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Biophotonic therapy in acne treatments (book chapter in 'Acne: new therapies and cosmetic treatments')

CARRASCO & JIMÉNEZ, 2018

ABSTRACT

Fluorescent Light Energy (FLE) therapy is a new, non-invasive technology that has been successful in treating inflammatory acne due to its high safety and efficacy profile. Hence, the use of low intensity fluorescence generated by chromophores has been proposed as an innovative therapeutic tool against acne and its sequelae.

CLINIC EXPERIENCE

Being a new treatment, patients have most likely used other acne treatments before (Fig. 1)

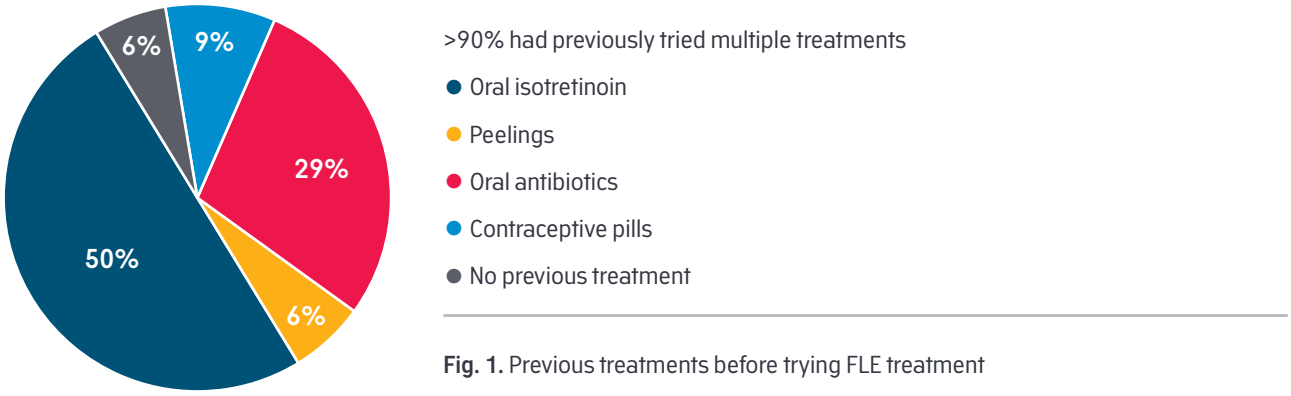

Fig. 1. Previous treatments before trying FLE treatment

EFFICACY AND PATIENT SATISFACTION

>87% IMPROVEMENT

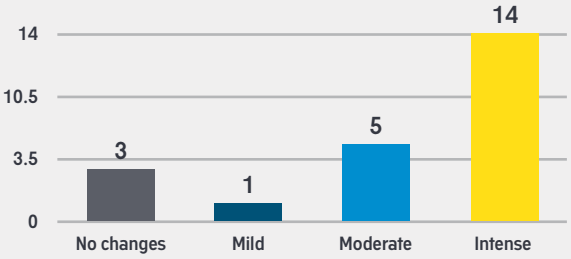

Fig. 2. Efficacy data, 20 cases observing an improvement

HIGH PATIENT SATISFACTION

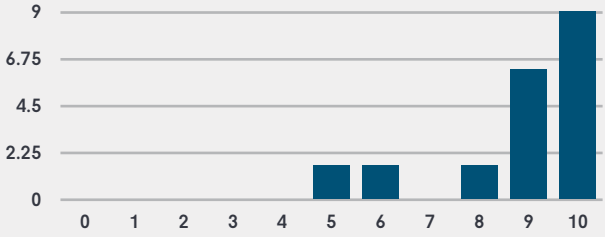

Fig. 3. Patient satisfaction with the FLE treatment, Average 8,65/10 (0=highly unsatisfied; 10= highly satisfied)

RELEVANT INFORMATION

- The FLE therapy is based on the ability of the fluorescence to regulate the cellular activity.
- The technology allows us to treat the active acne while correcting the existing acne scars and preventing the possible future ones.
- We can treat groups that do not want, or are not allowed, to receive oral treatments or more aggressive topical therapies.
- Results are stable over time and the technology represents a real therapy that is different from current acne treatments.

Carrasco & Jiménez. Chapter 4 in López Estebaranz, 2018 Acné: Novedades terapéuticas y tratamientos cosméticos. Grupo Aula Médica, S.L., 2018