



# CLINICAL STUDY: SKIN HYDRATION EFFICIENCY

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

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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

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# STUDY DESIGN

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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

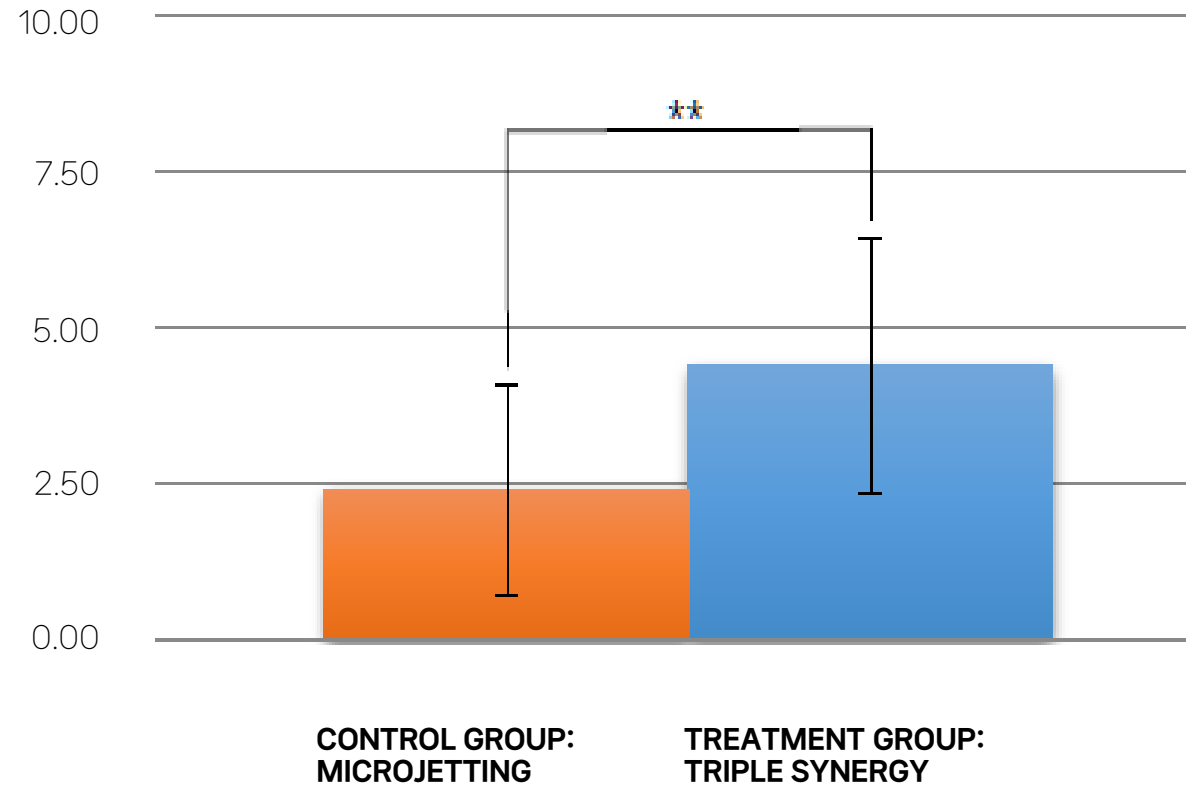
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## SIGNIFICANTLY BETTER INNER SKIN HYDRATION IMPROVEMENT

**+77%**

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

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



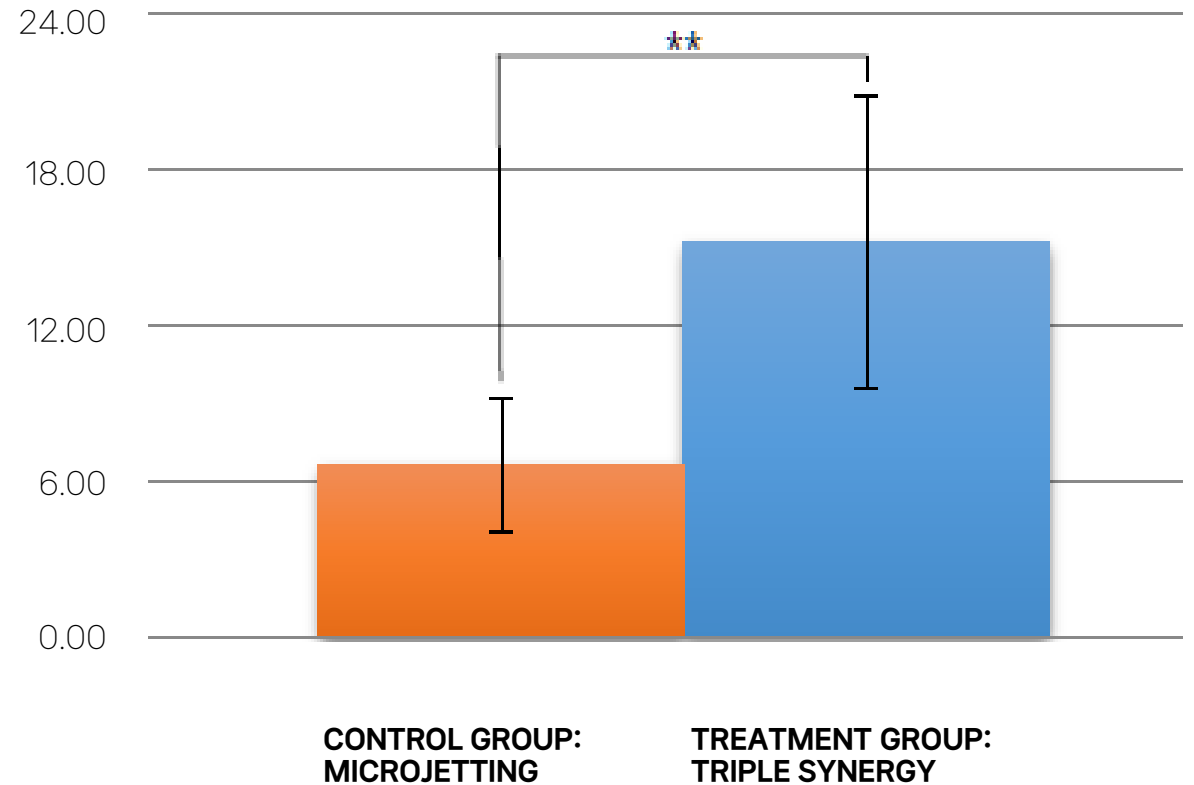
# RESULTS

**SIGNIFICANTLY BETTER  
OUTER SKIN HYDRATION  
IMPROVEMENT**

**+134%**

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

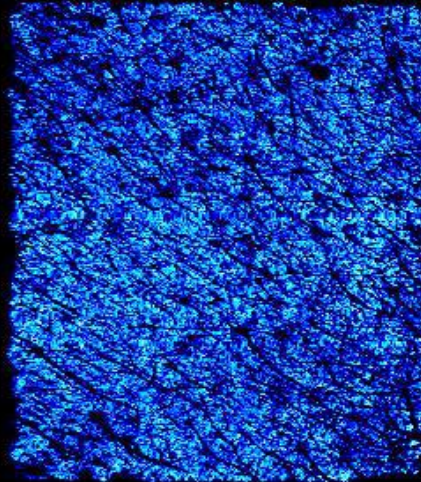
Outer skin  
average  
**moisture  
retention  
rate change  
( $\Delta\epsilon$ )**



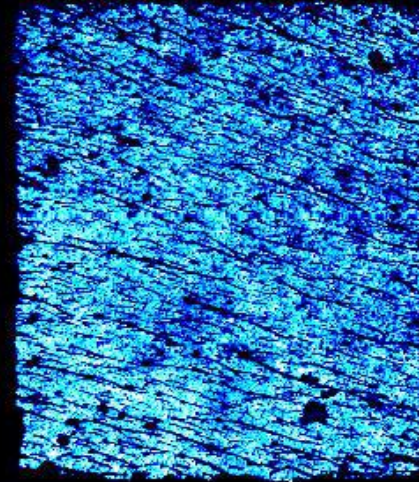


Outer skin  
average  
**moisture  
retention rate  
improvement**

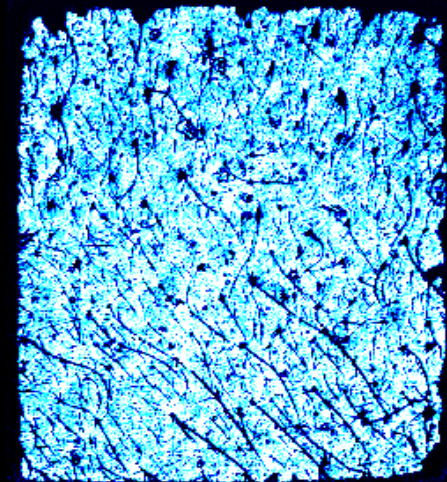
BEFORE



MICROJETTING



TRIPLE SYNERGY



Epsilon E100

**Lower Hydration**



**Higher Hydration**

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MICROJETTING,  
ELECTROPORATION  
AND PLASMA

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

IN OUTER AND INNER SKIN  
HYDRATION IMPROVEMENT  
RESPECTIVELY

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# 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%



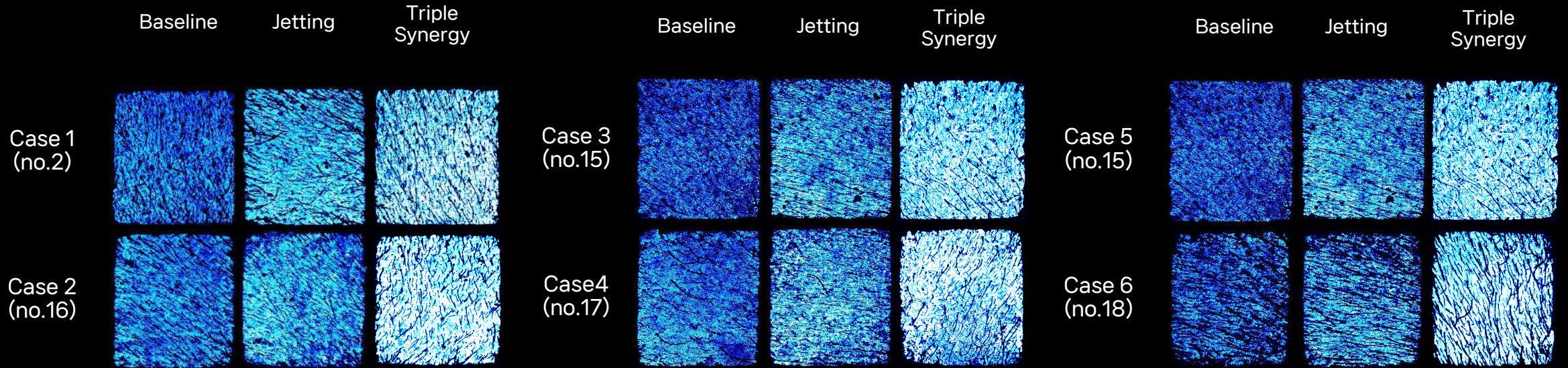
# ADDITIONAL RESULTS

	SKIN REACTION	CASES
	Redness	- / 20
<div>NO</div> <div>Adverse Reactions Reported by Participants</div>	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 CASES	
<div>SKIN</div> <div>Type did not Impact Test Results</div>		<div>Dry 7/20</div> <div>Normal 5/20</div> <div>Oily -/20</div> <div>Combination 8/20</div>

# 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

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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