

KLERESCA® BIOPHOTONIC THERAPY WITH FLUORESCENT LIGHT ENERGY DECREASES FACIAL ERYTHEMA, IMPROVES SIGNS AND SYMPTOMS OF ROSACEA, AND INCREASES PATIENT SATISFACTION: A POSTMARKET STUDY

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INTRODUCTION

In this post-market study, 9 patients with rosacea (7 females and 2 males; mean age 36) were treated once a week for 4 weeks with Kleresca® Fluorescence Light Energy (FLE). To evaluate the efficacy of FLE and to understand the patient and clinician perceptions on this rosacea treatment and its effects, specific questionnaires have been used. For patient image analysis, Visia® photos calculate the redness pixels frequency distribution.

RESULTS

- There was a significant reduction in the overall facial redness, most notable in the follow-up phase of the study.
- Practitioners and patients reported significant effects noted in redness, telangiectasia, burning and stinging, and papules and pustules (Fig. 1).

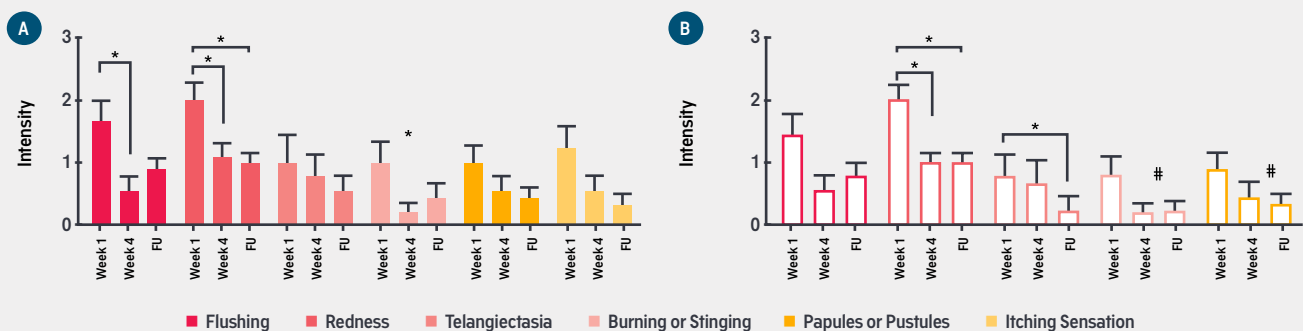


Fig. 1. Mean values for rosacea signs and symptoms of flushing, redness, telangiectasia, burning/stinging, papules or pustules and itching sensation assessed by patients (A) and practitioner (B).

- FLE significantly improved the patients' satisfaction with their facial appearance and decreased their concerns about other people jumping to conclusions about their facial redness according to the questionnaires (Fig. 2).



Fig. 2. The impact of rosacea on patients, comparing Week 1 to Week 4 and the follow-up period.

CONCLUSIONS

Following only 3 treatments, patients reported a significant improvement in how the condition affected them. Kleresca FLE treatment can be considered a new approach to rosacea. FLE targets the inflammatory erythematous reaction of rosacea. Indeed, this treatment improves the overall appearance of the skin and positively affects patients' psychological wellbeing.

For more information and data, visit the original [publication](#).