

## What LENTIS® Mplus X Toric has to offer

### ADVANTAGES:

- ✕ Ultimate spectacle independence for the best quality of life!
- ✕ Patient matched correction of astigmatism with this individually manufactured lens.
- ✕ This advanced multifocal-toric lens enables natural near vision (30 to 60 cm) and distance vision (as of 200 cm) as well as intermediate vision (60 to 200 cm).
- ✕ It gives you a high degree of spectacle independency for your everyday activities, such as reading, working on the computer or handling your mobile, as well as for active leisure time activities like biking, driving a car or other fitness and sports training.
- ✕ Clinical studies attest this lens a very high patient satisfaction!

Please note that in all cases, always the instructions of your eye specialist are significant and you should follow it accordingly.

### Additional benefit: violet light filter

This special filter changes the transmission of visible light by blocking part of high-energy light. This part of light is suspected to be harmful for retinal cells.

The natural color perception shall ideally remain unchanged. Questionnaires after implantation of intraocular lenses with a violet light filter indicate an improvement in contrast sensitivity and reduction light scattering, especially under poor lighting conditions.



your clinic's contact details:

More information on intraocular lenses:  
[www.teleon-patientinfo.com](http://www.teleon-patientinfo.com)

### Manufacturer:



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LENTIS® Mplus<sup>X</sup>toric

## ULTIMATE SPECTACLE INDEPENDENCE FOR THE BEST QUALITY OF LIFE

Premium intraocular lenses for the treatment of astigmatism and presbyopia



## Dear patient,

Today, modern eye surgery can fulfill your understandable desire to enjoy everyday life again without the support from spectacles, hence hassle free. Besides the traditional standard intraocular lenses your eye doctor also offers “lenses with extra benefits”. Thanks to their special optics design, both patients suffering from cataract or presbyopia and even patients with astigmatism will benefit from them.

**This leaflet shall inform you how such a multifocal-toric lens can correct your vision and how you may benefit from refractive and cataract surgery.**



## Presbyopia

It is the natural human lens alone that manages accommodation of the eye, i.e. the process to change the point of focus from a near object to a distant object. The natural lens consists of a flexible soft mass and its curvature is being controlled by the activity of very tiny muscles. Age-related farsightedness – or presbyopia – is characterised by a gradual loss of flexibility of the natural lens progressing with age. Thus, the accommodation ability of the eye will be reduced continuously.

The hardening of the natural lens will lead to a loss of near vision over the years. Everyday activities – such as reading or working on the computer – will become more and more taxing on the eye. It may become necessary to use glasses or contact lenses in order to see clearly when reading.

## Astigmatism

In patients with astigmatism the cornea of the eye is not evenly “spherically” curved but it is warped more steeply in one direction than in the other. There are two types of astigmatism: genetically inherited “regular” and “irregular” astigmatism. The latter can be caused by eye diseases such as corneal inflammation.

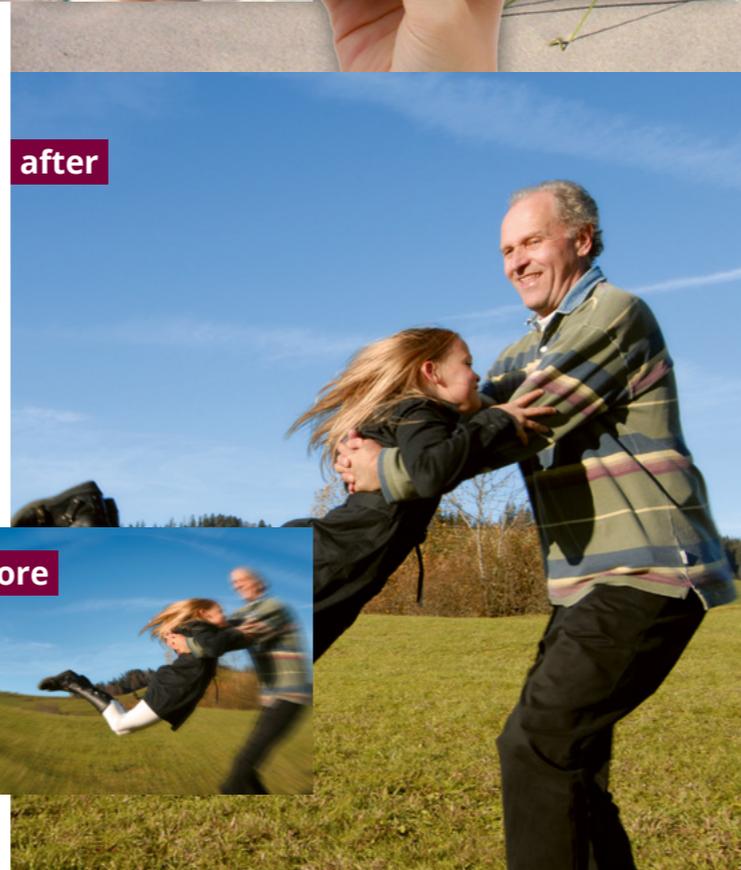
The deformed cornea leads to irregularities in the refractive power of your eye. When you are focusing objects, dots will become rods. Therefore astigmatism is sometimes called “rod vision”: for the patient images and objects will appear more or less “distorted” and it is difficult to see fine detail. In general the vision of the environment is blurred.

after



before

after



before

## Spectacles and contact lenses: the best solutions?

Traditionally, presbyopia and astigmatism are treated by wearing glasses and/or contact lenses. However, for most people permanent use of spectacles or contact lenses will be accompanied by a great impact on quality of life as it means a daily hassle with this vision impairment and consequently a significant restriction in everyday life. In particular, active people who for instance do a lot of sports and exercise activities or those who frequently have to raise or lower their gaze while doing their job often get frustrated with their spectacles and feel they are bothersome and disruptive.

## Ultimate spectacle independence\* for the best quality of life:

Modern eye surgery makes it possible to correct age-related farsightedness and astigmatism at the same time during one single gentle routine intervention. By implantation of a multifocal-toric intraocular lens an optimal correction of age-related farsightedness can be achieved and the patients will be provided again with a sharp near, intermediate and distance vision. Furthermore, a precise and stable correction of astigmatism will be obtained by this individually tailored lens.

*\* Clinical studies have demonstrated that a very high degree of spectacle independence has been achieved in more than 90% of all patients treated with a multifocal-toric lens in both eyes.*