

Give your child  
**a better outlook  
on life.**



**ZEISS MyoCare  
portfolio**

A new spectacle lens design  
aimed to manage myopia  
progression in children.



Seeing beyond

[zeiss.ca/myocare](https://zeiss.ca/myocare)

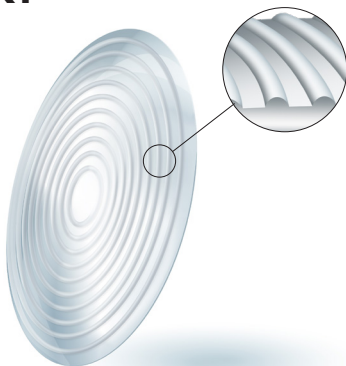
# Myopia treatment options

Myopia in children must be corrected with a visual aid that provides clear, comfortable vision, while also managing progression. Unfortunately, treatments with standard spectacle or contact lenses often don't take excessive eyeball elongation into account, and can't slow down myopia progression.

**ZEISS MyoCare** – Our most effective lens design solution aimed to slow down the progression of myopia in children while providing the same level of comfort and vision as ZEISS single vision lenses.

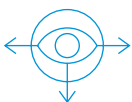


# How do ZEISS MyoCare lenses work?



## **ZEISS C.A.R.E.® technology (Cylindrical Annular Refractive Elements)**

As children grow, their eyes become longer. Myopia develops if eye elongation is more than it should be at a given age. Myopia can be managed by slowing down this excessive lengthening of the eye. MyoCare lenses feature special ring-shaped optical structures on the lens surface. These C.A.R.E.® structures trigger a signal in the back of the eye to slow down excessive growth of the eye and ultimately myopia progression.



## **ZEISS ClearFocus design**

The back surface of the lens is optimised to give your child clear and comfortable vision through the lens, in all viewing directions. ZEISS ClearFocus technology also minimises any blur that can contribute to eye elongation.



## **ZEISS DuraVision coating family**

An anti-reflective coating with scratch resistant properties that is applied to the lens surface to make it more robust – perfect for active young children.



## **ZEISS UVProtect technology**

Full UV protection, which means your child's eyes are protected when they're playing outside.

# What you can do to help your child



- ✓ **Let them play outside!** Research shows that a minimum of 2 hours of intermittent outdoor time per day can prevent or delay the onset of myopia.
- ✓ **Foster good near-work habits:** Try to limit near-vision tasks, like playing on a smartphone or tablet. If your child loves reading, make sure that they take regular breaks. Avoid working distances closer than 20 cm.
- ✓ **Take them for regular eye check-ups.** Early detection is key not just for correcting your child's vision but also for managing their myopia progression as soon as possible. Examine all children above 3 at least annually until they reach 18-20 years of age.
- ✓ **Make sure they wear their Myocare glasses as much as possible!**

# Myopia is a worldwide concern.



• —  $\approx$  **90%** of young people in Asia **below the age of 20** have myopia.

**Myopia is becoming more common in North America**, and there is a clear trend of higher myopia prevalence among younger people. Our lifestyle changes have triggered an earlier onset of myopization in children. Looking at school-aged children, the prevalence of myopia is:

• — **20–30%**  
in secondary school  
(11-17 years old)

• — **11%** in primary school  
(7-10 years old)

• — **3%** in pre-school  
(6 years old)

But **what is myopia** exactly?

Myopia is also called nearsightedness. **It usually results when the eye grows longer than is considered normal.** When a nearsighted person looks into the distance, a blurred image is produced in the eye (on the retina). If progressing myopia is left untreated, it could negatively impact a child's development and quality of life; and lead to longterm vision issues. For example, difficulty with distance vision can affect everyday activities such as classroom work or playing sports.

# Let ZEISS help you give your child the vision care they deserve.

MyoCare design is the **first age-related myopia management solution from ZEISS**. Your eyecare practitioner will advise which design best suits your child's needs, depending on age.



## MyoCare®

for children younger than 10 years



## MyoCare® S

for children 10 years and older

**100%** of children wearing ZEISS MyoCare adapted to the lenses **within 1 day.\***

## ZEISS MyoCare lenses

Ask your eye care professional or visit [Zeiss.ca/myocare](https://www.zeiss.ca/myocare) to learn more.


### Carl ZEISS Vision Inc.

1-800-268-6489

[www.zeiss.ca](https://www.zeiss.ca)

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\* Two-year prospective, double-blind, randomized controlled clinical trial lead by Wenzhou Medical University Eye Hospital, China, 2021, on 78 myopic children wearing ZEISS MyoCare Rx lenses, 72 myopic children wearing ZEISS MyoCare S Rx lenses and 76 myopic children wearing ZEISS Single Vision lenses, for 12 months. Unpublished results.