

**Keywords:** Myopia; Refractive surgery; Optical lenses

## Introduction

Myopia is a condition where objects appear blurry at a distance. It occurs when the eye's lens focuses light incorrectly, causing images to form behind the retina. This can be corrected by wearing glasses or contact lenses, or through surgical procedures like LASIK.

## Methodology

For myopia management, various methods are used. These include corrective lenses (glasses or contact lenses), orthokeratology (Ortho-K) for overnight wear, and atropine eye drops to reduce eye strain. Lifestyle modifications such as regular exercise and proper diet also play a role in maintaining eye health.

## Management strategies

Wear corrective lenses, avoid screens, and maintain a healthy lifestyle.

**Corrective lenses:** Eye care professionals prescribe lenses based on your visual needs. They can be made from different materials like plastic or glass.

**Orthokeratology (Ortho-K):** Orthokeratology involves wearing special contact lenses overnight to reshape the cornea. This treatment is temporary and requires strict hygiene.

**Atropine eye drops:** Atropine eye drops are used to dilate the pupil and reduce eye strain. They are often used for children with accommodative esotropia.

**Lifestyle modifications:** A healthy diet, regular exercise, and avoiding prolonged screen time are important for overall eye health. Proper lighting and posture also contribute to better vision.

**Surgical interventions:** LASIK is a common surgical procedure for myopia correction. It uses a laser to reshape the cornea. Other options include PRK and SMILE.

Medical treatments for myopia include corticosteroids and anti-muscarinics. These medications can help reduce eye strain and improve symptoms.

Refractive surgery is a permanent solution for myopia. It involves changing the shape of the eye's lens to focus light correctly on the retina.

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## Conclusion

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## References

1. Nowlin WH, Vanni MJ, Yang H (2008) Comparing resource pulses in aquatic and terrestrial ecosystems. Ecology by the Ecological Society of America 89: 647-659.
2. Kautza A, Sullivan SMP (2016) The energetic contributions of aquatic primary producers to terrestrial food webs in a mid-size river system. Ecology by the Ecological Society of America 97: 694-705.
3. Beasley JC, Olson ZH, De Vault TL (2012) Carrion cycling in food webs: comparisons among terrestrial and marine ecosystems. Nordic Society Oikos 121: 1021-1026.
4. Cheng-Di D, Chih-Feng C, Chiu-Wen C (2012) Determination of Polycyclic Aromatic Hydrocarbons in Industrial Harbor Sediments by GC-MS. Int J Environ Res Public Health 9: 2175-2188.
5. Nasher E, Heng LY, Zakaria Z, Salmijah S (2013) Assessing the Ecological Risk of Polycyclic Aromatic Hydrocarbons in Sediments at Langkawi Island, Malaysia. The Scientific World Journal 13.
6. López GI (2017) Grain size analysis. Encyclopedia of Earth Science Series Encyclopedia of Geoarchaeology, Allan S Gilbert Springer 341-348.
7. Bhatta LD, Sunita CH, Anju P, Himlal B, Partha JD, et al. (2016) Ecosystem Service Changes and Livelihood Impacts in the Maguri-Motapung Wetlands of Assam, India. Land 5: 15.
8. Intergovernmental Panel on Climate Change (2007) Climate Change: Impacts, Adaptation and Vulnerability. Cambridge University Press, New York.
9. Dechasa F, Feyera S, Dawit D (2019) Determinants of Household Wetland Resources Use and Management Behavior in the Central Rift Valley of Ethiopia. Environ Sustain 2: 355-368.
10. Deka S, Om PT, Ashish P (2019) Perception-Based Assessment of Ecosystem Services of Ghagra Pahar Forest of Assam, Northeast India. Geol Ecol Landsc 3: 197-209.