1. Direct-to-Dermis Precision

Each injection reaches a depth of 0.6/0.8 mm, precisely penetrating the dermis[1]

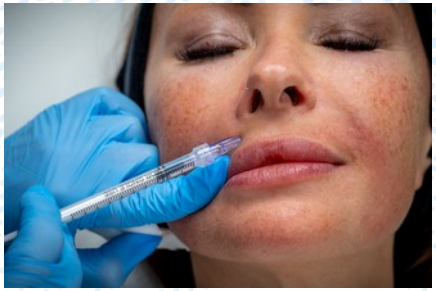
1. Chopra K, et al. A comprehensive examination of topographic thickness of skin in the human face. *Aesthetic Surgery Journal.* 2015;35(8):1007–1013.

2. Virtually Pain - Free

Patients report significantly reduced pain and milder adverse events vs. classic needles[1-2], leading to higher satisfaction and continued treatment[3]







1. Boca A. et al. Evaluation of the performance and safety of a new micro-needle technology in comparison with the classic needle on the antiaging effects of a biorevitalizing solution: a randomized split-face/neck study. *Journal of Cosmetic Dermatology.* 2024;23:3974–3985.
2. Diaspro A, Silenzi S. Microneedle for botulinum toxin: a randomized, case-control, single-blind study to assess clinical efficacy and patient satisfaction. *Plastic and Reconstructive Surgery Global Open.* 2025;13:e6610.
3. Dell'Avanzato R. et al. Facial rejuvenation using a microneedle-based device with a revitalizing solution and free hyaluronic acid. *Journal of Cosmetic Dermatology.* 2021;20:3701–3703.

Patient Preference and Safety

A feasibility assessment[1] evaluating a non-crosslinked HA-based injectable delivered with **MicronJet™ 800** for improving skin quality in delicate facial and neck areas demonstrated:

- **Ease of use**
- **Reduced pain and skin bruising**
- **More precise delivery** of non cross-linked HA into the dermis
- **Smoother treatment experience** due to suitable extrusion force and no technical issues.

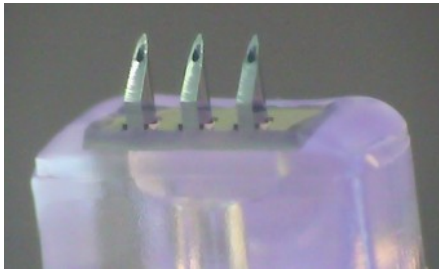


1. Martin C, Leroux J-M, Molinari P, Diaspro A, Ballarini S. Feasibility assessment on the usability, performance and safety of a non-crosslinked HA-based injectable in combination with a microneedle device for skin quality treatment of delicate areas of the face and neck. Poster presented at: AMWC 2025; 2025 Mar; Monte Carlo, Monaco.

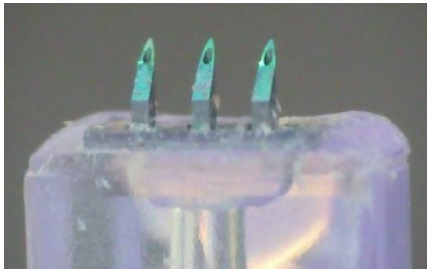
3. Consistent Performance from First to Last Injection

MicronJet's unique pyramid-shaped silicon-crystal delivery pyramids remain sharp after repeated insertions, ensuring smooth handling for clinicians and reduced bruising for patients.

Blunt-Resistance- One Treatment, Full Area



MJ800 Before Treatment

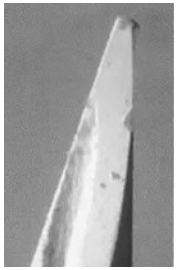


Fully Intact MJ800 After 50 Insertions

Hypodermic Needle



Before Treatment



Blunting After 6 Injections



Blunting and Bending After Multiple Injections

*Data on file

4. Minimal Downtime

Precise intradermal penetration minimizes tissue trauma and avoids blood vessels, making MicronJet™ virtually bruise-free with minimal downtime.







Bruising post after injection with stainless steel needle in the periorbital area

5. Immediate Confirmation of Dermal Placement



The MicronJet™ Platform



MicronJet™ 800µm

- 0.8 mm long
- Optimized for medium-to-high viscosity formulations
- Flow rate equivalent to 27-gauge needle
- Highly suitable for aesthetic treatments in **slightly thicker-skinned areas** like the jawline and cheeks

MicronJet™ 600µm

- 0.6 mm long
- Optimized for low viscosity formulations
- Flow equivalent to 30-gauge needle
- Highly suitable for aesthetic treatments in **delicate thinner-skinned areas** like the periorbital, perioral, neck and décolleté

Aesthetic and Dermatologic Applications & Substances

The devices suitable for delivering any aesthetic or dermatologic product into the dermis*:

- Skin Rejuvenation
- Scar Revision
- Axillary Hyperhidrosis
- Stretch Marks
- Hair Restoration (MJ 800)
- Eyebrow restoration
- Local Anesthesia
- Rosacea
- Hyperpigmentation

- Skin Boosters (non-cross-linked HA)
- Mesotherapy Cocktails
- PRP
- IPRF
- Polynucleotides & PDRN
- Botulinum Toxin (hyperhidrosis / microtoxine)
- Corticosteroids
- Lidocaine

YE CONTOUR • PERIORBITAL • PERIORAL • NECK & DECOLLETE • SCALP • FULL FACE

* Local Regulatory Approval Dependent