The advantages of a LENTIS® Tplus X

**ADVANTAGES:**

- Customised correction of astigmatism – your lens is individually manufactured to provide you with a perfect visual experience.
- Sharp, high-contrast and colour-intensive visual perception of your environment.
- High degree of spectacle independence for distance vision.

Lenses with violet light filtering technology will provide you with:

- Effective protection for the retina.

**Additional benefit: retina protection**

External factors such as natural sunlight can damage your visual acuity. An intraocular lens with violet light filtering technology will filter the damaging UV rays from sunlight and thus protecting your eyes.

Choosing a lens with violet light filter can provide you with optimum visual acuity and protection for your eyes. In particular under bad light conditions, the specific lens design of the LENTIS® Tplus X improves your contrast sensitivity and your visual acuity with regard to distance vision.

Manufacturer:
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A SHARPER VISION FOR A BETTER QUALITY OF LIFE

Advanced premium intraocular lenses for the treatment of astigmatism
Dear patient,

Improvements in modern eye surgery can provide sharp and clear vision for patients suffering from astigmatism and thus allowing you to enjoy everyday life - hassle free. In addition to the standard intraocular lenses your eye surgeon also offers you toric lenses that have proven advantageous for patients with cataract and astigmatism.

This leaflet will inform you how such a toric intraocular lens can correct your vision and how you may benefit from refractive cataract surgery.

An irregular curvature of the cornea - what does it mean for me?

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 cylindrical glasses and/or by wearing contact lenses which will correct the irregular curvature of the cornea providing slightly 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.

Refractive lens surgery

For patients with severe astigmatism, a satisfying treatment can only be achieved by modern eye surgery, which can correct all forms of astigmatism during one single gentle routine intervention. In patients with astigmatism, precise and stable correction of their vision can be obtained with toric intraocular lenses.

These individually manufactured lenses perfectly compensate 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 90% of patients who had surgery in both eyes will not require further spectacle correction of astigmatism.