

E-EYE

THE SOLUTION FOR DRY EYES

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A monochromatic, sepia-toned photograph of a coastal scene. The foreground shows a sandy beach with dark, jagged rocks. Gentle waves with white foam are washing onto the shore. The middle ground features more turbulent waves breaking further out. The background is a vast, hazy expanse of water meeting a bright, overcast sky. The overall mood is serene and atmospheric.

experience a new dimension

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As early as 1992, we were fascinated by the possibilities of modern laser technology, which today allows us to help our patients achieve perfect vision in just a few minutes, make them independent of glasses and contact lenses and thus significantly improve their quality of life. Doing this to the highest level of perfection is a passion that unites our entire team.

**WE DO EVERYTHING WE CAN
FOR THE QUALITY OF RESULTS
AND SECURITY YOU EXPECT
FOR YOUR EYES.**

Respect for the trust you place in us obliges us to offer you excellent results and maximum security at the same time.

To this end, we have assembled an experienced and highly qualified team that is unique in its constellation.

Furthermore, we have invested exclusively in the most modern technologies. As an international reference centre for leading companies in the field of ophthalmology, we have a fundamental advantage in innovation.

With the certified E-Eye treatment from the French company ESW Vision, we can now, for the first time, treat the cause of dry eye in an absolutely painless and lasting way - and in just a few minutes.

Burning eyes, feelings of dryness and foreign bodies, reddened eyes and sudden stabbing pain are typical signs of Dry Eye Syndrome. Until now, sufferers could only alleviate these symptoms by constant treatment with tear substitutes - but with E-Eye, this has changed.

**WITH E-EYE, NOT ONLY THE
SYMPTOMS BUT ALSO THE CAUSE
OF DRY EYE CAN BE TREATED
FOR THE FIRST TIME.**

E-Eye is currently considered the only device in the world that is specifically certified for the treatment of dry eye.

DRY EYE SYNDROME

Between 5 and 15% of the population suffer from Dry Eye Syndrome. Working in artificial light or air-conditioned rooms, environmental stress and work on computer screens can be causes of this eye condition, which is often experienced as very stressful.

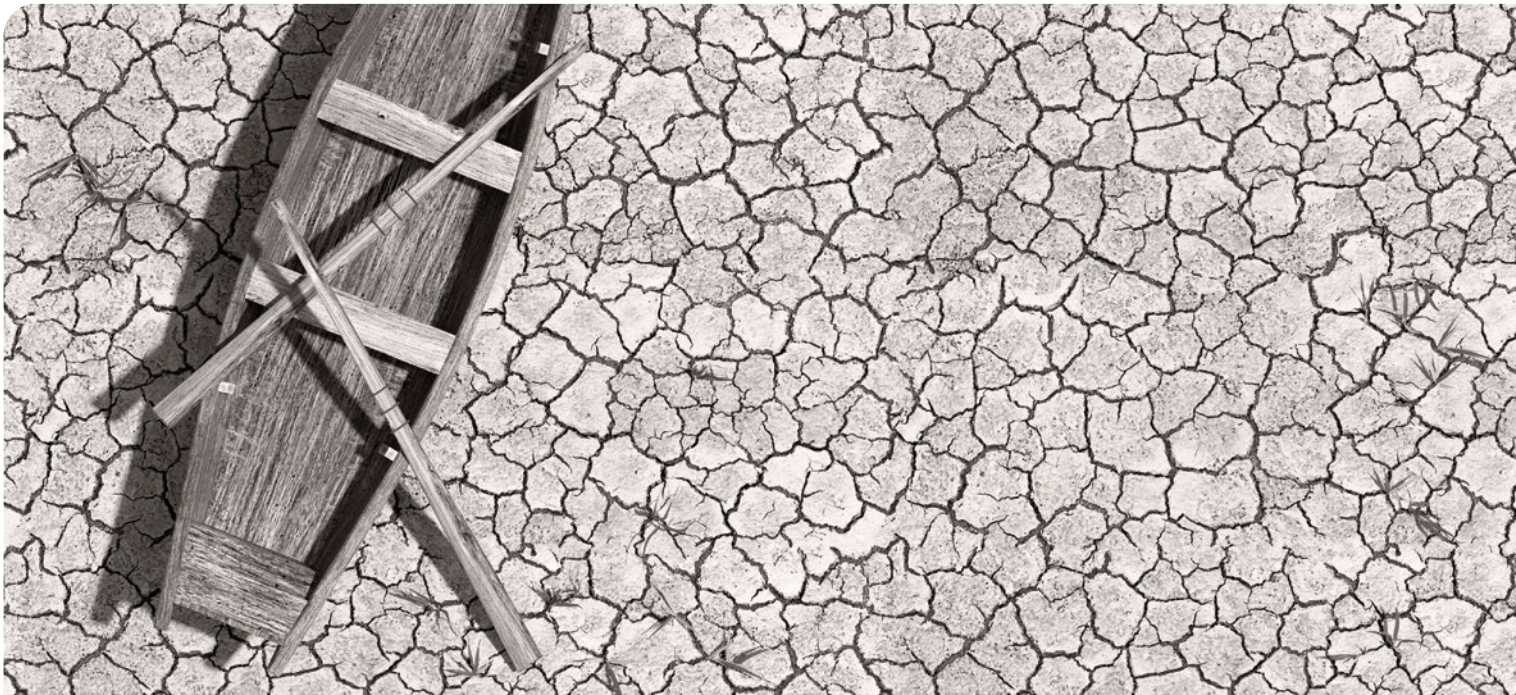
IF LEFT UNTREATED, DRY EYE SYNDROME CAN LEAD TO LEAD TO PERMANENT DAMAGE TO THE CORNEA.

In the USA, it is therefore also known as the

"Office Eye Syndrome". It is exacerbated by the wearing of contact lenses.

If too much tear fluid evaporates in the eye, this is due to the absence or insufficient formation of the outer lipid-containing layer of the tear film. This lipid-containing layer consists of the secretion of the meibomian glands, which are located at the edge of the upper and lower eyelids.

This damage is therefore referred to as meibomian gland dysfunction (MDD), the most common Dry Eye Syndrome in the world.



WHAT IS THE E-EYE PROCEDURE

The E-Eye treatment is a innovative pulsed light technology for the therapy or prevention of Dry Eye.

The device generates perfectly calibrated and homogenous light pulse frequencies (IRPL = Intense Regulated Pulsed Light), which stimulate the parasympathetic nervous system, one of the three components of the vegetative nervous system, and activate the meibomian glands via neurotransmitters.

As a result these glands regenerate. Thus the quality of the glandular secretion produced is improved in such a way that the lipid layer of the tear film is stabilised immediately.

96% RECOMMEND THE TREATMENT
83% CONFIRM AN IMPROVEMENT
IN SYMPTOMS
55% NO LONGER NEED EYE DROPS*



TREATMENT PROCEDURE

Before the treatment

In the days before the treatment, you should not use any self-tanner and do not go to the sunbed. However, this is possible again immediately after the treatment.

Nothing else needs to be taken into account - contact lenses, eye make-up, artificial eyelashes etc. do not need to be removed. Permanent make-up or previously performed treatments with Botox or Hyaluron are also irrelevant for the E-Eye treatment.

IN ADDITION, SYMPTOMS OF THE ACCOMPANYING SYMPTOMS SUCH AS BLEPHARITIS (INFLAMMATION OF THE EYELIDS) ARE ALLEVIATED.

The treatment process

You make yourself comfortable on our couch. We cover your eyes with eye cups that are impermeable to the emitted rays. Then a special hydrogel is applied underneath the eye, similar to an ultrasound examination. Then a series of 5 light pulses is applied from the inner to the outer corner of the eye. During the treatment, the skin feels warm, but this disappears again immediately after the treatment.

After the treatment

After the treatment, make-up can be applied again directly, if desired. No skin irritations are to be expected. Eye drops can also be used again as needed, but are usually no longer necessary or are needed much less frequently.

You will feel an improvement just a few hours after the treatment, as the treatment stimulates an immediate restoration of the normal activity of the meibomian glands.

The effect of the E-Eye treatment is cumulative. Therefore, we usually carry out three treatments, in severe cases four.

The effect of the first treatment lasts for about 5-7 days. The second treatment takes place after 15 days and the effect is noticeable for 2-3 weeks. The third treatment takes place on the 45th day and the effect lasts for 6 months to 3 years. If you like, you can treat yourself to a refresher treatment once a year to ensure lasting comfort.

FAQs

Answers to your questions

What is Meibomian gland dysfunction (MDD)? How does MDD develop?

The Meibomian glands are located on the upper and lower edge of the eyelid. They secrete a fatty secretion which has the function of preventing the evaporation of the tear fluid, adapting to the changes in the surface when blinking and visually serving to maintain a perfectly convexed dioptric lens body.

If this outer lipid-containing layer of the tear film is missing or insufficiently developed, the tear fluid cannot be given stability - it evaporates, leading to an inflammatory reaction of the conjunctiva and thus to the so-called Dry Eye Syndrome, also called dysfunction of the meibomian glands (MDD).

Sicca syndrome manifests itself as a visual disturbance that occurs especially during prolonged strain on the eyes in the near vision range, for example when working at a computer screen. The affected person feels a burning sensation or a foreign body in the eye and is thus forced to interrupt his or her work.

If this process accelerates, the discomfort becomes permanent, there is paradoxed lacrimation and contact lenses can no longer be worn.

If the excretory ducts of the meibomian glands also narrow (anatomical change), infectious episodes such as a sty, hailstone, a conjunctival superinfection and, in severe cases, even a microvascularization of the cornea may occur.

**IF YOU HAVE ANY FURTHER
QUESTIONS, PLEASE DO NOT
HESITATE TO CONTACT US BY
PHONE, E-MAIL OR IN PERSON!**

Why do dry eyes cause blurred vision?

The cornea is basically not so smooth on the surface that it can provide high-quality optical performance. It only achieves this with an intact tear film that completely covers it. Disturbances of the tear film therefore also lead to poorer vision. In extreme cases, the tear film is so defective that the cornea itself reacts and forms rough spots. These then cause stray light and impair vision considerably.

How efficient is the E-Eye device?

Clinical studies in France, New Zealand and China have shown: 90% of patients noticed a significant improvement in symptoms after the first two treatment sessions. The subjects have reported that the improvement already occurs after the first session and lasts longer and longer after each subsequent session.

What are the side effects of the E-Eye treatment?

No side effects are to be expected. In case of very sensitive skin, a short-term skin irritation may occur.

How often does the treatment have to be carried out?

As the effect is cumulative, three to four sessions are recommended according to the following scheme:

Day 0 - Treatment 1
 Day 15 - Treatment 2
 Day 45 - Treatment 3
 (Day 75 - Treatment 4)

Can I also have the E-Eye treatment with permanent make-up?

Yes.

Do artificial eyelashes have to be removed before the treatment?

No.

Is the effect of Botox influenced by the E-Eye treatment?

No.

Is the effect of hyaluron/fillers influenced by the treatment?

No.

What does the treatment cost?

The costs for the E-Eye treatment are approx. 795.00 euros for both eyes in a standard treatment with three sessions. If a fourth treatment is necessary, it is included in the price.

Refreshers of the treatment have to be done according to individual feeling. This varies greatly and ranges from 8 months to 3 years. We recommend an annual refresher treatment, which costs approx. 250 euros.

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