

## CONCLUSION

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This third-party professional assessment performed by an independent contract research organization revealed that use of the Galvanic Spa II instrument in conjunction with Tru Face Line Corrector showed faster, more significant improvement on the visual benefits to skin over using Tru Face Line Corrector alone.

# THE EFFECTS OF TRU FACE® LINE CORRECTOR USAGE WITH THE GALVANIC SPA® II INSTRUMENT ON IMPROVING THE APPEARANCE OF FINE LINES/WRINKLES AND TAUTNESS

Summarized from a third-party professional assessment performed according to Good Clinical Practices and the Standard Operating Procedures of the organization.

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## INTRODUCTION

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Like other organs of the body, the physiological functions and structures within the skin continuously decline with advancing age. One of the first visible manifestations of aging skin is the formation of fine lines and wrinkles. This phenomenon has many causes but the biology is primarily a breakdown in collagen. Collagen is the structural protein in skin that provides structure—like scaffolding—and tautness. As individuals age, environmental and mechanical stresses break down collagen at an increased rate and the fibroblasts (specialized skin cells in the dermis that produce skin proteins like collagen) cannot keep up. These cells also naturally slow with age, which decreases the amount of collagen that is produced. The combination of these two factors may cause the skin in many people to essentially cave in—leading to the appearance of lines and wrinkles.

Peptides are small molecules composed of amino acids that have targeted functions and are the way the cells in our body communicate with each other. A pro-collagen peptide has been identified with the sequence Lysine-Threonine-Threonine-Serine that is easily absorbed into the epidermis layers of the skin. This peptide binds to the receptor site on the fibroblast membrane, signaling the fibroblast to begin the synthesis of collagen to help counteract the physiological slowing of collagen production and increased degradation in the epidermis, the outermost layer of skin.

Not only do adequate amounts of collagen give skin a more youthful appearance, but adequate amounts of collagen also contribute to essential skin moisturization. Collagen is surrounded by a gel-like material called the “ground substance” which is composed of moisture binding glycoaminoglycans (GAGs). These GAGs play a critical role in the hydration and moisture level within the skin and enable collagen fibers to retain water and provide moisture to the epidermis. Without GAGs, collagen would resemble an empty net instead of scaffolding. (Increased moisturization can offer additional plumpness and fullness.)

In properly formulated cosmetic products, the delivery of key cosmetic ingredients can be augmented by the use of galvanic current. The use of this safe and gentle current can increase the performance of skin care products. It is also thought to increase the speed of benefits allowing consumers to see visual improvements in their skin within a shorter time when compared to using skin care products alone.



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## CLINICAL STUDY

### Study Objective

To evaluate the potential benefits of using Tru Face Line Corrector with the Galvanic Spa II instrument.

### Study Procedure

In a controlled clinical usage study conducted by an independent clinical research organization, the benefits of using Tru Face Line Corrector with the Galvanic Spa II instrument were investigated over an eight-week period. A total of 40 female subjects, ages 35+, representing all Fitzpatrick skin types, participated in the study. Subjects were evaluated at baseline and weeks 2, 4, and 8. Dermatological evaluations and subject self-assessment questionnaires included evaluation parameters for fine lines/wrinkles around the eye area.

Subjects applied Tru Face Line Corrector to the entire face twice daily. Each subject was instructed to use the Galvanic Spa instrument in the eye area on only one (randomized) side of their face for five minutes in the evening. Visual grading was completed for each subject at baseline and weeks 2, 4, and 8 by a board certified dermatologist. Each subject also completed a self-assessment questionnaire.

### Study Results

92.5% of participants saw an improvement in their skin radiance and moisturization from using Tru Face Line Corrector in combination with the Galvanic Spa II instrument for eight weeks rather than just using Tru Face Line Corrector on its own.

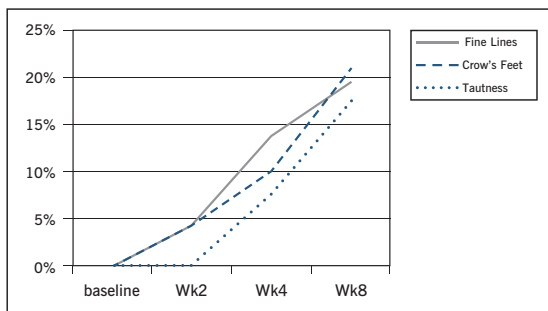
#### PERCENT OF INDIVIDUALS SEEING IMPROVEMENTS IN SKIN RADIANCE AND MOISTURIZATION AFTER EIGHT WEEKS

Tru Face Line Corrector w/Galvanic Spa II	92.5%
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Dermatological grading showed greater benefits on the appearance of fine lines, crow's feet, and tautness when using the Galvanic Spa II in conjunction with Tru Face Line Corrector over using Tru Face Line Corrector alone. These visual benefits became greater as the study progressed. In fact, using the Galvanic Spa instrument with Tru Face Line Corrector improved the appearance of the following key areas over using Tru Face Line Corrector alone by the percentages indicated below:

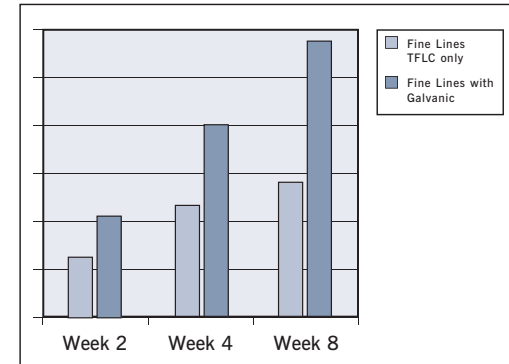
- Fine Lines—20%
- Crow's Feet—21%
- Tautness—17%

#### PERCENTAGE OF IMPROVEMENT USING TRU FACE LINE CORRECTOR WITH GALVANIC SPA II DETERMINED THROUGH DERMATOLOGICAL GRADING

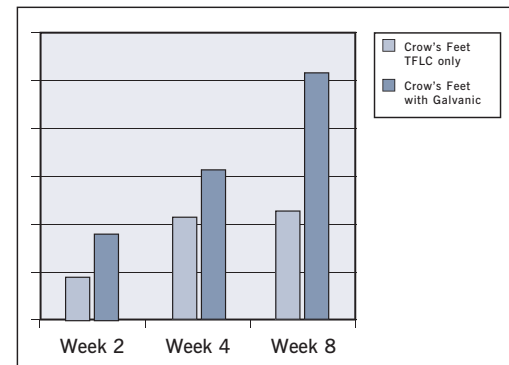


Not only did the combined usage of Tru Face Line Corrector and the Galvanic Spa instrument improve the overall appearance of these characteristics, it also increased the speed of Tru Face Line Corrector's effects on the appearance of fine lines, crow's feet, and tautness.

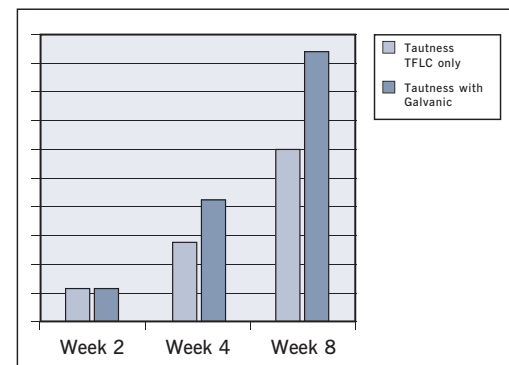
#### IMPROVEMENTS IN APPEARANCE FROM USING TRU FACE LINE CORRECTOR VS. TRU FACE LINE CORRECTOR WITH GALVANIC SPA II DETERMINED BY DERMATOLOGICAL GRADING



When using the combination of the product and Galvanic Spa instrument, the results on the appearance of fine lines after four weeks are better than the results of Tru Face Line Corrector alone on the appearance of fine lines after eight weeks.



When using the combination of product and the Galvanic Spa instrument, the results on the appearance of crow's feet after four weeks are better than the results of Tru Face Line Corrector alone on the appearance of crow's feet at eight weeks.



The results on perceived visual tautness also show a speed to benefit when using product with the Galvanic Spa instrument over using Tru Face Line Corrector alone.