

# MiSight® 1 day contact lenses are proven to slow the progression of myopia in age-appropriate children<sup>1</sup> and are child friendly<sup>1</sup>

## MiSight® 1 day clinical trial — Overall Findings

- Over a 3 year period, MiSight® 1 day slowed the progression of myopia in children aged 8–12 at the initiation of treatment by 59% on average, and 41% of eyes had no progression.\*<sup>1</sup>
- At 6 years, 23% of eyes had no progression<sup>3</sup>
- The total progression in axial length with MiSight® 1-day wearers over 6 years matches the progression of the first 2 years in the control group during an important period of eye growth for age-appropriate children<sup>3</sup>
- MiSight® 1 day treatment period of 6 years vs. 3 years did not alter the rate of slowing refractive error or axial length<sup>3</sup>
- Children wearing MiSight® 1 day achieved excellent visual acuity<sup>†</sup> across all visits throughout 6 years of clinical study<sup>1,3</sup>
- Children can successfully wear MiSight® 1 day contact lenses with minimal impact on ocular physiology<sup>1,3,5</sup>

\*Compared to single vision lens, -0.25D or less of change. Fitted at 8-12 years of age.

## MiSight® 1 day clinical trial — Part 1

- 41% of the MiSight® group showed no meaningful progression in refractive error<sup>‡</sup> after 3 years, compared with 4% in the control group<sup>1</sup>
- Children as young as 8 can be successfully fit with soft, daily disposable soft contact lenses<sup>§1</sup>
- Children as young as 8 are able to handle their lenses confidently soon after initial fitting<sup>1</sup>

<sup>†</sup> Compared with a standard single-vision one-day lens over a three-year period.  
<sup>‡</sup> No clinically meaningful change in refractive error -0.25D or less from baseline.  
<sup>§</sup> >95% of children were successfully fit with MiSight® 1 day or Proclear® 1 day.  
<sup>1</sup> Children new to contact lens wear aged 8–12, n= 130 @ 1 month after dispense.

## MiSight® 1 day clinical trial — Part 2

- Children wearing MiSight® 1 day for 6 years progressed less than 1.00 D on average <sup>†3</sup>
- New and established MiSight® 1 day wearers have comparable rates of myopic progression and axial length growth<sup>3</sup>
- Older children<sup>‡</sup> adapted to spherical contact lenses achieved excellent visual acuity<sup>§</sup> when they switched to MiSight® 1 day<sup>3</sup>

<sup>†</sup> Fitted at 8-12 years of age at initiation of treatment.  
<sup>‡</sup> Median age at switching 13.0 ± 1.5 years.  
<sup>§</sup> VA (LogMAR >6/6 (20/20)) at all visits from dispensing to 6-year visit.

## MiSight® 1 day clinical trial — Part 3

- Phase 3 of the clinical trial will follow the children for one additional year to evaluate for post-treatment effect

For further details, please contact your local CooperVision sales representative or visit [coopervision.com](http://coopervision.com).

**Indications for use:** MiSight® 1 day (omafilcon A) soft (hydrophilic) contact lenses for daily wear are indicated for the correction of myopic ametropia and for slowing the progression of myopia in children with non-diseased eyes, who at the initiation of treatment are 8-12 years of age and have a refraction of -0.75 to -4.00 diopters (spherical equivalent) with ≤ 0.75 diopters of astigmatism. The lens is to be discarded after each removal.

**References:** 1. Chamberlain P, et al. A 3-year randomized clinical trial of MiSight lenses for myopia control. *Optom Vis Sci*. 2019;96:556–567. 2. CONSORT 2010 Explanation and Elaboration: Updated guidelines for reporting parallel group randomized trials. *BMJ*. 2010;340:c869 doi: 10.1136/bmj.c869. 3. Chamberlain P, Arumugam B, Jones D et al. Myopia Progression in Children Wearing Dual-Focus Contact Lenses: 6-year findings. *Optom Vis Sci* 2020;97(E-abstract): 200038. 4. Tideman J, et al. Association of axial length with risk of uncorrectable visual impairment for Europeans with myopia. *JAMA Ophthalmol*. 2016;134:1355–1363. 5. Woods, Jill et al. Ocular health of children wearing daily disposable contact lenses over a 6-year period. *Contact Lens and Anterior Eye*, Volume 0, Issue 0, 2021.

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# MiSight® 1 day:

Setting a clinical standard with the longest continuous soft contact lens study for myopia management<sup>1,2</sup>

## A 7-year clinical trial separated into three parts:<sup>1,3</sup>

### Part 1 (Years 1–3)<sup>1</sup>

Objective

Quantify the effectiveness of MiSight® 1 day in slowing the rate of myopia progression compared to a single vision 1 day lens over a 3-year period\*

- **Randomized + double-masked**
- Ages 8–12
- 144 children

Prospective



Double-masked



Randomized



Multicenter

(Singapore, Canada, England, Portugal)



Test group (MiSight® 1 day)

70 children aged **8–12 years**

Control group (Proclear® 1 day)

74 children aged **8–12 years**

\*Proclear® 1 day

### Part 2 (Years 4–6)<sup>3</sup>

Compare the rate of myopia progression between children new to MiSight® 1 day<sup>§</sup> and those who had worn MiSight® 1 day for the previous 3 years

- **All children wearing MiSight® 1 day**
- Ages 11–15
- 108 children from Part 1 continued into Part 2



N/A

N/A



Participants:

108 children aged **11–15 years**

N/A

§ Median age at switching 13.0 ± 1.5 years.

### Part 3 (Year 7)

Phase 3 of the clinical trial will follow the children for one additional year to evaluate for post-treatment effect



**Indications for use:** MiSight® 1 day (omafilcon A) soft (hydrophilic) contact lenses for daily wear are indicated for the correction of myopic ametropia and for slowing the progression of myopia in children with non-diseased eyes, who at the initiation of treatment are 8-12 years of age and have a refraction of -0.75 to -4.00 diopters (spherical equivalent) with ≤ 0.75 diopters of astigmatism. The lens is to be discarded after each removal.

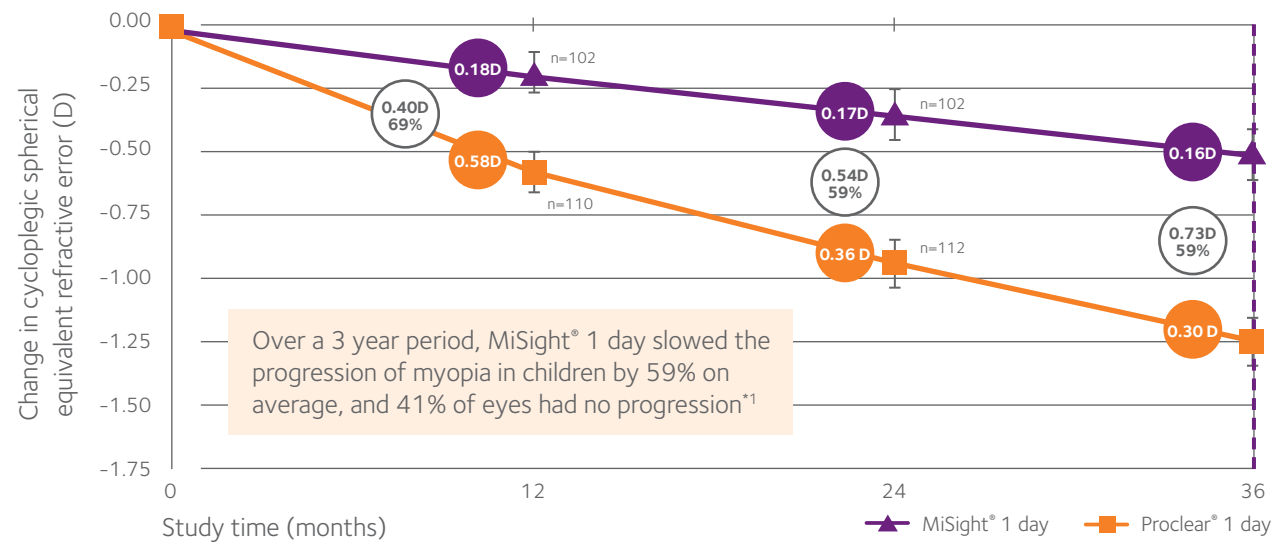
# MiSight® 1 day clinical study outcomes

## Part 1 (Years 1-3)

**Objective:** Quantify the effectiveness of MiSight® 1 day in **slowing the rate of myopia progression** compared to a single vision 1 day lens over a 3-year period\*

**Result:** 59% on average reduction in myopia progression with MiSight® 1 day<sup>1</sup>

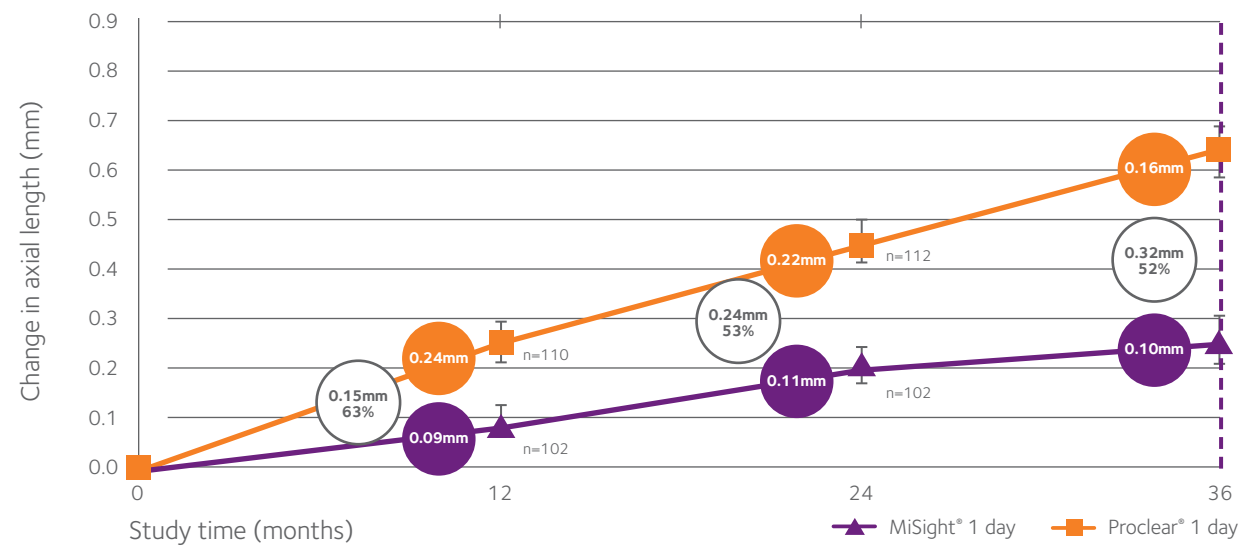
### Changes in refractive error<sup>1,3</sup>



**Result:** 52% on average reduction in axial elongation with MiSight® 1 day<sup>1</sup>

### Changes in axial length<sup>1,3</sup>

• Increased axial length is associated with a higher likelihood of visual impairment<sup>4</sup>



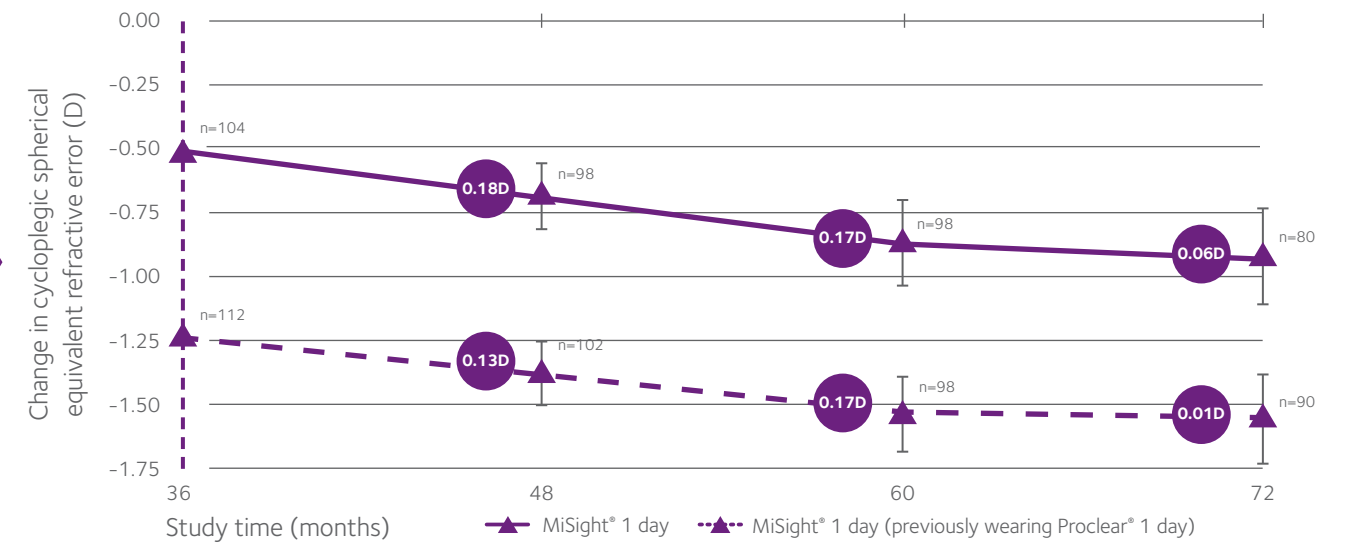
\*Children aged 8-12 at the initiation of treatment.

§ Median age at switching 13.0 ± 1.5 years.

## Part 2 (Years 4-6)

**Objective:** Compare the rate of myopia progression between children new to MiSight® 1 day<sup>§</sup> and those who had worn MiSight® 1 day for the previous 3 years

**Result:** New and established MiSight® 1 day wearers had comparable rates of myopic progression<sup>3</sup>



**Result:** New and established MiSight® 1 day wearers had comparable rates of axial length growth<sup>3</sup>

