

Schedule a consultation with your eye care practitioner

"By the year 2050 one out of two individuals could be affected by myopia!"

(Brien Holden Vision Institute, Australia)

In general it can be said that **the earlier myopia begins, the higher it will be in adulthood** and the higher will be the risk of developing severe eye diseases later on in life.

This outlook makes it more than clear that early detection and management of myopia are becoming more and more important.

After a thorough analysis your eye care practitioner will advise you about suitable measures to slow down the progression of short-sightedness in your child.

We utilize the Myopia Master[®] for myopia management.

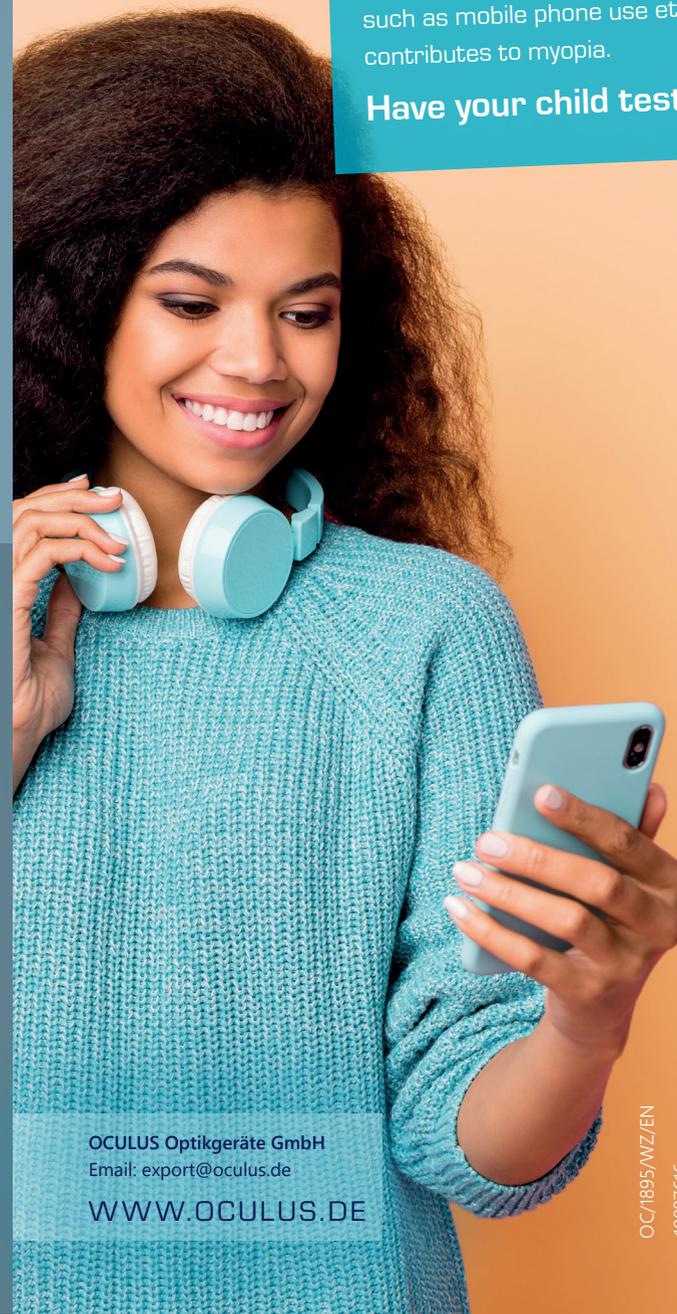
Ask your eye care practitioner to learn more.



This is about our future!

Increased near-sight activity such as mobile phone use etc. contributes to myopia.

Have your child tested!



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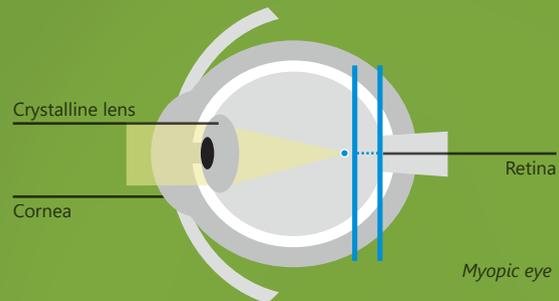
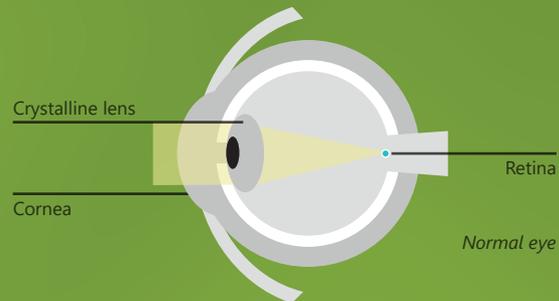
Myopia is on the rise!

Short-sightedness in Children and Adolescents

 OCULUS[®]

Why does my child's vision continue to get worse?

Short-sightedness (also termed myopia) means that near objects are seen sharply, while distant objects appear blurred. An eye is short-sighted either when it is too long or when its cornea and crystalline lens refract the light too strongly. In both cases the focal point comes to lie in front of the retina, resulting in a blurred image.



Myopia can have many causes, for example



Heredity



Frequent near-vision activities



Lack of outdoor activity

Myopia can cause other eye diseases.

As the eye grows longer, the forces acting on the retina increase. This can lead to different types of damage, the most frequent of which is retinal detachment.

At -3.00 D (diopters) myopia already produces a tenfold risk and at -6.00 D even a 16-fold risk of developing an additional disorder.

10x
Higher Risk*
at -3.00 D

16x
Higher Risk*
at -6.00 D

Retinal detachment
Myopic maculopathy
Glaucoma
Cataract

*of developing retinal detachment

Why does it make sense to measure the length of the eye?

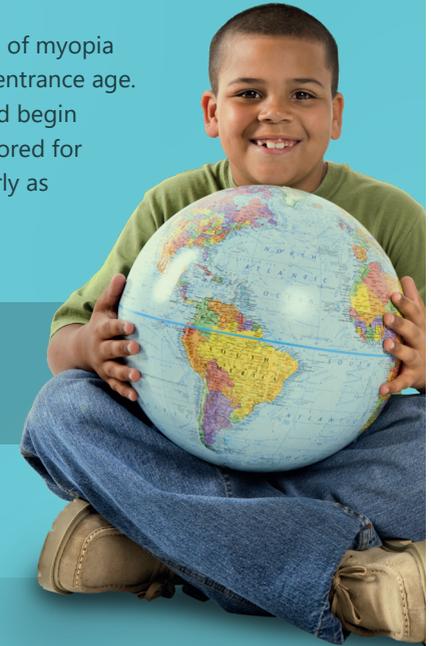
During the first years of life the eye grows until the focal point lies on the retina. As soon as the child reaches normal vision, the eye should stop growing. If it continues to grow, myopia develops. The length of the eye should be measured regularly in order to document its progression.



When should I take my child to a myopia specialist?

The most common form of myopia starts at around school entrance age. Therefore parents should begin having their child monitored for short-sightedness as early as possible.

By 2050, half the world's population will be myopic.



Safety thanks to the Myopia Master®

The OCULUS Myopia Master® performs fast measurements of the most important parameters relating to myopia development. The eye's length is a decisive parameter which should always be taken into account.

The measurement is contactless and painless and takes only two minutes. Every measurement is stored in a patient file. This makes it possible to detect changes early on and keep an eye on them.



contactless measurement



measurement duration



patient file & recommendations