



**NanoPass Technologies Ltd.**  
Delivering Precision

# The Next Generation of Intradermal Delivery

**MicronJet™ by NanoPass delivers superior injection therapy results using its medical-grade MicronJet™ product platform in a variety of aesthetic applications.**

**MicronJet™ enables precise, consistent, and safer injection therapy compared to any existing methodology by leveraging the novel MEMS (Micro Electro Mechanical Systems) technology.**



**×3 Shorter Than any Aesthetic Needle**  
**×37 Shorter Than a Standard Needle**

## MicronJet™ | Delivery Devices Platform

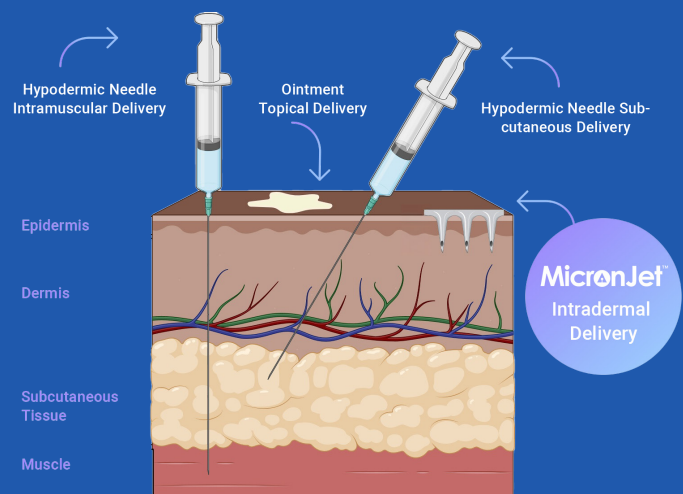
MicronJet™ leverages MEMS technology. Its thick-walled, patent-protected, silicon crystal-made hollow pyramid design enables the generation of elaborate miniature devices with unprecedented mechanical stability and structural precision. Originally developed for effective vaccination, both MicronJet™ 600µm and MicronJet™ 800µm offer significant advantages over different needle types with their high consistency, low leakage rate, and high success rate evaluated by bleb formation. MicronJet™'s microscopic size makes it less intimidating, reduces pain, and therefore is the preferred injection method by patients worldwide.



**The MicronJet™ treatment is incredible!**  
It ensures no bruising, makes injection smooth, even near delicate areas like the eyes and perioral lines.

**Using NanoPass's MicronJet™ speeds up the procedure significantly compared to using a 30G needle, reducing bruising, swelling, and recovery time.**

Dr. Elisabeth Dancey  
Medical Aesthetic Group, London, UK



Source: Expert Opin Drug Deliv. 2023;20(6):799-814.  
doi:10.1080/17425247.2023.2209718



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**Join the Precision Revolution**

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PK\_3150 (Abr) Rev.00

# 80% of Patients Prefer MicronJet™ Over a Standard Needle Injection\*



**Precise and Consistent** - Suitable for Delicate Facial Areas and Full-Face Treatment



**Optimal Safety** - Fixed Penetration Depth and Placement, Minimal Bruising and Downtime



**Higher Efficiency** - Quicker and Easier, with Superior Product Delivery



**Significantly Smaller** than any Standard / Hypodermic Needle



**Virtually Pain-Free** - Less than 1mm in Size, Silicon Crystal Made



**No Preparation Needed** - Forget Topical Anesthetics or Frozen Pads



**User Friendly** - Short Learning Curve for Experienced and Less Experienced Physicians



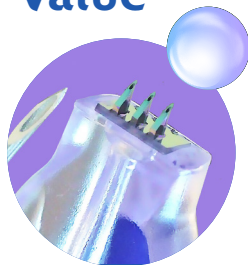
**Cost-Effective** - Streamlined Procedures, Optimal Product Delivery, No Blunting



**Tailored Solutions**

\* Source: <https://www.nanopass.com/publications/>

## A World of Delivery Value



MicronJet™ is suitable to deliver any aesthetic product to be injected into the dermis\*



**Skin boosters**  
Non-cross linked HAs based



**Mesotherapy**



**Polynucleotides**



**Botulinum Toxin**  
Axillary Hyperhidrosis



**PRP**  
Platelet-Rich Plasma

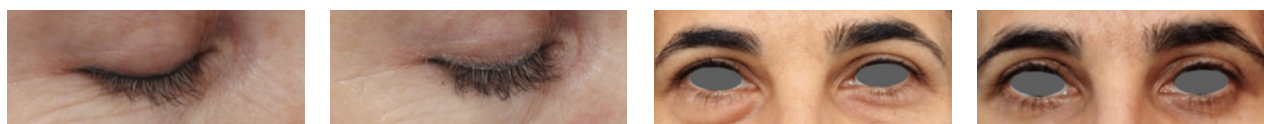


**IPRF**  
Injectable Platelet-Rich Fibrin

\*Local Regulatory Approval Dependent

EYE CONTOUR · PERIORBITAL · PERIORAL · NECK & DECOLLETE · SCALP · FULL FACE

## Confidence Through Evidence



Before and after photographs at baseline (left) and at 90 days (right) showing eyelids wrinkle severity in a representative subject who underwent three monthly intradermal injections using an innovative Intradermal Delivery medical device\*.

\*MicronJet™ 600



Source: Facial rejuvenation using a microneedle-based device with a revitalizing solution and free hyaluronic acid, Roberto Dell'Avanzato MD, Alessandro Gualdi MD, Elena Vescovi MD, Matteo Basso MD, Francesco Marchetti MD, Luciano Lanfranchi MD, Alessio Redaelli MD, Massimo Vitale MD



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**Book a Demo**

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