

# IPL + LLLT

## Dual Therapy for Dry Eye & MGD

NEW

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*Eye-light has been the best thing we have done for our practice in the last 20 years. I used to dread hearing from patients that they had dry eyes. Now I have a way to treat their dry eyes and it has made an amazing difference. We are treating up to 12 patients a day and getting amazing results. We have been treating patients with MGD, rosacea, blepharitis, styes, and chalazia. We have also used lower level light therapy for some of our patients with facial acne and wrinkles. Our staff love using it because it is easy to use and the patients tell them how great they feel.*

**Dr. Bruce Butts, O.D.**

—”—



**Next Generation IPL with algorithms  
to optimize ophthalmic treatment levels**

\*\*\*No Gel Required\*\*\*

**Advanced LLLT Photobiomodulation  
Augments Efficacy**

\*\*\*Safe For All Patients\*\*\*



**Together They Provide Unparalleled Synergistic  
Treatment Effects**

# OPE® : OPTIMAL POWER ENERGY

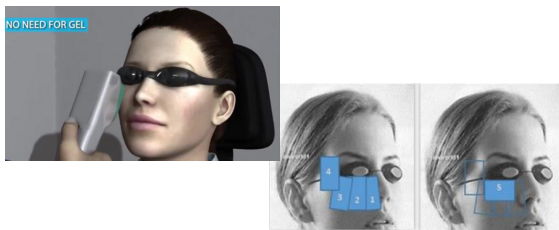
## The Next Generation IPL

OPE® is a Patented broad light spectrum technology that excludes all emissions which are not relevant to the treatment. It is based on a highly customizable technology, capable of optimizing the stimulation and regeneration of tissues.

“*Its a technology in which wavelengths and energy of the emitted light are exploited at 100% in respect of the metabolism of cells exposed to it. The absence of contact surfaces has raised considerably the safety margins for the Patient.*”

Paolo Mezzana, MD Specialist in Plastic, Reconstructive and Aesthetic Surgery (Rome, Italy) Lecturer at the Department of Biomedical Studies, University of San Marino

The interaction of OPE® (IPL) technology with tissue is essentially thermal, and thanks to the embedded management software, allows to optimize heat emission, stimulating the Meibomian glands to resume normal functionality.

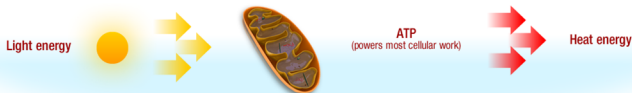


- ✓ **No Gel Is Required** due to the patented and unique cooling module
- ✓ **Optimal Ophthalmic Treatment Parameters Recommended By OPE Algorithm** for safe effective treatments
- ✓ **Upgradable Firmware** to always keep up to date
- ✓ **Expanded Treatment Head** – up to 3X more coverage than other IPLs
- ✓ **Neurotransmitter Stimulation** to solicit increased gland production

# LIGHT MODULATION® - LLLT

## Impressive New Therapy

LIGHT MODULATION® directly treats the Meibomian glands, triggering an endogenous heating of both eyelids. This patented photobiomodulation technology triggers cell ATP production to help repair and reinvigorate palpebral glands. Thanks to the spectral emission of Diode matrix, the tear lipid layer is increased and stabilized.



\*Light modulation® / LLLT - allows for direct treatment of glands

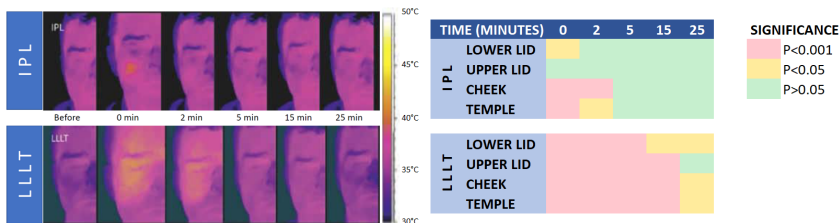
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This LLLT technology is extremely impressive. It's the best kept secret in dry eye disease! We are doing about 8-12 procedures a day with multiple masks. It works exceptionally well on conditions such as Chalazia or demodex blepharitis/rosacea etc. Also very promising for MGD/DED as we're seeing exceptional results in patients with DED/MGD.

Dr. Paul Karpecki, O.D., FAAO

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The photobiomodulation of Eye-Light's LLLT treatment has been shown to stimulate cellular activity that results in endogenous therapeutic effect extending for 25 minutes\*



\*Pult, H. Messung der Hauttemperatur nach Intense Pulse Light (IPL)-Anwendung sowie Low-Level-Light-Therapie (LLL), die KONTAKTLINSE 4/2020.

# Expanded Treatment Opportunities

## With Eye-Light



**BLUE LIGHT:** Purification action. Thanks to its properties, the blue light is recognized to be the ideal wavelength to solicit porphyrins to obtain a bacteriostatic effect with a consequent elimination of bacteria that contributes to acne formation.



**RED LIGHT:** Stimulates production of collagen and elastin. Through the EYE-LIGHT® technology, the red light is absorbed by mitochondria and stimulates ATP increasing thus cellular action, enhancing its activity.



**YELLOW LIGHT:** Specific action on the lymphatic system. The EYE-LIGHT® yellow light stimulates cell's metabolism promoting a de-toxifying action to relief swelling conditions.

## CHALAZIA

Surgical intervention can be avoided in most cases of recalcitrant chalazia. A US study showed that 92% of eyes with recalcitrant chalazia resolved after 2 LLLT treatments.<sup>1</sup>



## BLEPHARITIS

Chronic Blepharitis - At one month of therapy the patient reports a significant subjective improvement. Under slit-lamp examination, there is still a reduced lacrimal meniscus, while no blepharitis and conjunctival hyperemia are detected with dry spots; the number of obstructed Meibomian glands has also been reduced.<sup>2</sup>

## DEMODEX

Combination therapy of the Blue and Red LLLT masks can be effective against DEMODEX. The blue light stimulates porphyrins and creates an anti-bacterial action. The red light stimulates ATP by increasing and improving cellular activity, it reduces inflammation and edema and works on Meibomian glands.

1. Stonecipher K, Petvin R. Low level light therapy for the treatment of recalcitrant chalazia: a sample case summary. Clin Ophthalmol. 2019;13:1727-1733.

2. Verbelli M, Bottoni A, Buratto L. Dry eye in patient with clinical history of chronic blepharitis and chalaziosis: Observation and anamnesis Eye Doctor 2018; 2: 4-6

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