

A Holistic Approach to Acne Treatment

Acne vulgaris is a multi-factorial skin disease, characterized by proliferation of bacteria, hyperkeratinization, inflammation, and excess sebum production. Acne sufferers want to address all aspects of their acne, including the disease state of the lesions and cosmetic complexion issues, such as post-inflammatory hyperpigmentation and scarring. Treatment outcomes depend on adherence to a prescribed regimen and barriers to treatment are numerous, most notably cost and accessibility.



40% of acne sufferers face barriers to treatment¹



35% are deterred by cost of treatment²



27% don't fill all of their prescriptions³



29% prefer an OTC acne treatment¹

Acne can have severely detrimental effects on quality of life, leading to low self-esteem, anxiety and depression.^{4,5} OTC acne treatments, when used as directed, provide an effective, convenient alternative treatment or bridge to prescription therapy for a holistic approach to improve both acne and complexion concerns and help improve patient quality of life.

New Pivotal Study

OTC BPO + RETINOL FOR MILD TO MODERATE ACNE Clinically shown to improve acne, overall skin appearance and complexion.⁶

A Topical Combination Regimen of Benzoyl Peroxide and Retinol Moisturizer for Mild to Moderate Acne. Published in Journal of Drugs in Dermatology, December 2022

Purpose Evaluate the clinical efficacy and tolerance of a daily regimen of 2.5% BPO to target bacteria, and a stabilized cosmetic retinol to promote surface cell turnover on subjects with mild to moderate facial acne.

Design 12-week multi-center, evaluator-blind clinical trial of 33 male and female subjects aged 12-29 with mild to moderate acne and a Fitzpatrick skin type of I-V.

Results

At Week 12:



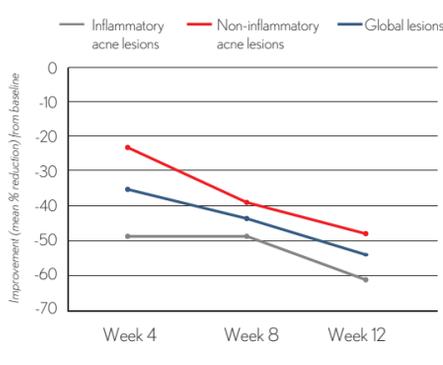
54% reduction in global lesions*



44% improvement in acne severity**

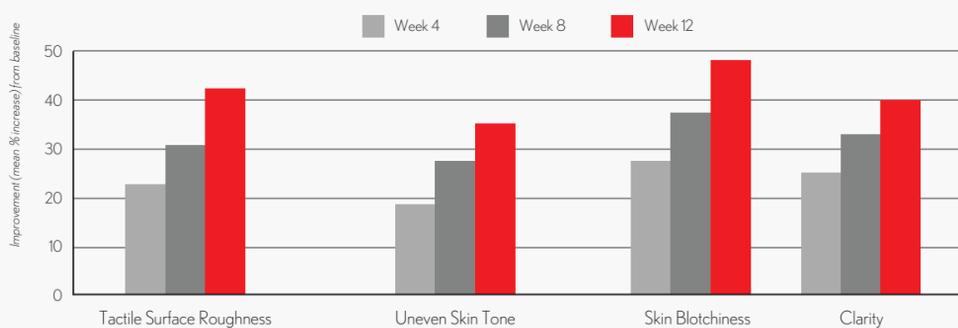
**P<0.01

Acne count: Reduction from baseline



*P<0.05

Investigator-Graded Complexion Efficacy



With continued use:*



100% had clearer skin



91% had reduction in red, inflamed acne



88% had reduction in uneven tone



88% had improvement in blotchiness

*Investigator grading of skin benefits at 12 weeks

Baseline responses to quality-of-life questions indicated feelings of poor self-regard, humiliation and discouragement, and fear of interactions with other people. Significant improvements in quality of life measures were observed at all timepoints.

At Week 8:



77% reported Mood Improvement



79% reported Psychological Improvement



73% reported Social Improvement

Conclusion:

The combination of a morning low-dose BPO acne treatment and a nighttime stabilized cosmetic retinol product were well-tolerated and highly effective in reducing acne, improving skin complexion parameters, improving self-assessment evaluations, and increasing quality of life parameters in adolescent and younger adults with mild to moderate acne.

This offers patients an OTC option for addressing the acne lesions along with complexion endpoints (pigmentation, redness, overall complexion evenness) while being well tolerated.

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