

EYE-LIGHT®

AND YOU ARE THE DRY-EYE SPECIALIST

Synergic treatments

OPE® + LIGHT MODULATION®



**TWO PATENTED
TECHNOLOGIES**

SINCE 1981



Espansione Group

*THE SOLUTION FOR DRY EYE DISEASE
... AND MORE*

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0476

EYE-LIGHT®

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LIGHT MODULATION® / LLLT – LOW LEVEL LIGHT THERAPY

The beneficial effects of LLLT in medicine are widely recognized by Physicians and Surgeons: treating certain types of skin cancer, vitiligo, regeneration of gum tissue, etc. To be effective, the emission of light requires a specific wavelength and a proper distance in order to obtain a deep impact on the treated tissue. Cells absorb light photons and transform their energy into bio-chemical energy producing this way the metabolic processes required to repair and regenerate cells.

- ✓ LIGHT MODULATION® is a Patented photobiomodulation (PBM) technology, a **strong metabolic enhancer** that stimulates the production of ATP (Adenosine Triphosphate) to increase cellular action and emphasize cells activities.
- ✓ The LED emitting matrix **trigger eyelids endogenous heat, directly** stimulating the normalization of glands and supporting the thermal impact of the OPE® technology action.

OPE® OPTIMAL POWER ENERGY / 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.

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

- ✓ Thanks to the **patented** and unique cooling module, the **use of gel is not required**.
- ✓ A highly **intuitive software** allows the Operator to work at best and safely since the very first treatment, with automatic power adjustment and duration of each light impulse.
- ✓ **Largest treatment spot available** on the market: around 12 cm², up to **three times** over competition.

«WHY OPE® TECHNOLOGY IS BETTER THAN PULSED LIGHT TECHNOLOGY IPL ?»

“It is a technology in which wavelengths and energy of the emitted light are exploited at 100% in respect of 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)

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University Teacher Foundation Fatebenefratelli (Rome, Italy)

Member of the American Society for Lasers in Medicine and Surgery - R&D International Society of Cosmetic Dermatology



EXCLUSIVE AND PATENTED TECHNOLOGIES TO OPTIMIZE THE ENERGY OF LIGHT AND HEAT

EYE-LIGHT®

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The equipment treats the Meibomian glands of upper and lower eyelids with direct and indirect application of the two exclusive technologies.

- ✓ **LIGHT MODULATION®** treats directly the Meibomian glands inducing endogenous heat of both eyelids, increasing and stabilizing thus tear lipid layer.
- ✓ **OPE®** applied on periorbital and cheekbone areas, triggers stimulation of neurotransmitters. These solicit the Meibomian glands to produce, contracting, a higher secretion; the natural lipid flow increases reducing evaporation of tears.



DRY-EYE



**AESTHETIC
MEDICINE**



**OPHTHALMIC
TREATMENTS**



CE 0476

**MEDICAL FOR
OPHTHALMIC AND
DERMATOLOGICAL
APPLICATIONS**

FDA

**APPROVED FOR
DERMATOLOGICAL
APPLICATIONS**



AND YOU ARE THE DRY-EYE SPECIALIST

UNIQUE

- TWO TECHNOLOGIES WORKING IN SYNERGY FOR OPTIMAL RESULTS: MEIBOMIAN GLAND'S DIRECT AND INDIRECT TREATMENTS

SAFE

- PATENTED TECHNOLOGIES USED IN MEDICINE AND SURGERY SINCE YEARS
- **MEDICAL CE** CERTIFICATION FOR OPHTHALMOLOGY AND DERMATOLOGY
- **FDA** CERTIFICATION FOR DERMATOLOGY

RAPID

- ONLY FEW MINUTES : 3' OPE® + 15' LIGHT MODULATION® - RESULTS AS OF THE FIRST TREATMENT

USER FRIENDLY

- SOFTWARE SETS PARAMETERS : COMPLETELY AUTOMATIC

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4. [PHOTOMEDICINE AND LASER SURGERY VOLUME 34, NUMBER 3, 2016](#) [®] [MARY ANN LIEBERT, INC.](#) PP. 93-101 DOI: 10.1089/PHO.2015.4015 **QUANTUM LEAP™ IN PHOTOBIO-MODULATION THERAPY USHERS IN A NEW GENERATION OF LIGHT-BASED TREATMENTS FOR CANCER AND OTHER COMPLEX DISEASES: PERSPECTIVE AND MINI-REVIEW.** [LUIS SANTANA-BLANK, MD](#), [ELIZABETH RODRÍGUEZ-SANTANA, MD](#), [KARIN E. SANTANA-RODRÍGUEZ, BS](#), AND [HEBERTO REYES, MD](#)
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6. [JPN J OPHTHALMOL](#). 2003 NOV-DEC;47(6):578-86. - **DISPOSABLE EYELID-WARMING DEVICE FOR THE TREATMENT OF MEIBOMIAN GLAND DYSFUNCTION.** [MORI A](#)¹, [SHIMAZAKI J](#), [SHIMMURA S](#), [FUJISHIMA H](#), [OGUCHI Y](#), [TSUBOTA K](#).
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