

BLEMISH + AGE DEFENSE

As effective as Tretinoin, the leading prescription drug for signs of aging, with significantly better results in three key attributes

OBJECTIVE

To evaluate the efficacy of SkinCeuticals Blemish + Age Defense (OTC serum containing 1.5% salicylic acid, 3.5% glycolic acid, 2% dioic acid, and 0.3% capryloyl salicylic acid) vs. Tretinoin (0.025% prescription drug) for the treatment of signs of aging in subjects experiencing adult acne.

METHODOLOGY

A single-center, split-face, double-blind, 8-week clinical trial of 30 subjects was conducted by a board-certified dermatologist.

Evaluation methods included nine-scale clinical grading for facial attributes, counting of acne lesions, subjective and objective evaluation of tolerance, and consumer self-assessment.

Primary Inclusion Criteria

- 35+ years old
- Males and females with mild to moderate signs of aging

Secondary Inclusion Criteria

- Mild to moderate acne (at least 4 inflammatory lesions and 7 non-inflammatory lesions on each side of the face, no cysts)

Exclusion Criteria

- Available upon request

Washout period: 7 days



PROTOCOL

Twice daily, subjects applied Blemish + Age Defense to one side of the face and Tretinoin to the other side. The supporting regimen was limited to a basic cleanser (Simply Clean), sunscreen (Ultimate UV Defense SPF 30), and moisturizer (Daily Moisture) to effectively evaluate the efficacy of the test products alone.

RESULTS

Blemish + Age Defense was statistically better than Tretinoin at improving skin tone (weeks 1, 4, and 8) and blotchiness (weeks 4 and 8) and reducing total lesions (weeks 1 and 8). Blemish + Age Defense and Tretinoin show equal statistically significant improvement in all other signs of aging and acne.

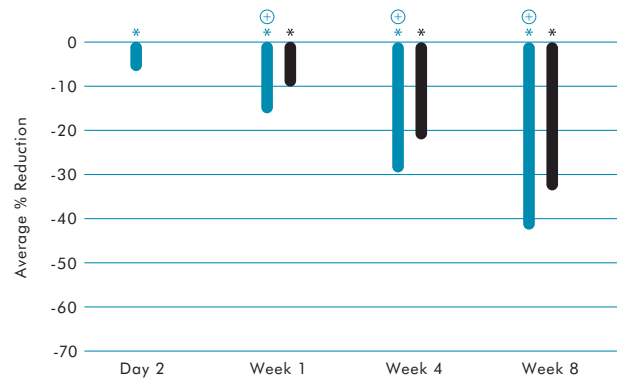
Both products were well tolerated. No adverse events occurred.

 Blemish + Age Defense®
 0.025% Tretinoin

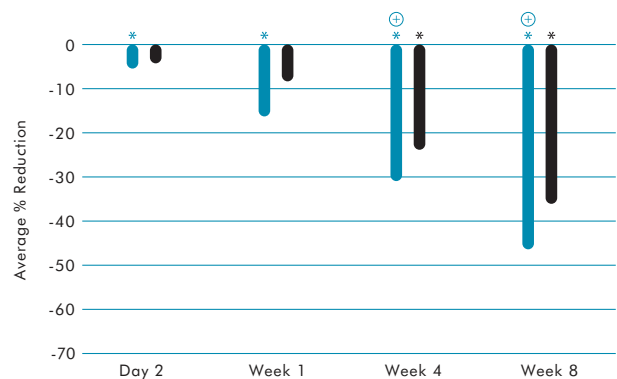
* Statistically significant improvement

⊕ Statistically better than 0.025% Tretinoin

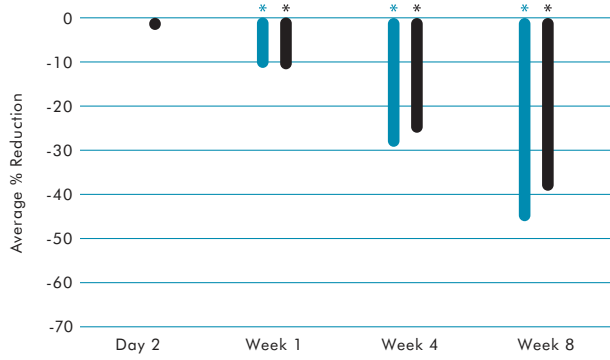
SKIN TONE (CLARITY)



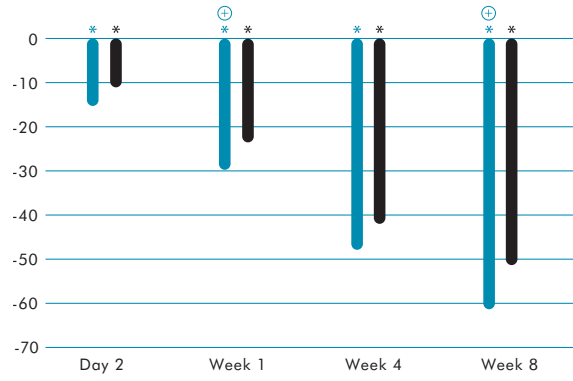
BLOTCHINESS



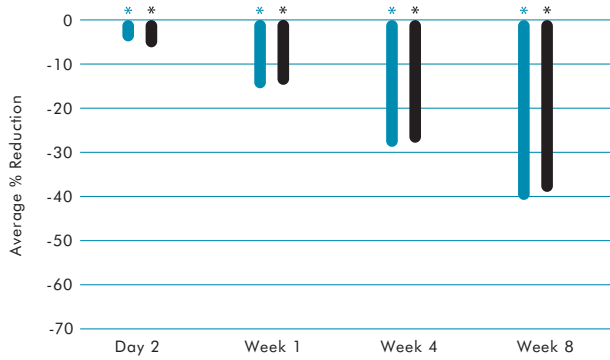
ROUGHNESS



TOTAL LESIONS



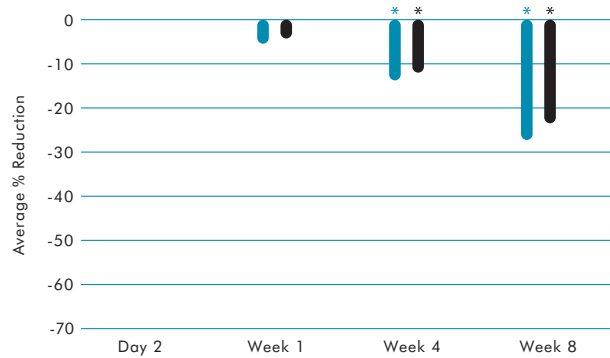
DULLNESS



CONCLUSION

Blemish + Age Defense is shown to be statistically better than Tretinoin in improving skin tone (weeks 1, 4, and 8) and blotchiness (weeks 4 and 8) and in reducing total lesions (weeks 1 and 8). Blemish + Age Defense is equally as effective as Tretinoin in improving all other signs of aging and acne. At no point during the 8 weeks did Tretinoin statistically outperform Blemish + Age Defense.

FINE LINES



CLOGGED PORES

