



NEW GENERATION



## THE POWER OF LIGHT

- Combined treatments in aesthetic medicine
- Post-operative & restorative care
- Dermatological care

# NEW GENERATION LED TECHNOLOGY

## THE MOST POWERFUL LED LAMP ON THE MARKET



- Increased power :  
Blue 320 J/cm<sup>2</sup>  
Yellow 61 J/cm<sup>2</sup>  
Red 205 J/cm<sup>2</sup>  
IR 334 J/cm<sup>2</sup>
- Wide adjustable power range for more results

## MORE PROTOCOLS



- New pre-recorded protocols
- Access to the MEDISOL online user platform

## OPTIMIZED USABILITY



- New rotary multi-directional system to improve ease of use
- New XL LED panels for face & body
- New modern and customisable design
- Lightweight and very practical, thanks to its articulated arm

## SAFETY AND RELIABILITY

CE  
0086



## DOUBLE MODE TOUCH-SENSITIVE INTERFACE



- Intuitive mode: fast & specific treatments
- Tutorials with protocol descriptions
- Expert mode with advanced pulse programming

# PHOTOBIO-MODULATION

The principle of photobiomodulation is very similar to that of photosynthesis.

The stimulation of mitochondria cytochromes, from the photons emitted by the LED light, causes the production of Adenosine Triphosphate (ATP). This provides energy for cellular renewal and stimulates the production of new collagen.

The MEDISOL lamp, when emitting light in the red and the IR (630nm-850nm) spectrums, which is close to the absorption of cytochrome, is the most effective in increasing the production of neo-collagen, thanks to process behind photobiomodulation.

## FROM THEORY TO TECHNOLOGY



Backed by 7 years of experience in the development of LED technologies and the collaboration of a committee of medical experts, the Deleo R&D engineering team is proud to introduce its latest innovation of the High Power LED Lamp, MEDISOL :

- Scientifically proven effective
- No side effects
- Painless
- Non invasive

## FROM TECHNOLOGY TO PRACTICE

MEDISOL is a versatile platform thanks to its 4 wavelengths : **blue** (415nm), **yellow** (590nm), **red** (630nm) & **infra-red** (850nm).

This new LED lamp allows for the treatment of a large number of indications which are classified into 3 groups:



COMBINED TREATMENTS  
IN AESTHETIC MEDICINE

POST-OPERATIVE & RESTORATIVE CARE

DERMATOLOGICAL CARE



# INDICATIONS

## COMBINED TREATMENTS IN AESTHETIC MEDICINE

### Photodynamic peelings

The photodynamic peels are activated by the emission of light from the MEDISOL LEDs. The photosensitive molecules act to restore the texture and tightness of the skin. Moreover, MEDISOL allows for simultaneous anti-aging action, thanks to photobiomodulation, which stimulates neocollagenesis and cell renewal. This synergy leads to skin that is tight and smooth again, with a more radiant appearance



BEFORE



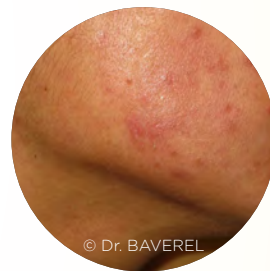
AFTER 6  
SESSIONS

### Post aesthetic treatments

The LED strengthens the effectiveness of some cosmetic procedures, such as laser and techniques using botulinic toxin and hyaluronic acid. The soothing and healing effects of the LEDs cause a decrease in inflammation and in the risk of HPPI. The action of LEDs also helps to treat post-inflammatory erythemas, for example after a cryolipolysis session.



BEFORE



AFTER 1  
SESSION

### Alopecia

The MEDISOL LED Lamp, in combination with mesotherapy, is an effective method to treat alopecia in both men and women. The goal is to prevent the catagen phase, during which point the hair follicle dies and falls out. Mesotherapy will make it possible to inject protective and antioxidant molecules into the scalp. The action of the yellow and red LED lights will then stimulate cell renewal. The combination of the treatments will stop the hair from falling out, and will make it possible for hair regrowth and increased hair density.



# INDICATIONS

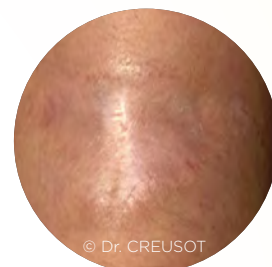
## POST-OPERATIVE & RESTORATIVE CARE

### Scars & Burns

This new LED lamp offers pre-registered protocols to treat any type of scar, whether post-operative or old, thanks to the repairing photobiomodulation. It will accelerate and improve the healing process, therefore minimizing the appearance of any ungraceful scars. You will also find protocols for burns, irritations and inflammations. At last, MEDISOL offers a soothing effect on targeted pains.



BEFORE



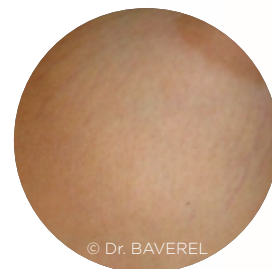
AFTER 5 SESSIONS  
© Dr. CREUSOT

### Stretch marks

MEDISOL offers a significant improvement of lesions, thanks to the LED treatment: decrease of depth and pleated appearance and repigmentation. For the treatment of stretch marks, it is highly recommended to prepare the skin with a « derma-roller » to achieve a superficial abrasion.



BEFORE



AFTER 4 SESSIONS  
© Dr. BAVEREL

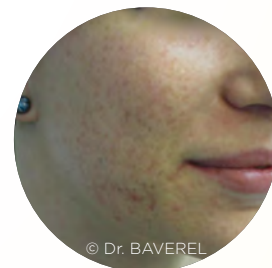
## DERMATOLOGICAL CARE

### Acne

The blue light will act on the porphyrins of the bacterium, P.acnes, and will destroy them. The red light penetrates, in sufficient depth, to reach the sebaceous glands, in order to have an anti-inflammatory effect. The acne scars can also be reduced thanks to an adapted treatment with MEDISOL.



BEFORE



AFTER 6 SESSIONS  
© Dr. BAVEREL

### Photodynamic therapy

Photodynamic therapy (PDT) involves applying a photosensitizing substance on the skin, before exposing the skin to blue or red LEDs. Activation of these photoreceptor molecules causes a targeted destruction of the diseased tissue.



# OUR MEDICAL EXPERTS



«I've been using the LED technology for a long time now. I especially like the pre-set programme of the MEDISOL LED, a medical device with a medical CE, which makes it easy to use for our staff.»

**Benjamin ASCHER, MD**  
Plastic Surgeon - Paris FRANCE



«Mesotherapy by itself is a very useful treatment, but the reality of combining it with MEDISOL, we can get even better results. Every patient wants to see the results quickly!»

**PISAL, MD**  
PhD in Dermatology  
President of the Society of Mesotherapy - UNITED KINGDOM



«I use the MEDISOL from Deleo. It is a very interesting medical device without consumable, meeting standards of CE medical marking. Deleo offers excellent after-sales service, as well as permanent dermopublications and upgrades.»

**Muriel CREUSOT, MD**  
Dermatologist - Lasne BELGIUM

## TECHNICAL SPECIFICATIONS

Protocols	Built-in protocols plus the possibility to save and store your own protocols
Wavelengths	415 nm / 590 nm / 630 nm / 850 nm
LED	3 W - 700 mA
Treatment area	1755 cm <sup>2</sup> (3 panneaux)
Software	Android
Air cooling system	Thermo controlled ventilation
Electrical output	AC 200-240 V 50-60 Hz Max 3A - 650 W
Power	17 mW/cm <sup>2</sup> - 217 mW/cm <sup>2</sup>
Structure	Coated aluminum
Weight	20 kg
Dimensions	46x84x120 cm

This device was developed and manufactured in France by Deleo. It is a Class IIa Medical Device. This machine is legalized with the CE marking that indicates that this product meets the essential requirements of all relevant european medical device directives; Delivered to Deleo by the notified body, BSI. Please read instructions before use. Do not use the device other than specified in the instructions. Doctor Leaflet Medisol New Generation - v1.2- 03082017.

Discover our products on [www.deleo-medical.com](http://www.deleo-medical.com)



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