

thermaeye[®]
PLUS

Thinking about your patients

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Recent conclusion by the prestigious MGD workshop report that MGD is likely the leading cause of all dry eye is supported by a large body of evidence-based medicine reporting the compromise to meibomian gland function negatively impacts all aspects of ocular surface health.

Intense Pulsed Light therapy appear as a safe and efficient threatment in relieving simptoms and signs of DED-MGD eyes. No significant complications has been observed.

Benefits

- V Vascular
- A Anti – inflammatory
- A Anti – Microbial
- T Tissue regeneration

Pathologies

- Rosacea
- Telangiectasia
- MGD
- Brown spots
- Wrinkles

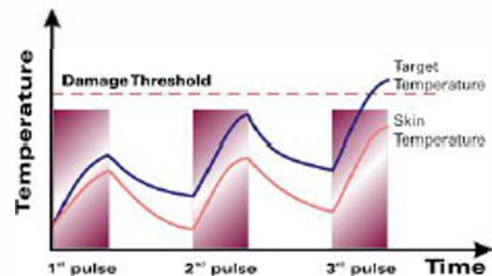


Advanced IPL Technology

Pulse Duration - TRT - Pulse Duration

Fractionated pulse: security guarantee

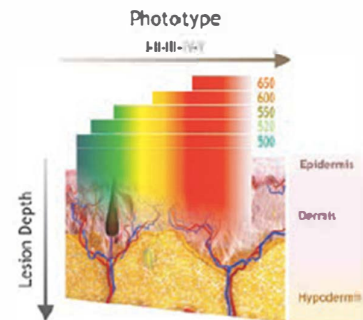
The pulse of ThermaeyePlus can be divided up to three pulses. The fractionated pulses allow to use higher fluences while protecting the skin. The Doctor can select the duration and energy of each individual pulse, and also set the interval. This intelligent technology protects the skin and prevents thermal damage.



Reduced risk of thermal damage

The advanced integrated skin cooling system of the ThermaeyePlus hand piece prevents excessive temperature increase of the epidermis.

This prevents unwanted side effects on the skin and makes the treatment more tolerable and safety for the patients.



The interaction of the different wavelengths and skin layers determines the choice of the appropriate filter based on the treatment and patient's phototype.

**“Maximum comfort for the patient
Maximum safety for the doctor”**

Incorporated Power meter

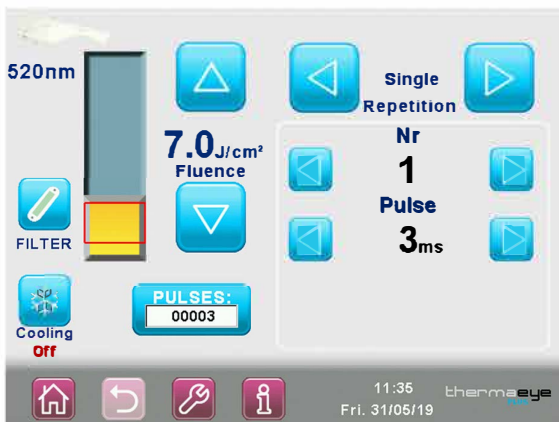
ThermaeyePlus features a control tool that is extremely useful in daily practice. The integrated power meter constantly monitors the number of pulses emitted, the real effectiveness of each individual pulse, and the correct operation of the handpiece. By allowing doctors and operators to control the effectiveness and correctness of the energy emitted. Medical studios can thus avoid undue and uncontrolled expenditure: the power meter makes it possible to test the handpiece at all times.



Light, Versatile and User-Friendly

ThermaeyePlus equips interchangeable filters. It is not necessary to change the head: just by replacing the filters, in a few seconds the doctor selects the wavelength that best adapts to the application and pathology of the patient.

The different wavelengths available (500nm, 520nm, 550nm, 600nm, 650nm and SA) in combination with the pulsed technology ensure greater absorption of light by melanin, allowing to work even in the darkest phototypes.



User-friendly Software

ThermaeyePlus has a software designed exclusively for the treatment of meibomian glands and other pathologies associated with dry eye

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Interchangeable filters, with different spectrum of emission, for a single pulsed light handpiece. It takes only a moment to adjust the emission to the specific application and the patient's phototype.

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Adjustable levels for contact skin-cooling system integrated in the handpiece.

16_{Kg}

Compact technology. The reduced size of ThermaeyePlus makes it easy to move around.

700_{gr}

Lighweight and compact handpiece for effortless treatment

Power
Meter

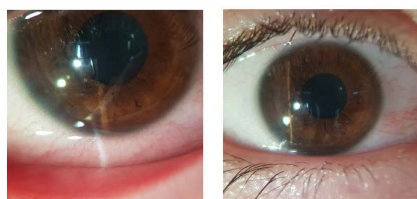
A power meter incorporated in the system monitors the correct operation of the handpiece at all times.

Expanding your Practice

Multiple Filters-Larger Scope



Courtesy of: P. Campolmi, MD - G. Cannarozzo, MD - P. Bonan, MD.
Florence, Italy. (Photos using polarized light)



Courtesy of Dr. Carlos Verges



Courtesy of: A. Pulvirenti, MD - Catania, Italy.

520nm. This filter is used to perform treatments involving vascular lesions and skin pigmentation defects of patients presenting with up to and including Fitzpatrick grade III skin type.

650 nm. This filter is ideal for treating MGD in all skin types up to Fitzpatrick grade VI skin type.

SA-800 nm. This filter has been shown to stimulate the production of new collagen, improving the tone, texture and luminosity of the skin, giving it a lifting effect without the need for more invasive treatments.

Care for your patients

IPL helps improve results with each treatment



Results

Many studies confirm IPL treatment achieves a statistically significant improvement in the relief of the clinical signs and symptoms of patients affected by **MGD** related to **DED**. Maximum benefit usually occurs after a few IPL treatment sessions.

The high versatility of **ThermaeyePlus** device allows users to set customised treatment parameters according to the patient's presenting characteristics. This assists with achieving maximum outcomes, efficacy and tolerability.

Technical data

Source	Xe Lamp
Spectrum of Emission	500 — 1200 nm / 520 — 1200 nm 550 — 1200nm / 600 — 1200nm 650 — 1200 nm / SA 800 — 1200 nm
Pulse Width	From 3 to 8 ms
Delay Between Pulses	From 5 to 50 ms
Number of Pulses	From 1 to 3
Repetition Rate	2 s (min.)
Treatment Area	48 mm x 13 mm (6.2 cm ²)
Fluence	Up to 25 J/cm ²
Integrated Skin Cooling	Contact Peltier system
Emission Control	Footswitch and/or Fingerswitch
Electrical Requirements	230Vac / 10A (máx) 50-60 Hz
Dimensions & Weight	22 cm (H), 45 cm (D), 37 cm (W), 16 Kg

Bibliography

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