

TRUSTED EVERYWHERE



TOPIC 2
THEMATIC STUDIES

TRUSTED FOR STABLE MYOPIA CONTROL RESULT

MARK ALLAN BULLIMORE

- **3139** US children fit with Euclid orthokeratology lenses.
- **12**-month and **24**-month
- The average axial growth was 0.09mm and 0.20mm respectively
- Euclid orthokeratology lenses slowed axial growth to an average of **- 0.17** mm and **- 0.28** mm



Trusted by 100+ papers on myopia management worldwide

TRUSTED FOR STABLE MYOPIA CONTROL RESULT



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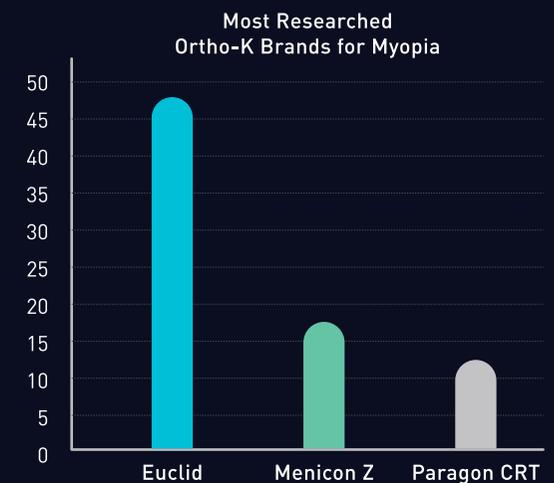
GOLD FELLOW, ASSOCIATION FOR RESEARCH IN
VISION AND OPHTHALMOLOGY

Most myopia is caused by the eye elongating too much. Myopia is a leading cause of visual impairment worldwide and its prevalence is on the rise. Myopia increases the risk of potentially sight threatening conditions later in life. Overnight orthokeratology can be used to slow axial elongation and, potentially, lower the risk for eye problems in adulthood.

The Euclid Emerald lens designs for orthokeratology have been available in global markets for over 20 years and is used extensively by clinicians for slowing myopia progression in children. Data from the peer-reviewed literature on the efficacy of this lens were analyzed. The study, “*Efficacy of the Euclid Orthokeratology Lens in Slowing Axial Elongation,*” was published in Contact Lens and Anterior Eye.

Efficacy of the Euclid Orthokeratology Lens in Slowing Axial Elongation¹

Mark Bullimore and Maria Liu

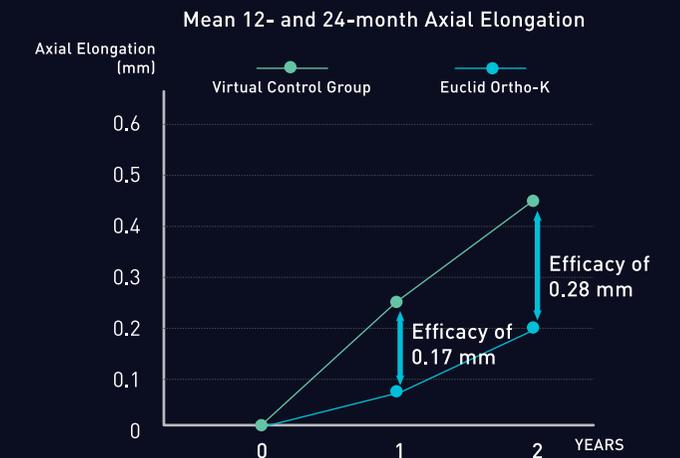


1. Bullimore MA, Liu M. Efficacy of the Euclid orthokeratology lens in slowing axial elongation. Contact Lens and Anterior Eye. 2023;0(0).A

A comprehensive systematic search of Medline identified 140 articles that reported axial elongation in children wearing orthokeratology lenses. Of those, an impressive 49 reported data on the Euclid Emerald design—more than twice that of any other lens. Axial elongation data could be extracted from 37 papers—14 of which included an untreated control group. Among these, the mean 12-month efficacy—the difference in axial elongation between orthokeratology wearers and controls—was 0.18 mm and the mean 24-month efficacy was 0.28 mm.

Nearly all of the studies were conducted in East Asia, but one retrospective study—the Clinical Algorithm for Myopia Progression (CAMP) Study—reported 139 US children fit with Euclid orthokeratology lenses. Mean 12-month and 24-month axial elongation was 0.09mm and 0.20mm, respectively. The efficacy of orthokeratology was calculated using a virtual control group using the model of Shamp et al. yielding a 12-month and 24-month efficacy of 0.17mm and 0.28mm, respectively.

Clinical Algorithm for Myopia Progression (CAMP) Study



In summary, there is an impressive body of literature on the efficacy of the Euclid lens. Such a collection for a single device for myopia control is unique. It demonstrates the efficacy of this design in slowing axial elongation in myopic children.



100+ Trusted by 100+ papers on myopia management worldwide

TRUSTED EVERYWHERE

Euclid

Trusted by 100+ papers on myopia management worldwide

(1 BRAND) (25+ YEARS) (100+ PAPERS) (300+ RESEARCHERS) (3,000,000+ EYES)

“ TRUSTED EVERYWHERE ”

1

TRUSTED EVERYWHERE IN THE WORLD

2

TRUSTED FOR STABLE MYOPIA CONTROL RESULT

3

TRUSTED LONG TERM USAGE

4

TRUSTED FOR ADVANCING MYOPIA CONTROL EFFICACY

5

TRUSTED KIDS & ADULTS

6

TRUSTED FOR NOVEL CONCEPTS

Review of Global Academic Papers in 20 Years of Development of Orthokeratology, Euclid launch its 'Trusted Everywhere' special project on April, 2023, with a series of Peer-reviewed scientific articles covering 6 research topics.