

## Residual Makeup Analysis

External Study by Zoe Diana Draelos, MD, Clinical Associate Professor, Department of Dermatology, Wake Forest University School of Medicine, Winston-Salem, NC and Dermatology Consulting Services, High Point, NC



### Objective

The objective of this study was to assess the efficacy of a sonic skin care brush (the CLARISONIC® Skin Care Brush) compared to over-the-counter facial cleansers.

### Methods

In an external study, the amount of makeup remaining after cleansing with the CLARISONIC and different over-the-counter cleansers (e.g., liquid cleanser, bar soap, daily facial scrub and facial cloth embedded with cleanser) was examined. Participants made 4 consecutive visits to the study site. On each day equal amounts of makeup were applied to both cheeks. One cheek was cleansed with the moistened CLARISONIC and water while the other cheek was cleansed by hand with a cleansing product and water. After cleansing and rinsing in an equivalent fashion, the remaining makeup was collected by rubbing the "clean" area with a makeup sponge dampened with alcohol. Less makeup on the sponge means cleaner skin.

### Conclusions

- In this study CLARISONIC was used to cleanse without the addition of cleanser; yet CLARISONIC, with only water, was found more effective at cleansing than 3 over-the-counter cleansers (liquid cleanser, bar soap, and a daily facial scrub). Additionally, CLARISONIC with water alone cleansed equally as well as or better than the facial cloth with embedded cleanser.
- In those participants with facial dermatoglyphics (e.g., acne scars) the CLARISONIC was superior to any of the products tested (including the cleanser-facial cloth) at removing makeup deep within the scars.
- As a result of this study, a recent article was published by the researcher entitled "Reexamining Methods of Facial Cleansing". In this article a new category for facial cleansing was cited...the Sonic Skin Care Brush. Details of the study are described in this article.



Dark makeup was applied to subject's face. One side was cleansed with the moistened CLARISONIC and water, the other side cleansed with a daily facial scrub. Residual makeup remaining after cleansing was removed with an alcohol-soaked sponge, and the sponge was photographed. CLARISONIC was more effective than a daily facial scrub (representative example shown).