



CLINICAL STUDY: SKIN HYDRATION EFFICIENCY

Synerjet (Synerjet) Human Application Test Results Report:
Evaluation of Skin Hydration Imprvement After a Single Synerjet Treatment

Test Institution	Human Dermatology Clinical Trial Center Co., Ltd.
Test Date	May 15, 2025
Evaluation Parameter	Improvement in Skin Hydration
Number of Participants	20 individuals

SKIN HYDRATION:

**MICROJETTING
ONLY**

VS.

SKIN HYDRATION:

**TRIPLE
SYNERGY**

MICROJETTING +
ELECTROPORATION
PLASMA



STUDY DESIGN

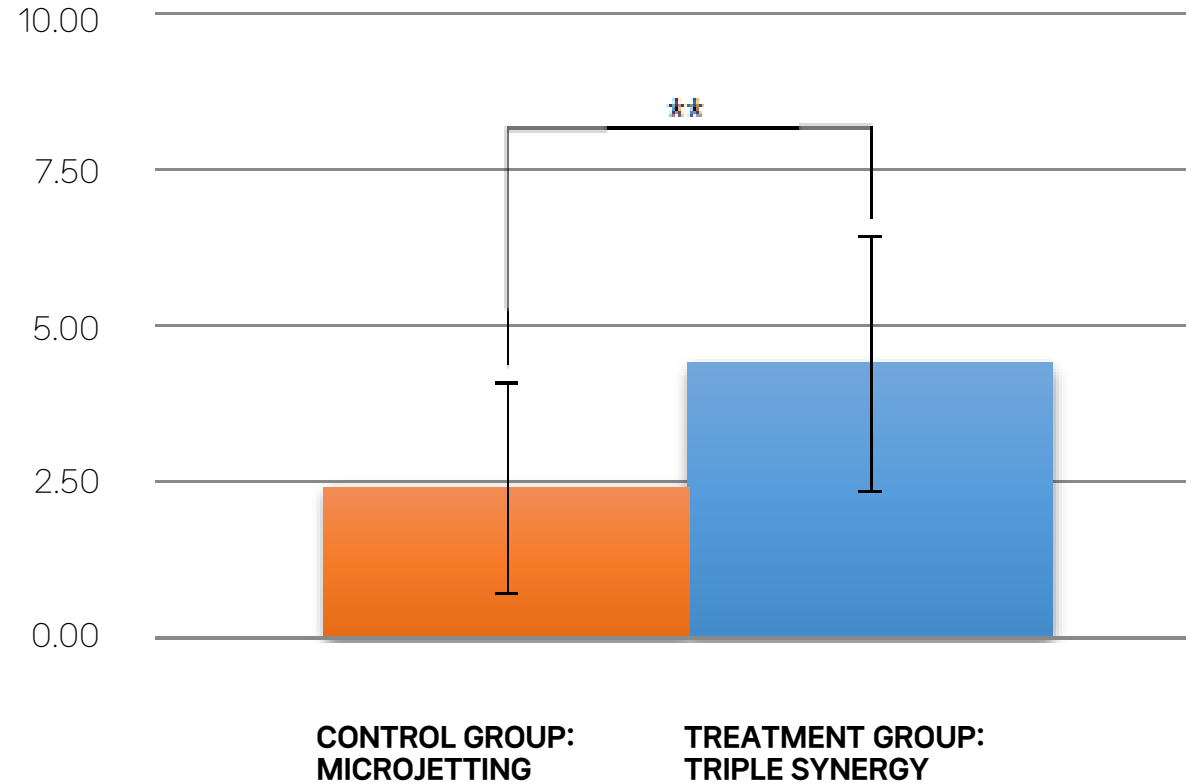
CONTROL	Microjetting Alone
TREATMENT	Triple Synergy (Microjetting + Electroporation + Plasma)
PROTOCOL	PS PLASMA 2 Pass MODE Continuous POWER 2–3 ON Time 0.5 sec Repetition 0.5 sec SJ SYNERJETTING Power 150 Hz 10 Volume 2.0 EP Tip 10 mm EP Level 2–3
PRODUCT	PCL (injectable collagen stimulator Polycaprolactone, GOURI, South Korea)
MEASUREMENTS	Outer skin average moisture retention rate (ε) Inner skin average moisture retention rate (ε)
METHOD	Epsilon E100 (Biox Systems Ltd., England)
SUBJECTS	20 Participants

SIGNIFICANTLY BETTER INNER SKIN HYDRATION IMPROVEMENT

+77%

Inner skin average
**moisture retention rate
increase ($\Delta\varepsilon$)**

Inner skin
average
**moisture
retention
rate change
($\Delta\varepsilon$)**



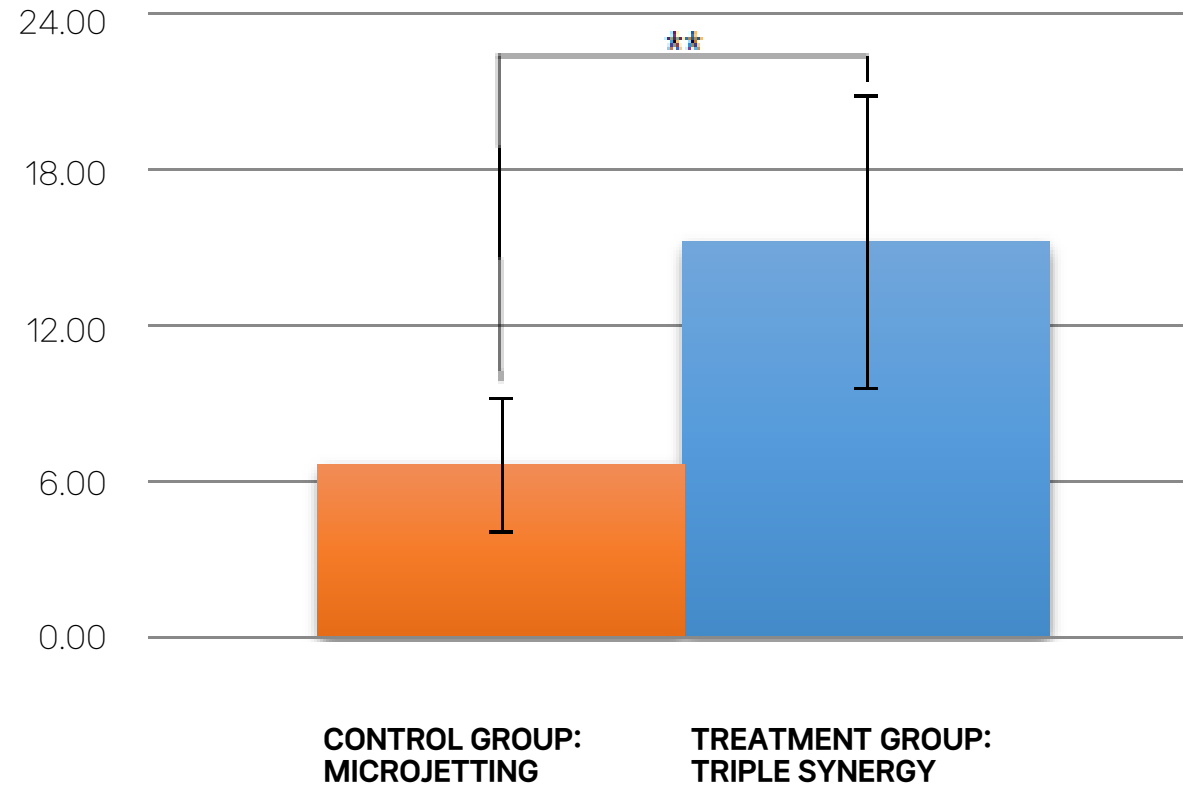
RESULTS

**SIGNIFICANTLY BETTER
OUTER SKIN HYDRATION
IMPROVEMENT**

+134%

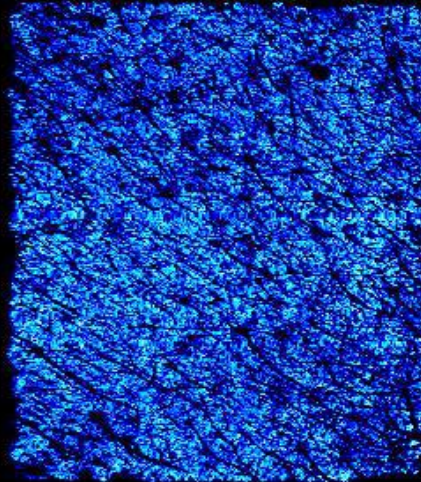
Outer skin average
**moisture retention rate
increase ($\Delta\epsilon$)**

Outer skin
average
**moisture
retention
rate change
($\Delta\epsilon$)**

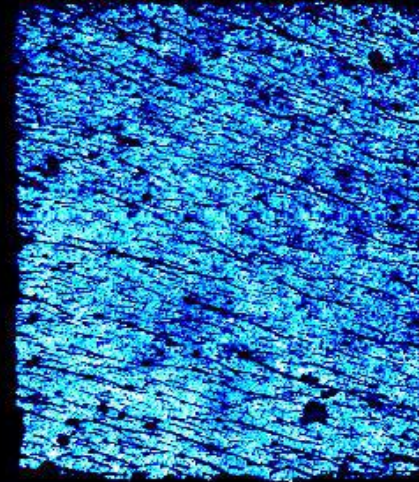


Outer skin
average
**moisture
retention rate
improvement**

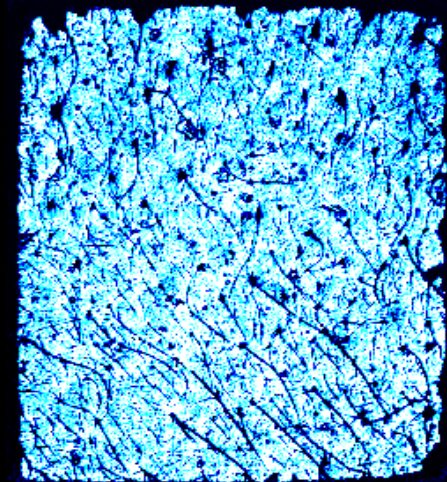
BEFORE



MICROJETTING



TRIPLE SYNERGY



Epsilon E100

Lower Hydration



Higher Hydration

MICROJETTING,
ELECTROPORATION
AND PLASMA

**TRIPLE SYNERGY = 134% AND 77%
BETTER EFFECT**

IN OUTER AND INNER SKIN
HYDRATION IMPROVEMENT
RESPECTIVELY



ADDITIONAL RESULTS

95%

Participants
Satisfied
with Results

SURVEY YES (%)

Absorbed well into the skin	100%
Helped improve skin hydration in the outer layer	95%
Helped improve skin hydration in the deeper layer	95%
Willing to recommend to others	95%
Overall satisfaction	95%

ADDITIONAL RESULTS

	SKIN REACTION	CASES
	Redness	- / 20
NO Adverse Reactions Reported by Participants	Swelling	- / 20
	Scaling (Flakiness)	- / 20
	Itching	- / 20
	Tingling/Pain	- / 20
	Burning Sensation	- / 20
	Tightness	- / 20
	Warm Sensation	- / 20
	Localized Inflammation	- / 20
	Delayed Localized Inflammation	- / 20

ADDITIONAL RESULTS

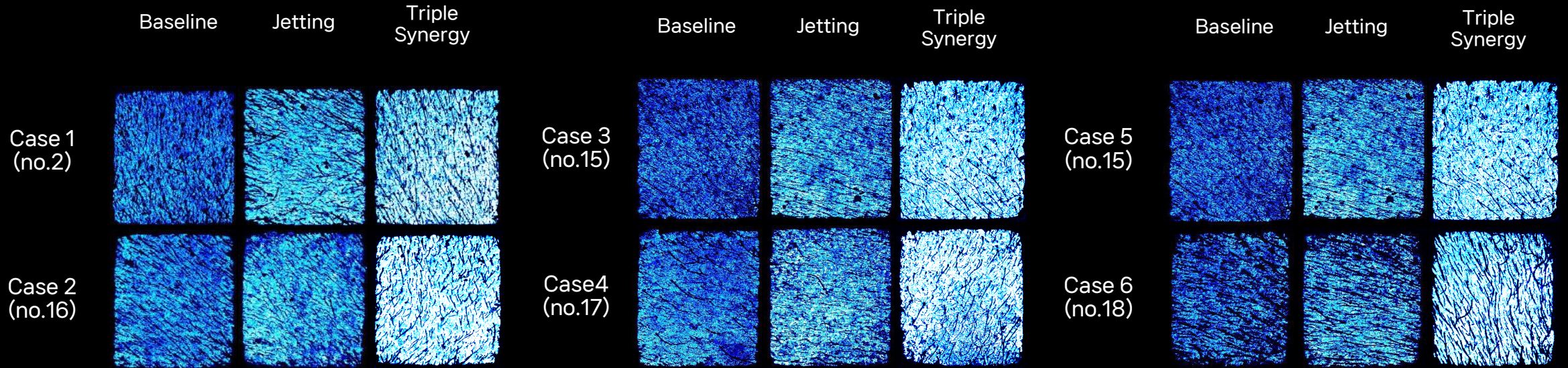
SKIN

Type did not
Impact
Test Results

SKIN TYPE CASES

Dry	7/20
Normal	5/20
Oily	-/20
Combination	8/20

MORE CASES



OUTER SKIN
HYDRATION

Epsilon E100

Lower Hydration



Higher Hydration



THANK YOU

Synerjet (Synerjet) Human Application Test Results Report:
Evaluation of Skin Absorption Efficiency After a Single Synerjet Treatment

Test Institution	Human Dermatology Clinical Trial Center Co., Ltd.
Test Date	May 15, 2025
Evaluation Parameter	Improvement in Skin Absorption
Number of Participants	3 individuals