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ORIGINAL ARTICLE

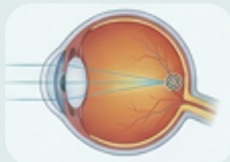
REVIEW ARTICLE

Optical Interventions for Myopia Control

Modern optical management prioritizes progression control over simple refractive correction, because pediatric myopia's axial elongation raises the risk of severe vision complications.

Principle of Optical Myopia Control

Emmetropia



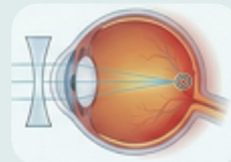
Images focusing perfectly on the fovea and peripheral retina

Uncorrected Myopia



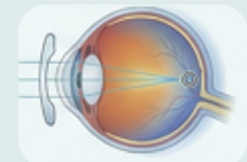
Images focusing in front of the fovea but behind peripheral retina

Standard Correction



Foveal focus is restored, but peripheral images remain behind peripheral retina (Hyperopic Defocus)

Myopia Control Lenses



Foveal focus is preserved, and peripheral images are shifted in front of the retina (Myopic Defocus)

Optical Interventions



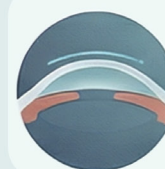
Myopia Control Spectacles

32% – 62%
Reduction of axial growth



Soft Contact Lenses

29% – 52%
Reduction of axial growth



Orthokeratology

36% – 46%
Reduction of axial growth

SCAN FOR FULL TEXT



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