Additional protection for the retina with violet light filter

External factors such as natural sunlight can be damaging to your visual acuity. A yellow LENTIS® Tplus with violet light filtering technology will filter the damaging UV rays from sunlight and thus 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® Tplus IOL with violet light filter can provide you with optimum visual acuity and protection for your eyes.

The LENTIS® Tplus IOL is specifically designed to improve your contrast sensitivity ensuring even in poor light conditions you have good visual acuity and distance vision.

What LENTIS® Tplus has to offer:

- Customised correction of astigmatism – your LENTIS® Tplus IOL is individually manufactured to provide you with a perfect visual experience without any restrictions.
- The LENTIS® Tplus IOL guarantees high-contrast and colour intensive visual perception of your environment.
- The LENTIS® Tplus IOL will ensure complete spectacle freedom for distance vision.
- The LENTIS® Tplus 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 violet light filtering technology will provide you with:

- Effective protection for the retina thus enhanced AMD prophylaxis.
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® 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 violet light filtering technology. The LENTIS® Toric IOL provides more independence from spectacles and contact lenses.

For basic information on cataracts, please refer to the brochure “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 lenses: the best solutions?

Usually, small amounts of astigmatism can be treated by prescribing spectacles with cylindrically 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.

The low-impact alternative:

Refractive lens surgery and the LENTIS® Toric 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® Toric.

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.