

CHANTARELLE
Laboratory Derm Aesthetics



PDT MASTER[®]

MAGNETO-LED-LASER



TARGETED AT THE SKIN PROBLEM

INNOVATIVE TREATMENTS

magneto-phototherapies LED LASER | photodynamic therapies PDT

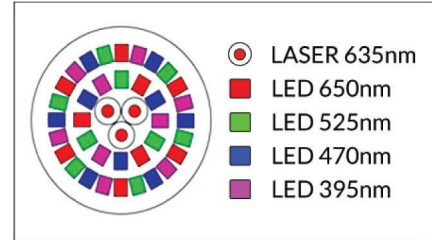
with a system of bio-chromophores by CHANTARELLE

PDT MASTER®

MAGNETO-LED-LASER

Unique MAGNETO-LED-LASER device combines 4 technologies:

- **LASER R light** – low-level diode laser: 3 diodes emitting a 635nm laser beam
- **LED light** – 36 LED diodes in 4 colours:
 - UV-violet 395nm | ■ blue 470nm | ■ green 525nm | ■ red 650nm
- **PULSED MAGNETIC FIELD 10 mT** and
- **INNOVATIVE PDT PHOTODYNAMIC THERAPY METHOD** based on photodynamic (photo-sensitive) PDT preparations containing bio-chromophores developed by CHANTARELLE and advanced active ingredients



SPECTACULAR, IMMEDIATELY VISIBLE TREATMENT EFFECTS

- reduction of wrinkles
- remodelling of face oval
- minimisation of effects of photo-damage and photo-ageing
- reduction of discolourations
- increase in hydration and elasticity
- prolongation of aesthetic treatment effects sealing of blood vessels
- reduction of erythema
- reduction of symptoms of rosacea
- reduction of symptoms of acne, also adult acne
- elimination of irritations
- reduction of cellulite and stretch marks
- reduction of adipose tissue deposits
- reduction of swelling
- stimulation of healing of discolourations due to broken blood vessels and bruises
- anti-inflammatory, anti-bacterial, and anti-fungal properties
- stimulation of faster healing and regeneration
- stimulation of faster hair growth

RANGE OF TREATMENT THERAPIES USING LASER PDT MASTER®:

1. MAGNETO-PHOTOTHERAPIES LASER/LED WITH MAGNETIC FIELD

Stand-alone treatments using LED, LASER and magnetic field / programs 1-6 effectively intensify metabolic processes in cells in an absolutely safe and non-invasive manner.

LED/LASER LIGHT PHOTOTHERAPY

The LED/LASER light emitted by PDT MASTER® penetrates cellular membranes and mitochondria (energy centres in a cell) and provides energy to cells, stimulating their regeneration. This boosts the collagen and elastin synthesis in the skin as well as the blood and lymph flow. The natural immunological processes of the skin are also boosted.

THERAPY USING PULSED MAGNETIC FIELD

The magnetic field intensifies the therapeutic effect in tissues and has strong bio-stimulating properties; stimulates the blood and lymph flow, which improves oxygenation of the skin also making it better nourished; improves absorption of active ingredients contained in the products; stimulates fibroblasts to cause the collagen and elastin synthesis; has anti-inflammatory properties; accelerates tissue regeneration processes.

COMBINED USE OF LASER LIGHT AND LOW FREQUENCY PULSED MAGNETIC FIELD ENABLES ACHIEVING OPTIMAL THERAPEUTIC EFFECTS

2. TARGETED PDT LASER/LED PHOTODYNAMIC THERAPY

This comprises innovative treatments using LED and/or LASER light, pulsed magnetic field emitted by PDT MASTER® and photodynamic PDT preparations developed by CHANTARELLE, which contain a unique system of bio-chromophores and innovative active ingredients targeting specific dermo-aesthetic skin problems / programs 4, 6.

PDT MASTER® emits LED and LASER light absorbed on the skin surface by bio-chromophores contained in photodynamic products developed by CHANTARELLE. The energy accumulated from bio-chromophores is transported directly to the cells. It intensifies metabolic, repair and oxygenation processes and maximises absorption of active ingredients contained in the products.

IMMEDIATE EFFECTS + LONG-TERM EFFECTS/BIO-STIMULATION

CHANTARELLE BIO-CHROMOPHORES CONTAINED IN PDT PHOTODYNAMIC PRODUCTS VS LASER LIGHT

CHANTARELLE bio-chromophores are an ingredient of photosensitive (photodynamic) products for photodynamic PDT therapies, which are capable of absorbing light of a specific wavelength. Bio-chromophores applied on the skin area subject to dermo-therapy accumulate laser light multiplying the amount of energy in the cell, and thus they maximise:

- effectiveness of metabolic processes
- absorption of active ingredients contained in the products

INNOVATIVENESS OF THE CHANTARELLE BIO-CHROMOPHORES

- THEY ARE OF PLANT ORIGIN
- THEY DO NOT CAUSE PHOTO-DERMATOSES
- THEY ARE WELL TOLERATED BY THE SKIN
- THEY DO NOT CAUSE SKIN IRRITATIONS



LIFT PETANGO R peptide ampoule concentrate 25% in the treatment procedure using PDT method.
Improved face oval after 5 treatments performed once a week

In addition to the specific bio-chromophores, photosensitive products designed for PDT photodynamic therapies also contain innovative, highly concentrated active ingredients which ensure spectacular and immediate treatment effects thanks to the synergistic action of the laser light, bio-chromophores and the magnetic field.



Innovation! photodynamic treatments and preparations PDT LASER LLLT/LED

- LASER CHEMICAL PEELS
- PLATINUM LASER MASSAGE CHANTARELLE
- TREATMENTS FOR SKIN PROBLEMS, REJUVENATING AND LIFTING TREATMENTS



3. COMBINED THERAPIES

Combined therapies are based on the combination of LASER/LED magneto-phototherapy or targeted PDT photodynamic therapy with other treatment procedures such as no-needle mesotherapy, sonophoresis, chemical peels. This increases the attractiveness of the beauty salon's offering and enables adjusting the therapy to the individual needs of the client's skin.

TREATMENT OPTIONS

1. Magneto-Phototherapy LASER/LED before a selected beauty treatment
2. Magneto-Phototherapy LASER/LED after a selected beauty treatment
3. Targeted Photodynamic therapy PDT LASER/LED after e.g. chemical peels
4. Targeted Photodynamic therapy PDT LASER/LED in a CHANTARELLE signature treatment – application of a photodynamic PDT product (instead of an ampoule concentrate)



ADVANTAGES OF THE DEVICE:

- Innovative technologies:
 - magneto-phototherapy LED/LASER,
 - pulsed magnetic field,
 - targeted photodynamic PDT therapy
- A very broad range of therapeutic applications – this increases the attractiveness of the beauty salon's offering
- High EFFECTIVENESS - in 97% of procedures performed as part of approval trials (a sample of 10 subjects), the effects were visible immediately after one treatment.
- Immediate effect - visible after the first treatment
- Long-term bio-stimulation effect
- Non-invasive treatment procedures - NO SCALPEL, NO PAIN, NO STRESS
- The client may return to normal activities immediately after the treatment
- Safety and comfort – for the patient and the beauty salon, minimal side effects compared to invasive methods
- A quick return on investment
- Does not require any special maintenance - the laser diode has a 10 years' life
- Easy-to-understand and easy-to-follow treatment protocols
- Intuitive user interface and ready-to-use treatment programmes
- Combinable with other treatments as part of combined therapies – ensuring a more diversified offering of your beauty salon



PDT BLACK ESSENTIAL ANTI-REDNESS Serum in a combined therapy using RED STOP
Reduction of erythema and dilated capillaries; brightened skin tone after 4 treatments performed once a week



TREATMENT SCHEME BASED ON PDT MASTER®

1. Remove eye and face make-up and perform a peeling tailored to the skin problem – using products from the SPECIAL AESTHETICS line: Ultra Sensitive milk and toner, SILVER-DERMA PLUS 44% dermabrasion cream – in the case of thick, ageing skin affected by excessive keratinisation, or SPECIAL AESTHETICS LUMI-GEL – a SPECIAL AESTHETICS gentle peel – in the case of sensitive skin
2. **MAGNETO-PHOTOTHERAPY LASER /LED:** application of light onto the skin using a selected PDT MASTER® program tailored to the individual needs of the client's skin
or
TARGETED PDT PHOTODYNAMIC THERAPY: a PDT photodynamic concentrate is applied using the appropriate PDT MASTER® program: R red laser light – program 6, or LED green light – program 4
3. Apply an finishing UVA/UVB cream from the SPECIAL AESTHETICS line or another CHANTARELLE line tailored to the needs of the client's skin: Licorice A Moisturising Day Cream SPF20 UVA/UVB, BB AFTER Day Cream BioRetinol A SPF25 UVA/UVB or Cover Silver Cream SPF50 UVA/UVB).





PDT MASTER® PROGRAM RANGE

PROGRAM	TREATMENTS	LASER	LED	„Magnetic field“ function	PDT method
P1 15 mins phototherapy	melanoderma, skin discolourations, stretch marks, scars	635 nm pulsed	650 nm, 525 nm pulsed	✓	——
P2 20 mins phototherapy	lifting, wrinkles, rejuvenation, skin tone	635 nm pulsed	650 nm, 525 nm, 470 nm pulsed	✓	——
P3 10 mins phototherapy	around-eye skin, wrinkles and crow's feet, bags and dark circles	——	650 nm, 525 nm, 470 nm, 395 nm continuous	✓	——
P4 15 mins phototherapy + PDT	skin redness, inflammatory changes, sensitive skin, rosacea, couperose + PDT method for green led light 525nm	635 nm pulsed	525 nm pulsed	✓	LED 525nm *Disable 635 nm laser light to enable green LED light
P5 15 mins phototherapy	acne, oily skin, combination skin (pore minimization, sebum balance, hydration)	635 nm pulsed	650 nm, 470 nm, 395 nm pulsed	✓	——
P6 20 mins phototherapy + PDT	PDT method for red light R 650 nm / 635 nm using CHANTARELLE photodynamic products	635 nm pulsed	650 nm pulsed	✓	Laser 635 nm LED 650 nm

MAIN CONTRAINDICATIONS:

ABSOLUTE CONTRAINDICATIONS: pregnancy, electronic implants, cancer, tuberculosis, viral, bacterial and fungal infections, acute inflammatory conditions and undiagnosed skin lesions, light allergy, and taking drugs and products that cause photo-allergic reactions.

RELATIVE CONTRAINDICATIONS WHERE MEDICAL ADVICE SHOULD BE SOUGHT:

overactive thyroid, diabetes, unbalanced high blood pressure, other chronic diseases (e.g. lupus, porphyria, epilepsy).

The device offers 6 ready-to-use programmes enabling you to perform many treatment procedures using: **LED light, LASER light and PULSED MAGNETIC FIELD** in various treatment combinations. In each of the programmes, it is possible to disable the magnetic field and/or laser:

- In the case of contraindications for therapies using magnetic field and/or laser
- In programme 4, in the case of applying a PDT therapy using green light 525nm



IMPORTANT TIPS

- Before you start the treatment, you should rule out any contraindications for the patient to use laser technology and magnetic field.
- Do not look directly into the beam of the laser light. You do not need to use any protective eye-wear.
- CHANTARELLE Photodynamic PDT therapies are safe and very comfortable treatments that provide a very relaxing and enjoyable experience for the patient. Only in individual cases, the patient may experience a slight tingling sensation. There is no risk of skin damage or burn.
- After the treatment, it is recommended that the patient use CHANTARELLE SPF creams tailored to their skin problem as part of at-home skin care
- The first effects are visible immediately after the treatment. For the maximum effect, we recommend performing photodynamic procedures once a week for 4-6 weeks



TECHNICAL SPECIFICATIONS

Device class: II
 Power supply: AC/DC adapter FW7555M/12
 100-240V/50-60 Hz (350-150mA)/12V=
 DC consumption: max. 40 mA
 Maximal load: 15 VA
 Maximal induction on the surface of the device's head: B=10mT (dB/dt=16 T/s)
 Change of frequency of the magnetic field: 1.3 to 99.7 Hz



PHOTO-DYNAMIC PREPARATES PDT®:

PROGRAM P6 - various PDT procedures:

- ◆ **ABSOLUTE RICH MOISTURE**
PDT ABSOLUTE MOISTURISING PEPTIDE NON-ACID PEEL Booster (CP184230)
PDT THERMO ABSOLUTE MOISTURISING CERAMIDE SERUM Hydrolipidic Firmness Booster (CP184330)
PDT THERMO ABSOLUTE MOISTURISING LIFT EFFECT MASK CERAMIDE & COLLAGEN Booster (CP0861)
- ◆ **SUPERIOR YOUTH BOOST**
PDT RETINOL BOOST-SERUM Extreme Repair with 0,3% pure micro-encapsulated Retinol (CP184030)
PDT NIACINAMIDE & GABA BOOST-SERUM Recovery Wrinkle Filler, Face & Neck (CP184130)
PDT PERFECT SMOOTH RICH RECOVERY BOOST-MASK with niacinamide CP0859
- ◆ **PLANT PLASMA**
PDT SERUM EGF PLANT PLASMA STRONG REPAIR BOOSTER (CP189301)
PDT SERUM TGF-β2 PLANT PLASMA STRONG COLLAGEN BOOSTER (CP189401)
- ◆ **SEBUMELAN HOLISTIC**
PDT THERMO ANTI-BACTERIAL SERUM PH 4.5, NORMALISING ANTI ACNE SPOT & SCARS (CP1895)
- ◆ **AGEMELAN HOLISTIC**
PDT THERMO Agemelan Holistic Face & Neck Serum pH 4.5 (CP1891)
PDT THERMO Agemelan Holistic Decolette & Body Serum pH 4.5 (CP1892)
PDT Agemelan Holistic Lip Volume Serum (CP0636)
PDT THERMO Agemelan Holistic Eye Serum pH 4.5 (CP0637)
- ◆ **PLATINUM PEEL&CURE**
PDT Photodynamic Platinum Blended Peel Melaner 46% pH 3.0 (CP055150)
PDT Photodynamic Platinum Blended Peel Retinologic 45% pH 3.0 (CP055250)
PDT Photodynamic Platinum Blended Peel Sensiter 45,5% pH 3.2 (CP055350)
PDT Photodynamic Platinum Blended Peel Age Clinic 52% pH 3.2 (CP055450)
PDT Photodynamic Platinum Ultra Cure Compress-Mask (CP0856)
PDT Photodynamic Platinum Massage Gel LASER LED R/UV (CP1783)
- ◆ **BLACK ESSENTIAL**
VITAMIN C 20% (CP186830)
VITAMIN D BOOSTER (CP186930)
LIFT OVAL volumetric wrinkle filler and chin modelling (CP185030)
PEPTO-HYA peptide and hyaluron wrinkle filler (CP185230)
COLLAGEN RESTRUCTURE pro-collagen regenerating treatment (CP185130)
ESTRO-YOUTH fundamental rejuvenation of mature women skin 50+ (CP185330)
SEBOREG sebum reduction of oily skin and acne skin (CP185730)
ANTI-REDNESS reduction of redness and irritation symptoms (CP185830)
EYE-PRO under-eye treatment – rejuvenating and shadow brightening (CP185530)
HAND & NAILS palms and nails regeneration (CP185630)
DEPIGMENTARY against over-pigmentation depending on the skin area (CP185930)
ANTI STRETCH MARKS anti-stretch marks treatment (CP186330)
SCAR REPAIR visibility reduction of scars and post-acne scars (CP186430)
SCALP CARE/PRO HAIR GROWTH scalp care for hair growth (CP186530)
HAIR GROWTH INHIBITION Hair regrowth inhibition (CP186630)
HEAVY LEG/DIABETIC FOOT Reduction of the discomfort of "heavy legs", also for the diabetic foot (CP186230)
- ◆ **REGENEVIA DNA**
Anti-Glycation AGE COLLAGEN REPAIR (CP1890)
Eyes CELLULAR ANTI-AGEING (CP1888)
- ◆ **LIFT PEPTANGO R**
PDT Lift R-Peel Phytic Acid 10% pH 5.0 (CP0540)
PDT Lift Peptide R-Concentrate 25% Gel Ampoule (CP1145)

PROGRAM P2 - rejuvenation or program P5 problematic skin:

- ◆ **FERULASHI** PDT UV Ferulic & Shikimic Acid KIT (CP0527)

PROGRAM P5 problematic skin:

- ◆ **RETINOCAL PURE** PDT UV PHOTODYNAMIC RETINOCAL PURE ANTI-ACNE KIT (CP0535)

PDT treatment procedures are provided in the Catalogue of Treatments and Appliances CHANTARELLE®.