

SYNERJET™ Non-Needle Microjet Drug Delivery System. Webinar Summary.

Presented by Dr. Isabella Rosselini*, Aesthetic Physician, Indonesia — precision, needle-free drug delivery for aesthetic practice.

● KEY INSIGHTS

- Three synergistic technologies enhance transdermal delivery with efficiency comparable to needle-free injectors.
- 0.05–2.5mm selectable depth control precisely targets the papillary dermis (0.2–0.4mm) — unlike standard needle injection (0.3–0.6mm), which typically bypasses it
- Needle-Free delivery at up to 500 m/s outpaces nerve pain signaling, with no thermal injury and minimal-to-zero downtime

● HOW SYNERJET™ DELIVERS — THREE SYNERGISTIC ENERGIES



● DEVICE SPECIFICATIONS

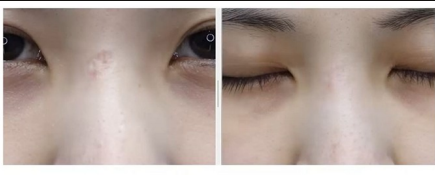
500 m/s	0.05–2.5mm	25 Hz	9,000 (and 15,000 available)
PEAK JET VELOCITY	SELECTABLE DELIVERY DEPTH	MAX. FIRING FREQUENCY	SHOTS PER NOZZLE
up to 100 bar pressure	180µm nozzle (SJN180)	rapid large-area coverage	self-cleaning mode included

● SYNERJET™ vs. MANUAL NEEDLE INJECTION

Parameter	Manual Needle Injection	SYNERJET™
Pain level	Moderate to high	Very low
Distribution	Concentrated bolus	Wide & even mist
Risk of nodules	Higher (clumping)	Very low (dispersion)
Depth uniformity	Irregular (human factor)	100% uniform
Downtime	Bruising likely	Minimal to none
Treatment speed	Slow, point-by-point	Ultra-fast jet
Pigmentation risk	Possible discoloration	No Post-Inflammatory Risk

● CLINICAL RESULTS

Post-Varicella Atrophic Scars



Before / After 1 month

Texture & Static Lines – Forehead area

Before

After



Before / After 1 month

Acne & Textural Scarring — Cheek



Before / After 1 month