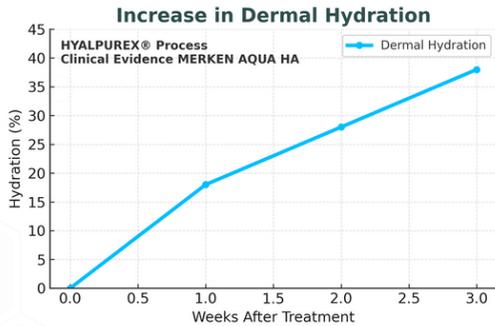
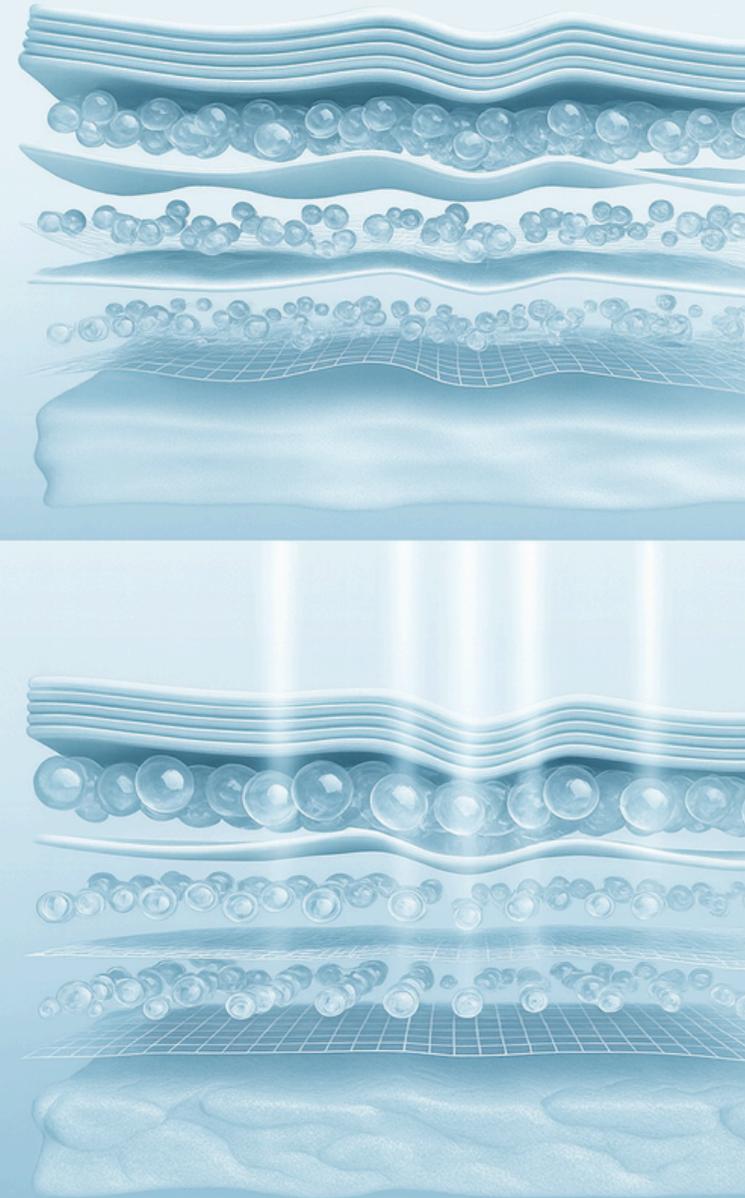
Patients today do not want to radically change their appearance. They seek to enhance their natural glow, correct early signs of aging, and feel fresher — without compromising their authentic identity.

*MERKEN AQUA HA responds to this trend, **delivering science-driven regenerative results** and meeting the rising global demand for authenticity in aesthetic medicine.*



SCIENTIFIC EVIDENCE

Clinical data for MERKEN AQUA HA powered by the HYALPUREX® Process:



- +23% increase in dermal thickness after 3 months, ultrasound evaluation.
- 95% patient satisfaction reporting natural, radiant outcomes.
- Significant reduction in fine lines and wrinkles within 4 weeks.
- +38% dermal hydration after 3 weeks, confirmed via corneometry and ultrasound imaging.

Mechanism of effect:

- High-MW HA binds up to 1000x its weight in water.
- Medium and hydrolyzed HA stimulate fibroblast proliferation and collagen I & III synthesis.
- HYALPUREX® micro-crosslinked HA forms a dermal scaffold, extending hydration up to 6 months.

CLINICAL BENEFITS

Benefits of MERKEN AQUA HA with HYALPUREX® Technology:

- Restores deep dermal hydration across multiple skin layers.
- Improves elasticity and firmness through fibroblast activation.
- Reduces fine lines and wrinkles while maintaining natural expression.
- Enhances radiance and texture, restoring youthful glow
- Provides long-lasting results up to 6 months.
- 100% BDDE-free, ensuring maximum safety and tolerability.



INDICATIONS

MERKEN AQUA HA is recommended for:

- **Ages 25–35:** prevention, hydration, correction of early dullness.
- **Ages 35–50:** elasticity loss, fine superficial wrinkles, post-sun repair
- **50+:** dermal thinning, deeper dehydration, advanced textural decline.
- Patients seeking **non-volumizing, natural rejuvenation.**

Ideal for both men and women desiring authenticity and long-term skin quality improvement.



TREATMENT PROTOCOL

Initial course:

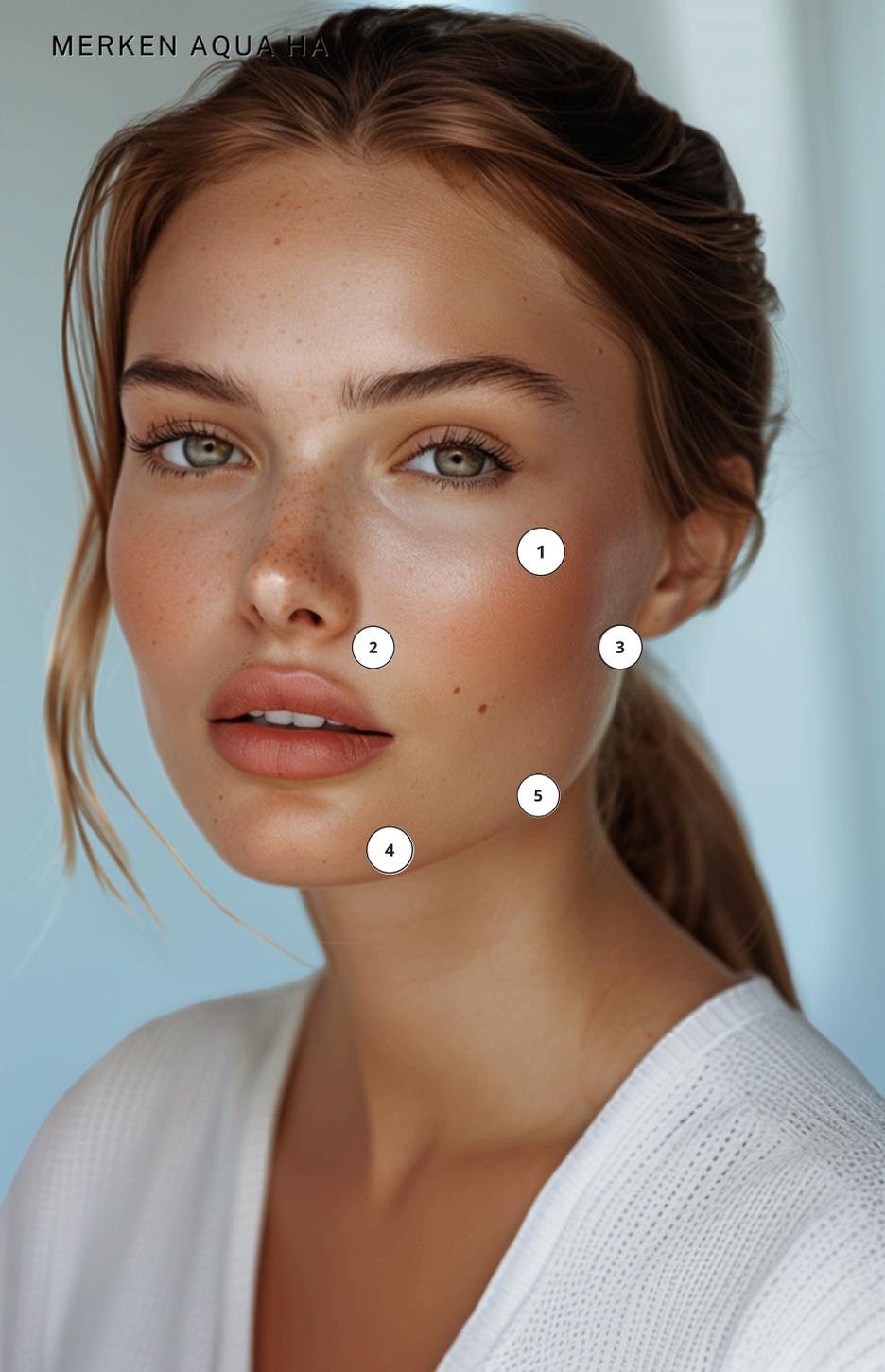
- 2 sessions, 3 ml each, spaced 4–6 weeks apart.

Maintenance:

- 1 session every 4–6 months.

Technique:

- Microdroplet intradermal injections (0.02–0.05 ml per point).
- Depth: 1–1.5 mm (mid-dermis).
- Spacing: ~1 cm apart.
- Post-care: avoid alcohol, sauna, and UV exposure for 24 hours





Hands – Cannula Fan Technique

Cannula size: 25G × 50 mm

Entry point: Proximal dorsal wrist crease

Depth: Superficial fat layer

Method:

- Single entry point per hand
- Cannula advanced in a fan-shaped pattern
- Slow retrograde injection for even distribution
- Gentle massage post-injection to spread the product

Volume per hand: 1.0–1.5 ml



MERKEN AQUA HA



TREATMENT PROTOCOL



MERKEN AQUA HA



“After two weeks, my skin glowed like never before.”

“It feels hydrated and natural, without any heaviness.”

“The results are subtle yet powerful — I look fresher every day.”

