

## Improving Texture, Elasticity and Fine Lines with MicronJet™ 800 Intradermal Delivery Device

A case study by

Dr. Tahel Altman, Internal Medicine and Medical Aesthetics



### Patient Profile

**Age** 44 **Gender** Woman

**Main Concerns** Under-eye wrinkles

**Medical History & Contraindications** Smoker



### Treatment Goal

Improve poor skin quality in the periorbital area by improving texture, elasticity, and fine lines.



### Treatment Plan

- **Product(s) Used:** Polynucleotides, Plinest® Eye
- **Delivery Method:** MicronJet™ 800
- **Treatment Area:** Periorbital
- **Session:** 2 sessions, 4 weeks interval
- **Why Did You Choose ID Delivery:** Injection of Polynucleotides should be in the dermis



### Procedure Details

#### Dates

29/9/25 and 27/10/25

#### Treatment Duration

15 min

#### Pre-treatment Protocol

Local Lidocaine Cream

#### Immediate Observations

Intradermal Blebs

#### Devices Used

MicronJet™ 800





### Post-Treatment Care

- **Patient Instructions**  
Nothing. Edema is expected.
- **Home Care Products**  
None prescribed
- **Downtime \ Recovery Experience (Blebs Resorption)**  
72 hours
- **Adverse Events (If Any)**  
None

## Results

### Time to Visible Results

After 2 months from (2 treatment sessions) baseline

### Results Summary

Improved texture, reduction of wrinkles

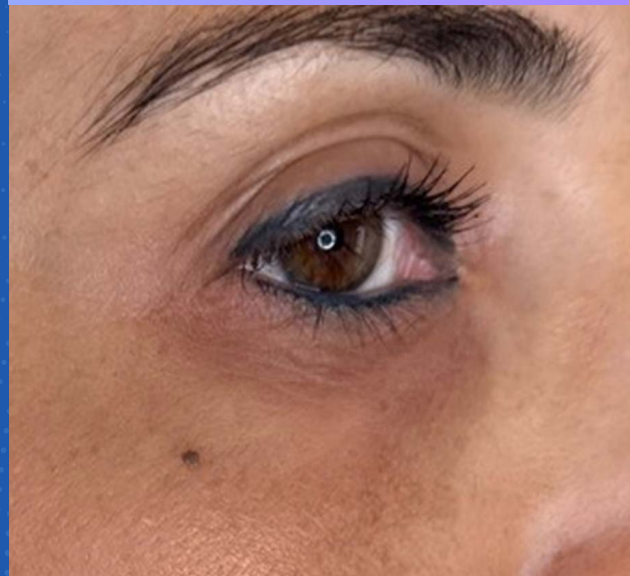
### Patient Satisfaction

Satisfied. No bruise after treatments

Before Treatment 1



After 2 Months  
From the Baseline – Treatment 1



## Conclusion

This case highlights the effectiveness of precise intradermal delivery of polynucleotides to the periorbital area using MicronJet™ 800.

Controlled dermal placement resulted in improved skin texture and reduction of fine wrinkles, with minimal downtime, no bruising, and high patient satisfaction.



## About Dr. Tahel Altman

Dr. Tahel Altman, MD, is a physician specializing in **Internal Medicine** and **Medical Aesthetics**. She holds a medical degree (MD) and completed formal training in internal medicine, alongside advanced diplomas and certifications in aesthetic medicine.

Dr. Altman combines evidence-based clinical practice with modern aesthetic techniques, with a strong focus on safety, precision, and patient-centered care.

In addition to her clinical work, she is actively involved with **AWZ Ventures**, where she contributes her medical and clinical expertise to the evaluation and advancement of innovative healthcare and medical-technology initiatives.

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- \* Please read the IFU before use and for additional information on indications, contraindications, warnings, and precautions.
  - \*\* The use of each substance for intradermal injection must comply with the applicable regulatory approvals and requirements in the respective country or region.
  - \*\*\* Dr. Altman received financial support from NanoPass Technologies for this case study.



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For more information on MicronJet™  
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