

contact lenses for kids







Benefits

- ★ Corrects vision and treats myopia at the same time¹
- mproved quality of life in children and teens^{2,3}
- **mproved participation** in activities^{2,3}
- * Improved confidence and self-perception 3.4

Ease of use

- 95% of children learn to handle lenses at their first visit: **Average training time = 30mins**⁵
- Children 8-12yrs only require 10 mins more to learn handling than children 13-17yrs⁶
- Children quickly improve in lens application time

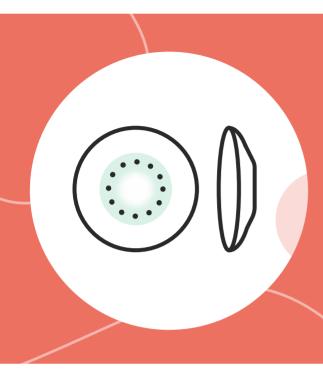


Average time taken to apply after:

1 week = 8.2 mins

1 month = 4.3 mins

3 months = 3.2 mins



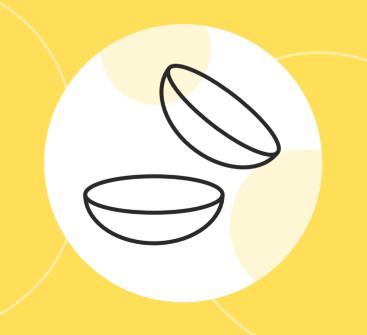
Ortho-k

No daytime wear of contact lenses:

- Parents can oversee entire process of handling and wear at home¹
- Less ocular dryness and discomfort symptoms compared to soft lens wear (in adults)⁸
- Reduced risk of acanthamoeba infection in water sports compared to soft lens wear⁹

Daily disposable

- O No lens cleaning required¹⁰
- O Simple to fit, requiring less consultations¹¹
- Improved patient compliance¹²
- Lower rate of adverse events compared to reusable contact lenses¹³



Suitability checklist 1,10

Are parents willing to be part of the contact lens plan?

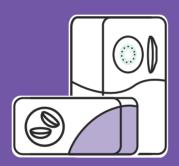
Can the child follow instructions, handle & care for the lenses?

Are the child and parent(s) motivated to seek the benefits of contact lenses?

Do they have healthy anterior eyes?



Prescribing decisions¹⁴



- What products are available to you?
- What will best suit refraction and/or ocular health?
- ✓ What may best suit the family?

Where to start 10.15

- Have you heard about contact lenses?
- Are you playing sports?
- Are there times you wish you didn't wear glasses?
- Are you losing or breaking your glasses regularly?

Safety profile

- Prisk of adverse events in children ≤12yrs appears to be lower than the risk for teens and adults¹⁶
- ▶ Risk of microbial keratitis in patient-wearing years:
 - ▶ 2 per 10,000 for daily disposable contact lenses¹³
 - ▶ 12 per 10,000 for reusable soft contact lenses^{13,17}
 - ▶ Between **5 per 10,000** and **14 per 10,000** for ortho-k





No water should be used in any part of the lens care process⁹



For more information on contact lenses for kids visit **mykidsvision.org**

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Speak to your eye care practitioner about whether myopia management contact lenses are a good treatment for your child's myopia.

Contact lens wear is not without risks. Consult an eye care professional before wearing.

Always wash hands thoroughly before handling lenses. Wear only in accord with a prescription from an eye care professional and always follow product documentation to ensure proper use.

References

1. Walline JJ, et al. Benefits of contact lens wear for children and teens. Eye Contact Lens. 2007;33(6 Pt 1):317-321. 2. Santodomingo-Rubido J et al. Myopia control with orthokeratology contact lenses in Spain: a comparison of vision-related quality-of-life measures between orthokeratology contact lenses and single-vision spectacles. Eye Contact Lens. 2013 Mar;39(2):153-7. 3. Walline JJ, et al. Randomized trial of the effect of contact lens wear on self-perception in children. Optom Vis Sci. 2009;86:222-232.4. 4. Paquette L, et al. Contact lens fitting and training in a child and youth population. Cont Lens Ant Eye. 2015 Dec;38(6):49-23. 5. Walline JJ, et al. Contact Lenses in Pediatrics (CLIP) Study: chair time and ocular health. Optom Vis Sci. 2007 Sep;84(9):896-902. 6. Li L, et al. Contact lenses in pediatrics study in Singapore. Eye Contact Lens. 2009 Jul;35(4):188-95. 7. Vincent SJ, et al. CLEAR - Orthokeratology. Cont Lens Anterior Eye. 2021 Apr;44(2):240-269. 8. Duong K, et al. Treating Uncomfortable Contact Lens Wear With Orthokeratology. Eye Contact Lens. 2021 Feb 1;47(2):74-80 9. Ibrahim YW, et al. How Could Contact Lens Wearers Be at Risk of Acanthamoeba Infection? A Review. J Optom. 2009;2(2):60-6. 10. Wolffsohn JS, et al. CLEAR - Evidence-based contact lens practice. Cont Lens Ant Eye. 2021 Apr;44(2):368-397. 11. Gifford KL, et al. IMI - Clinical Management Guidelines Report. Inv Ophthalmol Vis Sci. 2019 Feb 28;60(3):M184-M203. 12. Dumbleton K, et al. Compliance with contact lens replacement in Canada and the United States. Optom Vis Sci. 2010 Feb;87(2):131-9. 13. Stapleton F, et al. The Incidence of Contact Lens Related Microbial Keratitis in Australia. Ophthalmol 2008;115:1655-1662. 14. Brennan NA, et al. Efficacy in myopia control. Prog Retina Eye Res. 2021 Jul;83:100923. 15. Rah MJ, et al. Vision specific quality of life of pediatric contact lens wearers. Optom Vis Sci. 2010 Aug;87(8):560-6 16. Bullimore MA, et al. The risk of microbial keratitis with overnight Orthokeratology in Russia. Eye C