

NEAR OCULAR PHORIA EVOLUTION IN A PAEDIATRIC POPULATION WHO WEAR CONTACT LENSES FOR MYOPIA CONTROL IN EIGHTEEN MONTHS

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OBJECTIVE

To check the evolution of near phoria status in children wearing four different contact lenses (CL) for myopia control over a period of eighteen month.

CONCLUSION

These four myopia control contact lenses studied here did not affect near phoria over eighteen months.

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METHODS

- Sixty children (11.03 ± 1.34 years) were randomly assigned to a CL group
- Two aspherical CL design and 2 Extended Depth of Focus (EDOF) CL design
- Near phoria status was measured in four separated sessions six months apart each other using the gold standard method alternating Cover Test

RESULTS

No statistical differences were found between any session in any group

GROUP	p
1. Comflicon A aspherical +2.00D defocus	0.091
2. Filcon 2 aspherical +2.00D defocus	0.333
3. Filcon 5B EDOF +1.50D defocus	0.411
4. Filcon 5B EDOF +2.25D defocus	0.445