

Long-term protection for your retina

The LENTIS® T_{plus} IOL made by Oculentis offer many benefits to you:

Additional protection for the retina by the LENTIS® T_{plus} IOL with blue-light blocking filter

External factors such as natural sunlight can be damaging to your visual acuity. Selecting a yellow LENTIS® T_{plus} IOL with blue-light blocking technology from LENTIS® T_{plus} IOL will filter the damaging UV rays from sunlight protecting your eyes. The eye's over exposure to sunlight is one of the factors thought to lead to an increased risk of AMD (age-related macular degeneration). Choosing a LENTIS® T_{plus} IOL with blue-light filtering technology can provide you with optimum visual acuity and protection for your eyes.

The LENTIS® T_{plus} IOL is specifically designed to improve your contrast sensitivity ensuring even in poor light conditions you have good visual acuity and distance vision. The additional built-in blue-light blocking filter will replace the eye's natural filter better than a clear IOL and will provide long-term protection for your retina.

- Customised correction of astigmatism – your LENTIS® T_{plus} IOL is individually manufactured to provide you with a perfect visual experience without any restrictions.
- The LENTIS® T_{plus} IOL guarantees high-contrast and colour intensive visual perception of your environment.
- The LENTIS® T_{plus} IOL will ensure complete spectacle freedom for distance vision.
- The LENTIS® T_{plus} IOL stands out for its well-proven design and its well tested material as well as for its excellent biocompatibility.

In addition, intraocular lenses with blue-light blocking filter will provide you with:

- Effective protection for the retina thus enhanced AMD prophylaxis.

„See clear – live well“ with the LENTIS® T_{plus} IOL.

LENTIS® T_{plus}

Stamp of doctor's practice:

Distributor:

A service provided by



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Information on cataracts and refractive surgery

LENTIS® T_{plus}

Special Topic:
Intraocular lenses for treatment of astigmatism and cataract

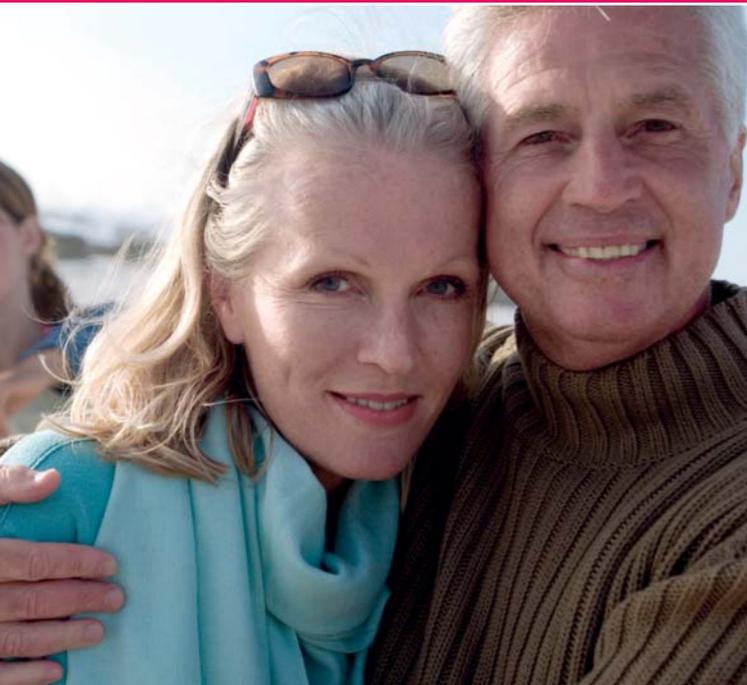
Dear patient,

in addition to the standard intraocular lenses (IOL), your eye surgeon also offers you some IOL types that provide extra benefits. These lenses are called **toric IOL**.

The LENTIS® T_{plus} toric intraocular lens (IOL) corrects your astigmatism and offers exclusive benefits to your vision. Specifically designed to provide optimum visual correction, improved contrast sensitivity and blue-light filtering technology, the LENTIS® T_{plus} toric IOL provides more freedom from spectacles and contact lenses.

This leaflet shall inform you how such a „toric artificial lens“ can correct your vision and how you may benefit from refractive and cataract surgery.

For basic information on cataracts, please refer to the leaflet „See clear – live well“. Should you still have some questions, please ask your eye specialist.



An irregular curvature of the cornea – what does it mean for the patient?

Astigmatism means the cornea of the eye does not have a smooth circular surface but a different surface curvature in one direction or the other. When focusing on images or objects astigmatic patients will experience ‘distortion’ in their vision.

The vision or object in the environment is blurred meaning the patient will suffer from severe visual impairment and as a consequence a reduction in quality of life.

Spectacles and contact lens: the best solutions?

Usually, small amounts of astigmatism can be treated by prescribing spectacles with cylindrical glasses and/or by wearing toric contact lenses which will correct the irregular curvature of the cornea providing improved vision.

However for most people the hassle and additional costs of wearing or using contact lenses daily to correct vision can reduce quality of life.

For patients with severe astigmatism, a satisfying treatment can only be achieved by refractive lens surgery.



Perception with astigmatism

The low-impact alternative:

Refractive lens surgery and the LENTIS® T_{plus} IOL

Modern eye surgery makes it possible to correct all forms of astigmatism during one single gentle routine intervention.

In patients with/without cataract and astigmatism, precise and stable correction of their vision can be obtained with the toric intraocular lens LENTIS® T_{plus}. This toric lens perfectly compensates for the cornea's irregular curvature ensuring you benefit from a considerably higher degree of spectacle independency for distance vision.

Clinical studies have shown that in general 98% of patients who had surgery in both eyes will not require further spectacle correction of astigmatism.



Perception with the LENTIS® T_{plus} IOL

Furthermore these studies have shown that appropriate visual correction cannot be obtained from patients with astigmatism by implantation of a standard lens. Optimum treatment will require use of a toric IOL as permanent correction of astigmatism can only be achieved by the specifically designed optic of the LENTIS® T_{plus} IOL.

With modern intraocular lenses like the LENTIS® T_{plus} an optimum correction of your astigmatism and freedom of spectacles can be achieved.

