



Educating Eye Care Professionals In Partnership With Myopia Profile

Myopia Profile and Essilor join forces to tackle childhood myopia through education and awareness

World's largest and most popular multi-platform digital suite for myopia management.

Partnership to educate and boost knowledge-sharing among eye care professionals, educational content housed on MyopiaProfile.com.





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Promoting Public Awareness Of Childhood Myopia With Global Myopia Awareness Coalition

Essilor is a founding member of Global Myopia Awareness Coalition, an industry-wide collaborative effort on myopia

Committed to raising public awareness of childhood myopia and awareness with governments, NGOs and other health care associations



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Myopia Onset and Progression: Causes

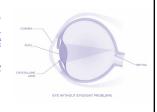
What exactly is Myopia?

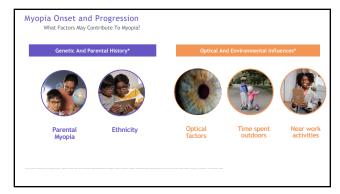
Nearsightedness or Myopia

Nearsightedness or Myopia Vision condition in which people can see close objects clearly, but objects farther away appear blurred. Occurs if the epaball is too long or if the optical power of the eye is not adapted to its length. Thus, light rays entering the eye are not focused correctly, and distant objects appear blurred.

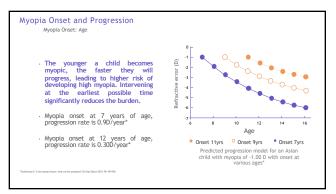
Condition in which the spherical equivalent refractive error is $\rm s - 0.50$ diopter (-0.50 D) in the eye when ocular accommodation is relaxed².

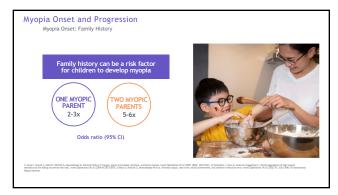
 $\label{eq:high-Myopia} \begin{tabular}{ll} High Myopia & Condition in which the spherical equivalent refractive error is $\le -6.00 D in the eye when ocular accommodation is relaxed. A threshold of $\le -5.00D is also found in literature 3. \end{tabular}$

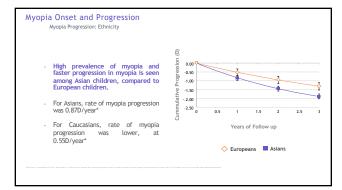




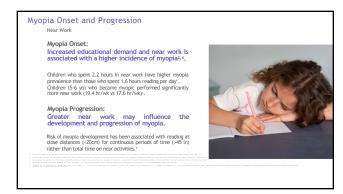
Refractive status Refractive status Young children are expected to be slightly hyperopic Lower hyperopia than expected for age can indicate risk of myopia development Risk factor for future myopia is if a child is +0.500 or less at age 6-7* Age (Years) Refraction 6 +0.750 or less 7 to 8 +0.500 or less 9 to 10 +0.250 or less 11 emmetropia Age normal cut-offs based on an ethnically diverse U.S. study of more than 4,500 children*.

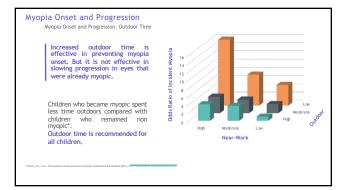


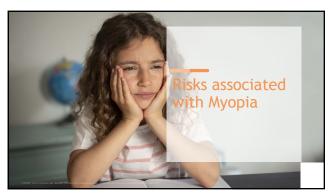


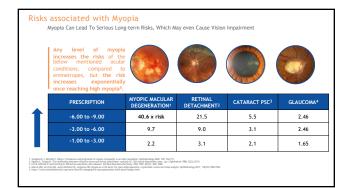


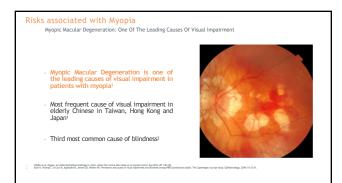


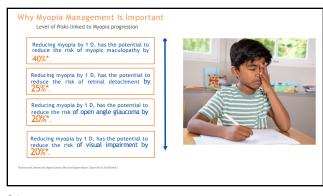














Myopia Management and Solutions Myopia Correction Vs. Myopia Management

- down myopia progression.

 ⇒ Refractive correction of progressing myopes should be updated regularly

Undercorrection:

Myopia Correction

Myopia Correction

Provides good central vision.

Process of correcting the reproduction of myopia by ~0.75 to compared with full correction, shown to worsen myopia progression.

May be due to peripheral and central blur, stimulating axial length growth.

Not encouraged as it has not shown to be successful in slowing down myopia progression.

- Provides good central vision and slows down myopia progression.
 Aimed to delay development or slow myopia progression to avoid or reduce the risk of potential pathologies in later life³,
- Includes multiple options over the long term as myopia develops May be modified depending on the result of the myopia progression

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Myopia Management and Solutions Interventions For Myopia Management

The progression of myopia may be slowed down with myopia management solutions, reducing the number of sight-threatening eye diseases in the years to come



Spectacle Lenses Progressive lenses/Bifocals Peripheral Defocus lenses Dual Focus lenses Spectacle lenses with aspherical lenslets

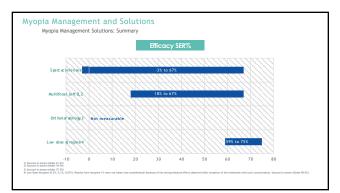


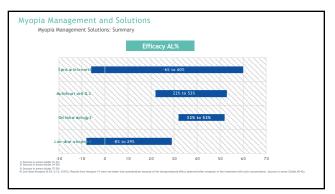
Contact Lenses Multifocal CL Extended Depth of Focus CL Dual Focus CL Orthokeratology

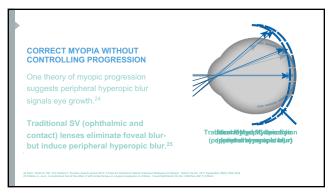


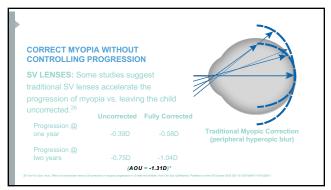
Atropine



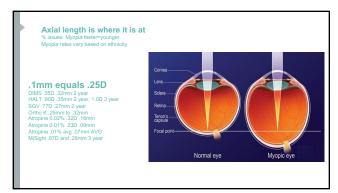


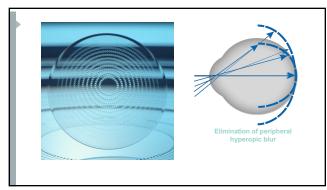






ENHANCED SV LENSES Enhanced SV lenses feature a "boost" of plus power in the bottom of lens- reducing hyperopic blur (and in some cases creating myopic blur) in the superior periphery. Tractificanal Mysopic Gresses No (redufats in bread flats i









TO SEE MORE TO PLAY MORE TO LEARN MORE

TO BECOME MORE

"Children do not make up 100% of our population today, but they do make up

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