

Your customers' eyes are precious. Look after them!

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Keep your eyes fit.

Long lasting solution for dry eye management.



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**tear
stim**

Dry Eye syndrome.

Many people are familiar with the problem: Eyes that burn, scratch and itch, are red and tired or are hard to open in the morning.

Dry Eye syndrome (sicca syndrome) is a problem that affects up to 20 % of the population and manifests itself in various types of eye pain. It is triggered by the strain our eyes are subjected to by our modern lifestyles.

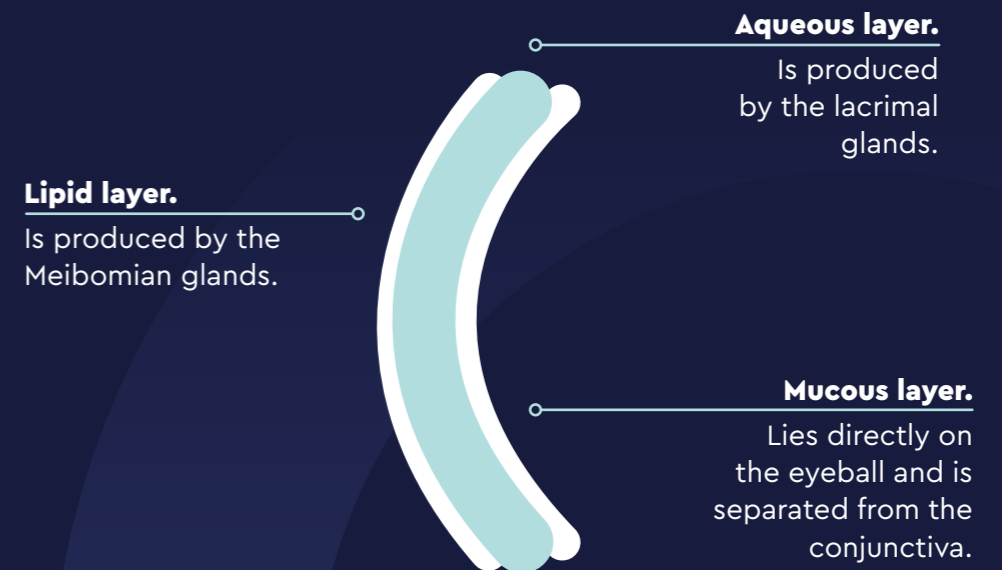
What causes Dry Eye?

Dry Eye is generally from damage to the tear film – more specifically, from a dysfunction of the meibomian glands. These glands secrete lipids (a fat-containing secretion) to the tear film that prevent the evaporation of the lacrimal fluid. If the meibomian glands function only to a limited extent, not enough lacrimal fluid will be produced or there will be excessive evaporation.

Tear film



The tear film maintains the function of the eye and comprises three layers:



Constant stress for your eyes

Causes.

Negative environmental influences and modern working and living conditions facilitate Dry Eye.

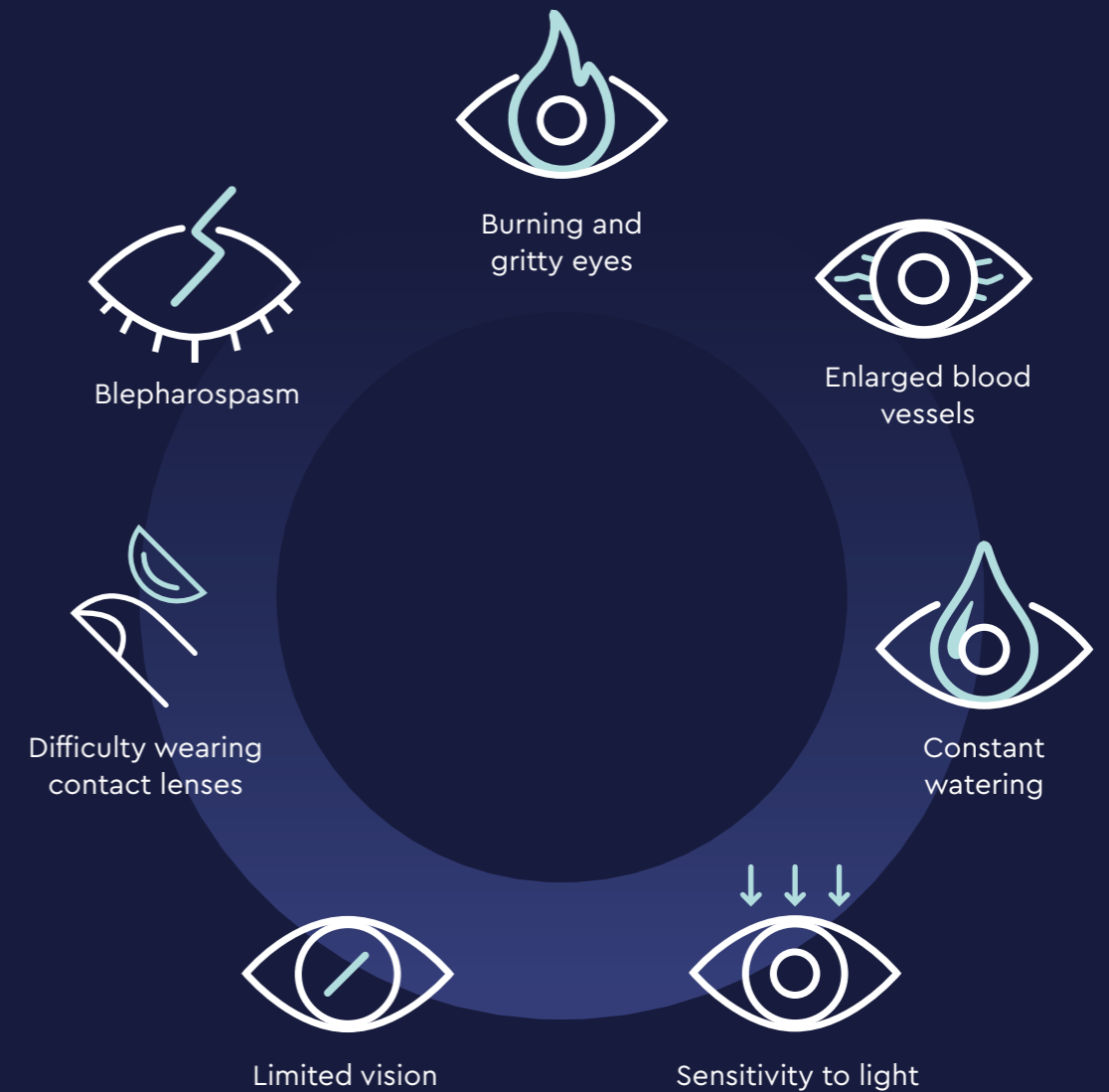
- Intense work at computers
- Pollution
- Aging process
- Eye surgery
- Diet
- Dry indoor air
- Hormone imbalances
- Pharmaceutical drugs
- Contact lenses



Problems encountered.

Redness, fatigue, blurred vision, and scratchy eyes are the first signs of Dry Eye. Over time, many other symptoms

and serious complications can occur, such as infections, sties or micro-corneal ulcers.



The treatment:

The treatment is a long lasting solution ensuring that the meibomian glands will function properly again and thus remedies the cause of Dry Eyes and the resulting eye pain – unlike eye drops that only aim at alleviating the symptoms.

The effect is accomplished with TearStim, a device based on the Intense Regulated Pulsed Light technology (IRPL).

TearStim emits painless light pulses below the

eye (in the the region of parasympathetic nervous system). By stimulating the nerve, neurotransmitters are released that stimulate the secretion of the meibomian glands and contribute to restoring their normal activity. In addition, the quality of the gland secretion is improved, and the lipid layer of the tear film is stabilised.

The result:
The symptoms disappear and eyes regain their fitness. Even from the first application on.



Quick and easy



Long-lasting



Scientifically proven:
90% satisfaction

Fit eyes. From the very first application.

Here's how the treatment is performed:

- The treatment only takes a few minutes.
- The client sits comfortably in a chair.
- The optician covers the patient's eyes with eye protector shells. A special gel is applied below the eyes.
- A series of 8-10 light pulses is aimed at the region below the eyes. They are painless and non-invasive.
- The series is repeated in the same way on the lower eyelid of the other eye.
- The application restores the normal activity of the Meibomian gland, with very rapid improvement for the patient within hours of the application. The effect lasts a few days at the beginning.
- In total, the treatment comprises three to four sessions, following that, the effect will last from a period of 6 months to 3 years. An annual booster session in the form of a single treatment is recommended.

Eyes and light. A good combination.

Effective in 85% of cases.

The treatment uses leading technology: the innovative Intense Regulated Pulsed Light technology (IRPL®), the effectiveness of which has been clinically proven. Studies prove: a significant improvement of irritations perceived by customers,

with 90% satisfaction after the first two sessions. This improvement is noticeable from the first application, it continues for several days and then even longer from session to session.

Prevention makes sense.

The treatment not only combats the causes of Dry Eye, but also has a preventive effect – it takes effect even before symptoms arise. Thus, the application can also be performed on children who are part of the risk group due to heavy use of digital devices. Thanks to the eye service, the symptoms do not even occur.



tearstim® technical data



Dimensions	Maximum 270 × 210 × 380 mm
Weight	Maximum 6,4 kg
Size packaging	Measurements incl. packaging 612 × 325 × 540 mm
Wavelength	> 580-1200 nm
Technology	IRPL® (Intense Regulated Pulsed Light)
Manufacturer warranty	2 years
Device service	Maintenance-free
Installation type	Desktop unit, mobile use