

**The smart way to  
treat your child's  
myopia.**

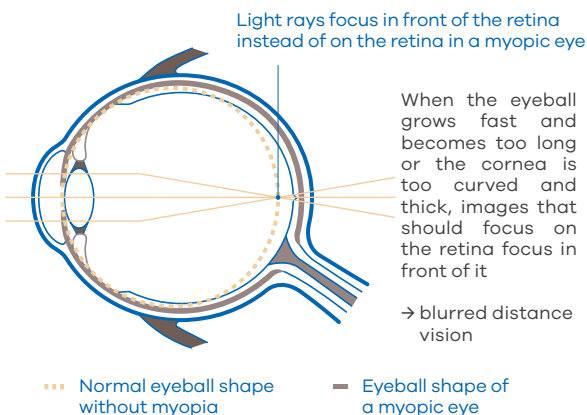


**HOYA**

# What is myopia?

Nothing is more important than the health and well-being of your child. Now and into the future, you want to see your child thrive. You may have noticed your child struggling to see clearly at a distance, making it harder to concentrate at school and have a fulfilling experience at play. Your child may have myopia, also called near-sightedness. If left untreated in children, it can lead to lasting vision problems.

## Illustration of a Myopic Eye



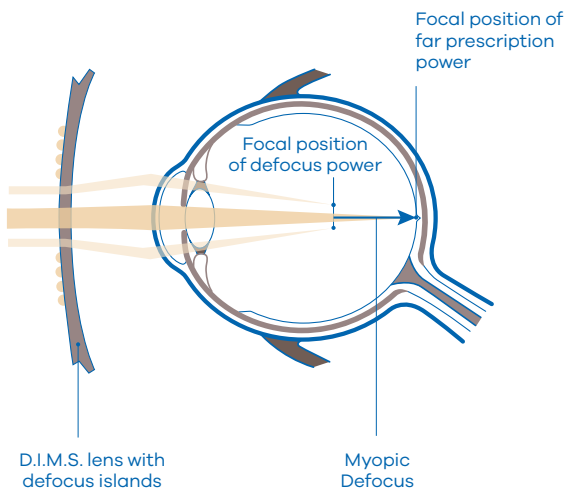
The incidence of myopia is expected to increase significantly<sup>1</sup> as lifestyles change, with children taking part in more near-work activities like using digital devices, studying, reading and spending less time outdoors. Hereditary, behavioural and environmental factors also play a part.

<sup>1</sup> Holden B.A., Fricke T.R., Wilson D.A., Jong M., Naidoo K.S., Sankaridurg P., Wong T.Y., Naduvilath T.J., Resniko\_ S. Global Prevalence of Myopia and High Myopia and Temporal Trends from 2000 through 2050. American Academy of Ophthalmology. 05/2016, vol.123, no. 5, p.1036–1042.  
<https://doi.org/10.1016/j.ophtha.2016.01.006>

# How MiYOSMART works.

**Cutting edge research conducted by The Hong Kong Polytechnic University showed that myopia progression can be controlled by providing clear vision and constant myopic defocus simultaneously.**

## Principles of how D.I.M.S. Technology works in MiYOSMART



The D.I.M.S. technology in MiYOSMART was clinically proven to succeed in the control of myopia progression. In 2018, it won the prestigious Grand Prize, Grand Award and Special Gold Medal at the 46<sup>th</sup> International Exhibitions of Inventions of Geneva, Switzerland. In 2020, it won the Silmo d'Or Award in the Vision category at the Silmo Paris Optical Fair.



# Myopia is a growing problem and global concern.

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An estimated **5 billion people**, or **half of the global population**, could be affected by short-sightedness by **2050**.<sup>1</sup>

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Research shows that **more time spent on near-work activities** is associated with a **greater likelihood of myopia**.<sup>3</sup>

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<sup>3</sup> Huang H-M, Chang DS-T, Wu P-C. The Association between Near Work Activities and Myopia in Children —A Systematic Review and Meta-Analysis. 2015. PLoS ONE 10(10): e0140419. <https://doi.org/10.1371/journal.pone.0140419>.

# A clinically proven, safe, effective and non-invasive method to manage myopia.

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## **MiYOSMART lenses are an innovative solution for managing myopia in children.**

Beyond correcting myopic refractive error, a two-year clinical trial shows that MiYOSMART lenses with D.I.M.S. (Defocus Incorporated Multiple Segments) technology works with slowing down myopia progression on average by 60% and halt myopia progression by 21.5%.<sup>2</sup> This goes a long way towards protecting your child's vision and well-being in the long-term.

By slowing down the progression of myopia and its associated eyesight deterioration, children can enjoy their lives more by seeing clearly.

<sup>2</sup>Lam CSY, Tang WC, Tse DY, Lee RPK, Chun RKM, Hasegawa K, Qi , Hatanaka T, To CH. Defocus Incorporated Multiple Segments (DIMS) spectacle lenses slow myopia progression: a 2-year randomized clinical trial. British Journal of Ophthalmology. Published Online First: 29 May 2019. doi:10.1136/bjophthalmol-2018-313739



# Better vision. Better protection.

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## D.I.M.S. Technology

- A non-invasive solution that corrects short-sightedness while effectively slowing down myopia progression by 59%<sup>2</sup> at the same time
  - Slows axial eye growth by 60%<sup>2</sup>
  - Halts myopia progression by 21.5%<sup>2</sup>
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## Eye Shield

- Impact resistant material that keeps active kids safe
- Provides UV protection



# Care goes beyond the lens.

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## Spend time outdoors.

Research showed that spending time outdoors may reduce the risk of myopia and its progression.<sup>4</sup>



## Seek regular eye care.

Have your child's eyes checked regularly to ensure that myopia or other vision problems are detected and treated early, reducing the worsening of vision, myopia progression and potential complications of high myopia.



## Gives eyes a break.

Reduce your child's eye strain by reminding him or her to take breaks from intensive screen time or near-work.



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<sup>4</sup> Shah R.L. et al, Time outdoors at specific ages during early childhood and risk of incident myopia. Investigative ophthalmology & visual science. 2/2017, 58(2) pp 1158-1166

# Why MiYOSMART?

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**Unique, innovative solution**  
for **controlling myopia.**

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**Clinically proven**  
effectiveness in **slowing down**  
**myopia progression.**

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**Child-friendly, easy to adapt**  
and **non-invasive.**

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**For more information on MiYOSMART  
lenses, speak to your local Eye Care  
Professional today.**

**HOYA**

**hoyavision.ca**

MiYOSMART lenses may not be able to address individuals' conditions due to natural deficiencies, illness, pre-existing medical conditions and/or advanced age of consumers. The information contained herein is general information and is not intended to constitute medical advice. Please consult your Eye Care Professional for more information prior to the use of MiYOSMART lenses.

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