

# Give your patient a better outlook on life.

Full UV protection

## **ZEISS Myopia Management Lens Solutions**

The most comprehensive myopia management eyeglass portfolio for children.



Seeing beyond

# A large portion of what we learn and experience occurs through our eyes.†



Standard seeyglass lenses do not take the developing eyes of children sufficiently into account. If the visual system of a young child does not perform optimally, it can negatively influence their development:†

- Vision related learning problems.
- Not being able to reach their full potential.
- Missing out on life.

Especially for highly myopic children, it is essential that you give your young patient's visual system **the best optical support**.

**In 2050** nearly **50 %** of the world's population may be myopic.†

The prevalence of myopia progression is becoming a serious problem. Myopia is considered multifactorial. Besides genetic aspects, the main reasons are environmental and lifestyle changes such as:



**Urbanization**



**Digitalization**



**Lifestyle recommendations**  
like outdoor activities

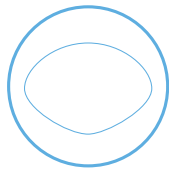
It has been proven by several research projects and studies that the amount of outdoor activity is a factor influencing myopia development and progression: children with higher outdoor activity experience lower prevalence of myopia and lower progression.



# ZEISS MyoVision Pro Individual

The only single vision lens for myopia management.

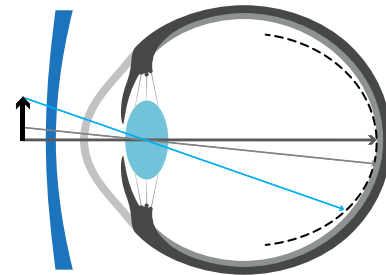
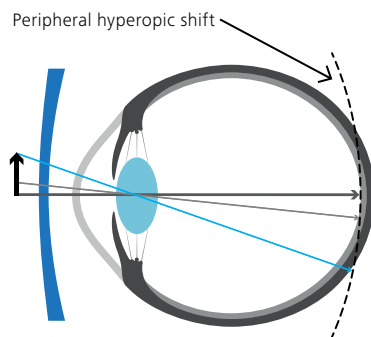
We know that the anatomical and lifestyle needs of children, as well as their lens fitting parameters, may differ from those of adults. That's why we created the next generation of MyoVision® by ZEISS.



## ZEISS MyoVision Design

With standard single vision lenses

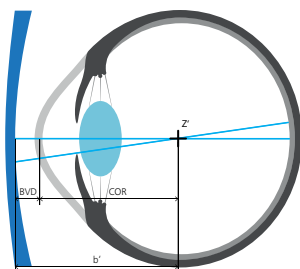
With ZEISS MyoVision Lenses



- Ensures that the image is projected on the retina centrally (for optimal vision) but induces myopic defocus in the periphery (for myopia control effect).
- The correction of the natural peripheral "hyperopic shift" affecting corrected myopic eyes has the effect of sending a signal to the eye to reduce progression of eye elongation, resulting in reduction of the Myopia progression.†



## ZEISS AgeFit Junior Technology



- Ensures the optics are optimized to up-to-date standard position of wear parameters and frame data for children 6–12 years old.
- All of the age-specific parameters in the lens design (e.g. the standard fitting parameters for children like PD, BVD, pantoscopic and wrap angle, and the cornea to centre of eye rotation distance) are taken into account to optimize the optical performance for growing children's eyes.

## Extra protection for your young patients' lifestyles.

Available in all ZEISS Myopia Management Lens Solutions.

**Outside:** Children are supposed to play outside and do sports on a regular basis.

**Outside and Inside:** Children are very active and dynamic while running, playing and moving quickly between indoors and outdoors.

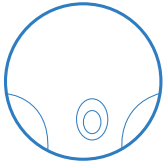
**Digital Devices:** Today, children grow up in a digital world, using digital devices throughout their day.



# ZEISS MyoKids Lenses

The new progressive addition lens for myopic children.

Progressive addition lenses have been developed and successfully tested for myopia management in the last 20 years on the assumption that alleviating the intense near vision tasks of children can be beneficial for managing myopia progression.<sup>†</sup> ZEISS MyoKids lenses are especially designed for the needs of children.



## ZEISS MyoKids Design

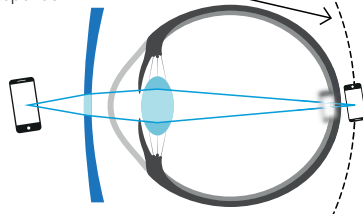


## ZEISS Digital Inside Technology

**With standard single vision lenses:**

Lag of accommodation during near vision tasks.

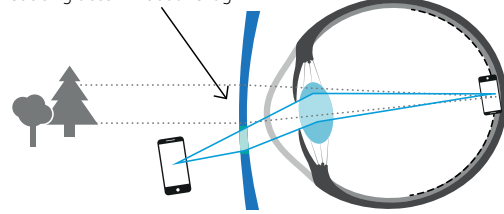
Hyperopic shift due to insufficient accommodative response.



**With ZEISS MyoKids Lenses:**

Accommodative Lag Management and Digital Inside Technology.

Add power with special near vision design reducing accommodative lag.



- The new design can reduce the lag of accommodation up to 30% better than traditional progressive lenses.<sup>†</sup> This is known to potentially result in a reduction of myopia progression.
- The high negative gradient of refracting power surrounding the near zone provides children with a better stimulus that leads to a lower lag of accommodation and facilitates a natural posture during near vision tasks.<sup>†</sup>
- Most children between the ages of 6-12 use digital devices on a daily basis.<sup>†</sup> Digital Inside Technology optimizes the lens for children's modern lifestyle.



## ZEISS AgeFit Junior Technology

### ZEISS Solution

#### ZEISS UVProtect

A standard feature in clear ZEISS lenses.

#### ZEISS PhotoFusion

An additional solution.

#### ZEISS DuraVision BlueProtect

An additional solution.



### Light conditions



#### Dynamic lifestyle solutions (indoor & outdoor)



#### Indoor solutions



### Key benefits

Provide full UV protection for the eye and the surrounding skin.

One of the fastest self-tinting lenses in the market to protect young eyes against UV and glare.

Reduce the transmission of intense artificial blue light to lower the risk of eye strain.

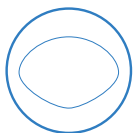


## You can offer excellent care to your youngest patients.

With the support of ZEISS.

With the resources of an optical powerhouse, ZEISS developed **the most comprehensive eyeglass portfolio to manage the progression of myopia, specially designed for children aged 6 to 12.**

The ZEISS portfolio is based on the two leading scientific approaches using ophthalmic lenses, which are targeted at managing the progression of myopia. These two new designs provide advanced properties enabled by more recent research and state-of-the-art freeform technologies.



### ZEISS MyoVision Pro Individual

Applying the principles of **Peripheral Defocus Management.**

#### Key benefits:

- Managing peripheral hyperopic defocus, with the goal of reducing myopia progression in children's eyes.
- Designed for children, with consideration to their anatomical and lifestyle needs.
- Easy dispensing, handling and fast adaptation times.



### ZEISS MyoKids Individual

Applying the principles of **Accommodative Lag Management.**

#### Key benefits:

- Greater reduction of accommodative lag, depending on the object distance.†
- ZEISS Digital Inside Technology supporting near vision tasks and the digital lives of children.
- Designed for children, with consideration to their anatomical and lifestyle needs.

## Availability:

ZEISS MyoVision Pro Individual		Material	Diameter**	Colour	Rx Range*	Cyl	
Specify OC	1.5 Hard Resin		72	Clear	-6.00 to 0.00D	-2.00D	
	1.6 High Index		73	Clear	-9.50 to 0.00D	-4.00D	
	1.67 High Index		73	Clear	-9.50 to 0.00D	-4.00D	
ZEISS PhotoFusion Self-Tinting Lenses							
	1.5 PhotoFusion		72	Grey & Brown	-6.00 to 0.00D	-2.00D	
	1.6 PhotoFusion		73	Grey & Brown	-9.50 to 0.00D	-4.00D	
	1.67 PhotoFusion		70	Grey & Brown	-9.50 to 0.00D	-4.00D	
ZEISS MyoKids Individual		Material	Diameter**	Colour	Rx Range*	Cyl	Add Power
14mm minimum fit height	1.5 Hard Resin		75/80	Clear	-7.00 to 0.00D	-4.00D	1.00 to 2.50D
	1.6 High Index		75/80	Clear	-10.00 to 0.00D	-6.00D	1.00 to 2.50D
	1.67 High Index		70/75	Clear	-12.00 to 0.00D	-6.00D	1.00 to 2.50D
ZEISS PhotoFusion Self-Tinting Lenses							
	1.5 PhotoFusion		75/80	Grey & Brown	-7.00 to 0.00D	-4.00D	1.00 to 2.50D
	1.6 PhotoFusion		75/80	Grey & Brown	-10.00 to 0.00D	-6.00D	1.00 to 2.50D
	1.67 PhotoFusion		70/75	Grey & Brown	-12.00 to 0.00D	-6.00D	1.00 to 2.50D

\* Rx range based on sphere powers. \*\* Full diameter not available in all Rx ranges. Contact us for details.

## Research you can trust.

ZEISS MyoKids design is based on research with the Institute for Ophthalmic Research, Tübingen and has been tested with over 250 myopic children.

**9 out of 10**  
parents would buy the  
lenses for their children.†

**91%**  
of children adapted to the new  
lenses in less than 1 week  
(even 40% within 1 day or less).†

Learn more about ZEISS Myopia Management Lens Solutions at [www.zeiss.ca/myopiamanagement](http://www.zeiss.ca/myopiamanagement)

### Carl Zeiss Vision Inc.

1-800-268-6489  
[www.zeiss.ca](http://www.zeiss.ca)

Follow ZEISS Vision Care on social media! Find us at:

Twitter: @ZEISSvisionCA | Facebook: ZEISSVisionCare.Canada | Instagram: ZEISSVisionCare\_Canada



Seeing beyond

Made and  
Manufactured in Canada

† Please refer to the ZEISS website for sources.

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