

MyoFitTM
2.0



ENGINEERED FOR EFFECTIVE
Myopia Management

**Lens** Shapers

Myopia

A Growing Concern



Over the past few decades, myopia has evolved from being a relatively minor condition to becoming a global health epidemic. It is projected that by 2050, half of the world's population — nearly 5 billion people — will be affected by myopia, with a significant proportion developing high myopia.

Key factors contributing to the rise in myopia:

Increased Screen Time

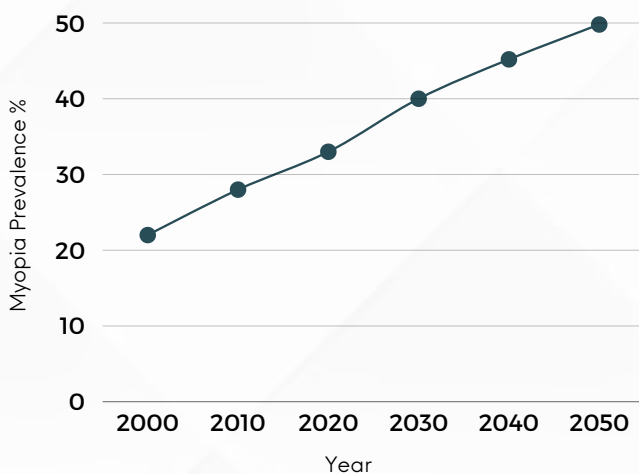
The growing use of smartphones, tablets, and computers, especially among children, is leading to longer hours of near work, which has been shown to increase the risk of myopia development.

Lack of Outdoor Time

Studies suggest that spending less time outdoors and more time indoors, particularly in early childhood, can lead to a higher risk of developing myopia.

Genetic Predisposition

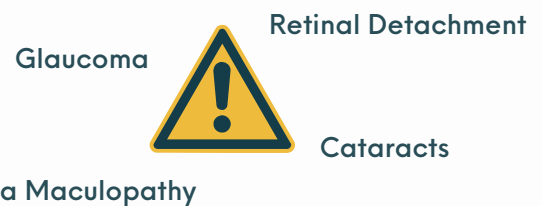
Children with one or both myopic parents are at a higher risk of developing myopia, but environmental factors like near work and insufficient time outdoors can exacerbate this predisposition.



An estimated 50% of the world's population will be myopic by 2050. ⁽¹⁾

Risks of Untreated Myopia

If left unchecked, myopia can progressively worsen, leading to high myopia. High myopia significantly increases the risk of serious eye conditions. These complications can result in irreversible vision loss, highlighting the importance of timely intervention and management.



As the prevalence of myopia continues to rise, the role of eye care professionals has never been more critical. Early intervention, regular eye exams, and the adoption of advanced myopia control technologies are essential to preventing the severe complications associated with progressive myopia.

Lifestyle Recommendations

Eye care professionals play a crucial role in making lifestyle recommendations to help manage and control myopia progression. These recommendations often complement optical and pharmacological interventions by addressing environmental and behavioural factors that influence myopia development.



Encourage Outdoor Time

Advise patients and parents to incorporate outdoor activities in daily schedule.



Regular Breaks from Near Work

Promote regular breaks from long, intensive screen time or near work.



Regular Eye Exams

Essential for detecting myopia at its earliest stages and monitoring progression.

(1) Holden BA, Fricke TR, Wilson DA, Jong M, Naidoo KS, Sankaridurg P, Wong TY, Naduvilath TJ, Resnikoff S, Global Prevalence of Myopia and High Myopia and Temporal Trends from 2000 through 2050,



MyoFit 2.0

For Myopia Management

M.I.R.A.D.

Micro-Infused RAdial Defocus Technology

Distributed through 12 layers of equidistant radial ring belts, the MIRAD technology incorporates 552 micro-infused elements. The design produces a +3.00 to +4.00D forward defocus effect, which helps form peripheral images that align with the curvature of the retina. As a result, the light focuses slightly in front of the retina, creating a myopic defocusing effect and slowing down axial eye growth, which contributes to managing myopia progression.

Clear Central Vision

A central optical zone of ~12 mm in diameter where no defocus occurs, ensuring that the wearer enjoys clear and crisp vision for everyday tasks.

Gradual Defocus Zone

The transition from clear central vision to peripheral defocus is smooth and gradual, allowing wearers to adapt comfortably to the lenses without compromising visual acuity.

MyoFit 2.0

MyoFit 2.0 is an innovative lens solution specifically designed to address the growing challenge of myopia progression in children and young adults. At its core lies MIRAD, a groundbreaking technology that delivers precise and effective myopia management.



Micro-transparent technology



Equidistantly scattered radial ring belt



Variable Defocus

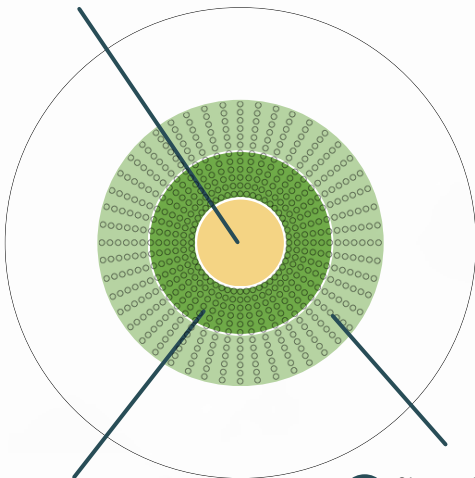


Vision Zone Focused

An Innovative Lens Design

A unique arrangement of micro-infused elements around the lens's periphery creates a controlled, radial defocus pattern. This peripheral defocus helps counteract the elongation of the eyeball — the root cause of myopia progression.

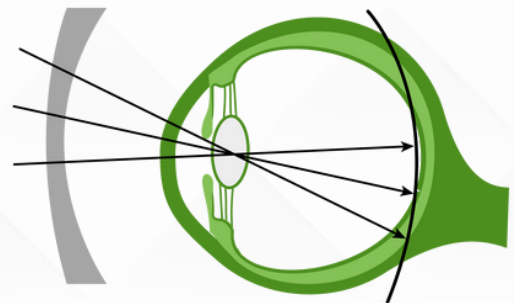
A Correction Zone: 12 mm clear central zone for correction



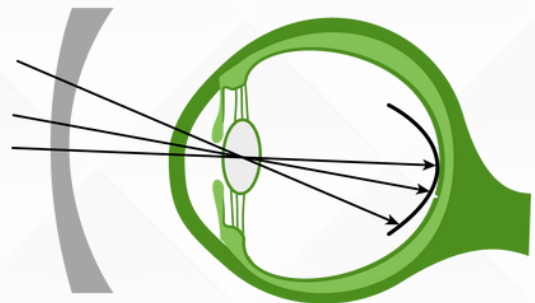
B Intense Zone: Closely arranged elements in Rings 1 to 6

C Slow release zone: Rings 7 to 12

M.I.R.A.D. technology can slow down myopia progression by controlling eye elongation.



Regular Lenses

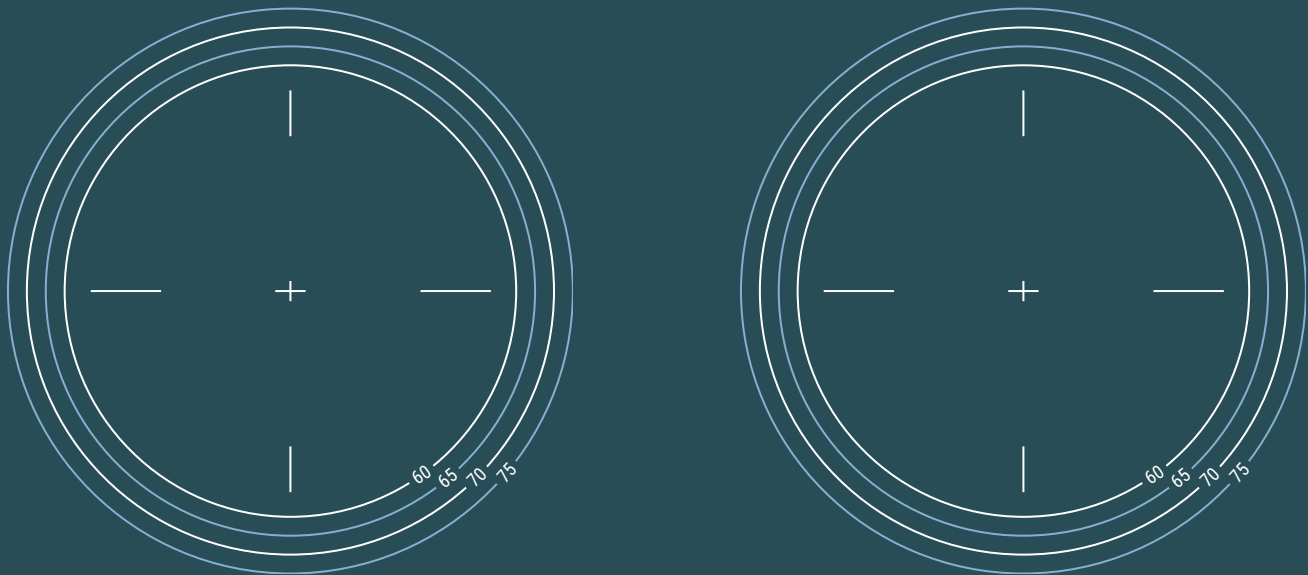


MyoFit 2.0 Lenses

Availability Range

Technology	M.I.R.A.D.
Material & Index	Polycarbonate 1.59
Power Range	Combined: PL to -11.00, Cyl: -8.00, Prism: Up to 5.00D
Central Clear Zone	12 mm diameter
Defocus Zone	+3.00 to +4.00 variable defocus
Coatings	Easy Clean AR, Easy Clean AR UV, BlueFilter EC AR, PROTECTA Coatings
Warranties	90 days satisfaction, 12 months Rx change, 1 - 2 years coating
Fitting	Fit at pupil center. Monocular PD & OC height are required.

MyoFit 2.0 Centration Chart



Myopia Management Plan

Initial Visit: Assess & Prescribe

A complete assessment of the patient's visual health & history to establish the suitability for MyoFit 2.0 lenses. The patient should be advised about the adaptation period of up to 2 weeks and educated about the importance of wearing the lenses full-time.

Follow-Up Visits: Monitor & Care

2-Week Visit: Evaluate adaptation to MyoFit 2.0 lenses, lens fitting, and initial feedback from the patient and guardians. Address any concerns or adjustment needs.

6-Month Visit & Beyond: Biannual follow-ups are highly recommended to monitor myopia progression, evaluate lens condition, and track patient compliance.