

Mebius Pharmaceutical Co.,Ltd, kagami power serum

## **The improvement effect of wrinkles of the stem cell serum which mixes 10 kinds of peptide**

### ABSTRACT

#### Objective

The purpose of this study was to verify the positive effect of a cosmeceutical product, 'kagami power serum', particularly on general skin condition for improvement of wrinkles ie) crow's feet.

#### Methods

Had females at their age from 35 to 56 y.o. categorized in wrinkle grade 1-3 apply the product to one side of their faces every day and night for 4 weeks, for comparison with the other side of their faces without the product application, observing changes in their skin condition before and after the 4-week trial.

For the evaluation of results, we set the criteria for measurement of general skin condition (7 items in total: wrinkle grade, visible spots, hidden spots, amount of meranin, moisture level, skin age and apparent age) as the primary outcomes, and subjective report (on 6 items in total: wrinkle, visible spots, moisture, dullness/brightness, resilience and makeup adhesion) as the secondary outcome.

#### Result

Total of 19 subjects completed the trial as the FAS.

For wrinkle grade and moisture level, there were significant improvements observed in comparison between before and after the 4-week usage on test side of their faces, and between test side and non-test side of their

faces as well. For visible spot, amount of melanin, moisture level and skin age, significant improvements were observed in comparison with non-test side of their faces, and apparent age in particular between before and after the 4 weeks. For scores in subjective report, there were significant improvements in all 6 criteria in both comparisons between before and after the 4 weeks and between test side and non-test side of their faces. As a result the study, those outcomes together suggested that the test product had an effect on improvement of skin condition ie) wrinkles known as crow's feet.

### Conclusion

The product, 'kagami power serum' is proven to be effective in improvement of wrinkles such as crow's feet, as well as visible spots, amount of melanin, moisture level, skin age, apparent age and subjective evaluation. In addition, there had been no adverse event reported through the whole test period.