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World Society of Paediatric
Ophthalmology and Strabismus

Myopia Consensus Statement

2023 Findings



NEW UPDATED VERSION!

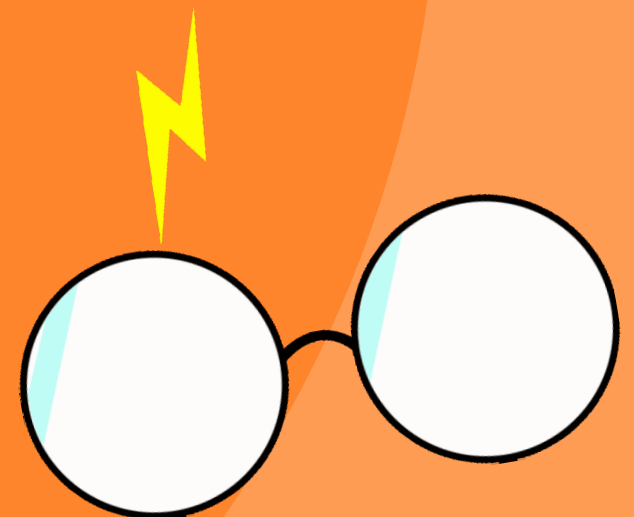
Prevalence

Myopia, commonly called near-sightedness, is the most common human eye disorder in the world.



Burden

Not only is there a socio-economic burden, there is a significant increased odds ratios for myopic maculopathy, retinal detachment, cataracts, and glaucoma, even for low and moderate levels of myopia and these odds ratios increase further with higher levels of myopia.



Interventions

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What Does Not Work :

- Undercorrection
- Pin hole glasses
- Blue light blocking glasses
- Bifocal glasses
- Progressive addition spectacle lenses
- Peripheral plus/defocus correcting spectacle lenses
- Day time single vision soft contact lenses/rigid gas permeable contact lenses:



Interventions

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What Appears To Work:

- **Behavioral Interventions**

1. Increased time spent outdoors
2. Reduced time on Smartphones/
Near Digital Devices/Near Tasks

- **Optical Treatment**

1. Spectacle Lenses
2. Contact Lenses

- **Pharmacological Treatment**

1. Atropine Eyedrops



Conclusions

There is sufficient evidence to warrant the adoption of myopia prevention and control measures in clinical practice in children with progressive myopia of childhood. Although there remain gaps in knowledge about mechanism of action and long-term outcomes, the benefits outweigh the risks if they are appropriately managed.





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