

# OPE®

OPTIMAL POWER ENERGY / IPL



# LIGHT MODULATION®

LLLT / LOW LEVEL LIGHT THERAPY

**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® 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, **we do not use gel**, so the treatment is simpler, faster and cheaper.
- ✓ 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 cm<sup>2</sup>, up to **three times** over competition.

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 biochemical 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.