

# Joyōme® | Clinical Study – Topline Summary



## Clinical Study

An eight-week clinical study was conducted by an outside research center to see how Joyōme’s unique formulas delivered results. Thirty-two women, ages 35 to 65 and of varying ethnicities and skin types, put Joyōme to the test. Changes in skin appearance and texture were measured across several aging indicators including the appearance of fine lines and wrinkles, eye puffiness, skin radiance, clarity, pore size, and more. There were no adverse events or irritation observed on any subject during the study.

**Illuminating Day Serum (AM)**  
**Intensive Overnight Serum (PM)**

### Evaluation of the **Appearance of Global Facial Fine Lines/Wrinkles** – Image Analysis

At baseline and after 1, 4 and 8 weeks of use, a trained technician took digital images of each subject with the Visia CR® imaging system. Using ImagePro® Software, the images were analyzed to determine changes in the appearance of global facial fine lines/wrinkles.

**Global Facial Fine Lines/Wrinkles – Image Analysis**  
**Mean Score S.D., Mean % Change from Baseline**  
**and % of Subjects with Improvement from Baseline**

The following graph presents a summary of the global facial fine lines/wrinkles image analysis. A decrease in the mean score indicates an improvement.



When images taken after 1, 4 and 8 weeks of use were compared with baseline images, there were mean percent improvements of 14.6%, 23.3% and 34.7%, respectively, based on image analysis. The improvements observed were highly significant when compared with baseline. A total of 97%, 88% and 100% of the subjects showed improvement 1, 4 and 8 weeks of product use, respectively.

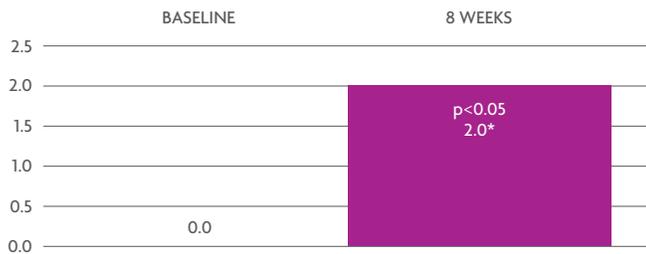
	% of Subjects with Improvement from Baseline
Baseline	-
1 Week	97%
4 Weeks	88%
8 Weeks	100%

## Evaluation of the **Skin Radiance/Luminosity** – Image Analysis

At baseline and after 8 weeks of use, a trained technician took digital images of each subject with the Visia CR® imaging system. Using ImagePro® Software, the images were analyzed to determine changes in the skin radiance/luminosity.

### Skin Radiance/Luminosity – Image Analysis Mean Score S.D., Mean % Change from Baseline and % of Subjects with Improvement from Baseline

The following graph presents a summary of the skin radiance/luminosity image analysis. An increase in the mean score indicates an improvement.



When images taken after 8 weeks of use were compared with baseline images, there was a mean percent improvement of 2.0%, based on image analysis. The improvement observed after 8 weeks was significant when compared with baseline.

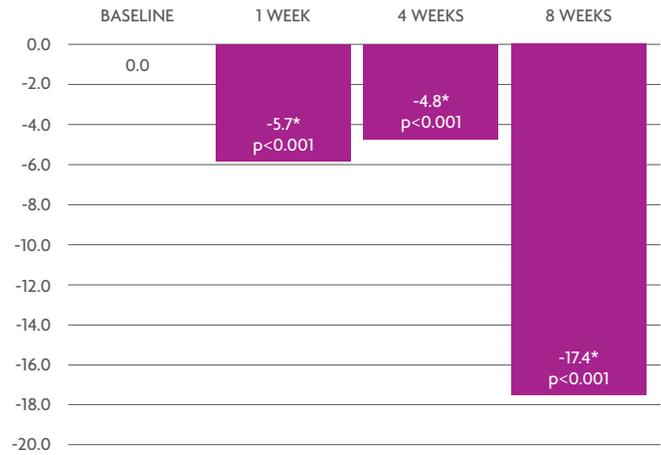
	% of Subjects with Improvement from Baseline
Baseline	-
8 Weeks	78%

## Evaluation of the **Appearance of Facial Pore Size** – Image Analysis

At baseline and after 1, 4 and 8 weeks of use, a trained technician took digital images of each subject with the Visia CR® imaging system. Using ImagePro® Software, the images were analyzed to determine changes in the appearance of pore size.

### Pore Size – Image Analysis Mean Score S.D., Mean % Change from Baseline and % of Subjects with Improvement from Baseline

The following graph presents a summary of the pore size image analysis. A decrease in the mean score indicates an improvement.



When images taken after 1, 4 and 8 weeks of use were compared with baseline images, there were mean percent improvements of 14.6%, 23.3% and 34.7%, respectively, based on image analysis. The improvements observed were highly significant when compared with baseline. A total of 97%, 88% and 100% of the subjects showed improvement 1, 4 and 8 weeks of product use, respectively.

	% of Subjects with Improvement from Baseline
Baseline	-
1 Week	97%
4 Weeks	72%
8 Weeks	97%

## Evaluation of the **Appearance of Under Eye Puffiness** – Technician Evaluation

At baseline and after 1, 4 and 8 weeks of use, a trained technician evaluated the appearance of puffiness at the under eye area of each subject. A decrease in the mean score indicates an improvement. The following graph presents a summary of the under eye puffiness evaluation.

### Under Eye Puffiness – Technician Evaluation Mean Score S.D., Mean % Change from Baseline and % of Subjects with Improvement from Baseline



When measurements taken after 1, 4 and 8 weeks of use were compared with baseline measurements, there was a mean percent improvement of 6.2%, 9.2% or 21.5%, respectively, based on technician evaluation. The improvements observed were significant when compared with baseline. A total of 41%, 53% and 91% of the subjects showed improvement following 1, 4 and 8 weeks of product use, respectively.

	% of Subjects with Improvement from Baseline
Baseline	-
1 Week	41%
4 Weeks	53%
8 Weeks	91%

### Skin Elasticity – Cutometer® R2 Evaluation

At baseline and after 1, 4 and 8 weeks of use, a trained technician took Cutometer® measurements on the face of each subject to determine changes in skin elasticity using the R2 parameter.

#### Skin Elasticity – Cutometer® R2 Evaluation Mean Score S.D., Mean % Change from Baseline and % of Subjects with Improvement from Baseline

The following table presents a summary of the Cutometer® R2 measurements. An increase in the mean score indicates an improvement.



When measurements taken after 1, 4 and 8 weeks of use were compared with baseline measurements, there were mean percent improvements of 22.8%, 13.0% and 25.6%, respectively, based on Cutometer® R2 measurements. The improvements observed were significant when compared with baseline. A total of 88%, 66% and 91% of the subjects showed improvement after 1, 4 and 8 weeks of use, respectively.

	% of Subjects with Improvement from Baseline
Baseline	-
1 Week	88%
4 Weeks	66%
8 Weeks	91%

### Skin Hydration – Corneometer® Evaluation

At baseline, immediately following a single product application and after 1, 4 and 8 weeks of use, a trained technician took Corneometer® measurements on the face of each subject to determine changes in skin hydration

#### Skin Hydration – Corneometer® Evaluation Mean Score S.D., Mean % Change from Baseline and % of Subjects with Improvement from Baseline

The following graph presents a summary of the Corneometer® measurements. An increase in the mean score indicates an improvement.



When measurements taken immediately following a single application and after 1, 4 and 8 weeks of use were compared with baseline measurements, there were mean percent improvements of 97.6%, 129.6%, 90.2% and 128.6%, respectively, based on Corneometer® measurements. The improvements observed were significant when compared with baseline. A total of 100% of the subjects showed improvement immediately following a single use and after 1, 4 and 8 weeks of use.

	% of Subjects with Improvement from Baseline
Baseline	-
Immediate	100%
1 Weeks	100%
4 Weeks	100%
8 Weeks	100%

### Skin Moisture Barrier Function Transepidermal Water Loss (TEWL) – Tewameter® Evaluation

At baseline and after 1 week of use, a trained technician took Tewameter® measurements on the face of each subject to determine changes in skin moisture barrier function (TEWL).

#### Skin Barrier Function (TEWL) – Tewameter® Evaluation Mean Score S.D., Mean % Change from Baseline and % of Subjects with Improvement from Baseline

The following table presents a summary of the Tewameter® measurements. A decrease in the mean score indicates an improvement.



When measurements taken after 1, 4 and 8 weeks of use were compared with baseline measurements, there were mean percent improvements of 13.1%, 22.6% and 35.7%, respectively, based on Tewameter® measurements. The improvements observed were significant when compared with baseline. A total of 100%, 97% and 97% of the subjects showed improvement after 1, 4 and 8 weeks of use, respectively.

	% of Subjects with Improvement from Baseline
Baseline	-
1 Week	100%
4 Weeks	97%
8 Weeks	97%

