

U.S. Orthokeratology Lens Market Size, Share & Trends Analysis Report By Type (Spherical, Toric), By Disease Indication, By Age Group (6–12 Years, 13–19 Years, 20 Years & Above), By End-use (Optometry Clinics, Ophthalmology Clinics, Hospitals), And Segment Forecasts, 2026 - 2033

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Abstracts

The U.S. orthokeratology lens market size was valued at USD 29.5 million in 2025 and is projected to grow from USD 29.8 million in 2026 to USD 32.5 million by 2033, at a CAGR of 1.2% from 2026 to 2033. The demand is attributed to the growing prevalence of pediatric myopia and the increasing emphasis on evidence-based myopia management among eye care professionals.

As awareness grows regarding the long-term risks associated with progressive myopia, including retinal detachment, glaucoma, myopic macular degeneration, and cataracts, optometrists are increasingly recommending orthokeratology as an effective intervention to slow axial elongation while providing daytime vision correction without glasses or contact lenses.

High awareness of retinal disorders and an established healthcare infrastructure facilitate the adoption of advanced diagnostic technologies. A recent paper published in Optometry & Vision Science highlights key trends and insights regarding the current state of orthokeratology in the U.S. The findings from the Fitting of Orthokeratology in the United States (FOKUS) survey, conducted with over 500 eye care professionals (ECPs), reveal that 56% of those actively fitting ortho-k lenses expect market growth in the coming year. In addition, 46% of ECPs not currently fitting these lenses plan to begin prescribing them within the next two years.

The increase in screen time due to digital devices also plays a crucial role in market growth. A study by the Vision Council reported that over 60% of adults experience symptoms of digital eye strain, leading to heightened awareness regarding eye care and the importance of effective vision correction methods. This trend is driving more individuals to consider ortho-K lenses as a viable solution.

Demand is also being driven by increasing clinical acceptance and practitioner adoption of orthokeratology in the U.S. The Fitting of Orthokeratology in the United States (FOKUS) survey found that approximately 68% of U.S. practitioners prescribe orthokeratology primarily for myopia management, while 56% expect growth in orthokeratology fitting over the following 12 months. In addition, nearly half of practitioners who are not currently offering orthokeratology indicated plans to begin offering the service, reflecting expanding provider availability and growing confidence in the technology. These trends, combined with advancements in corneal topography, customized lens design, and digital fitting software, are making orthokeratology more accessible and efficient for both clinicians and patients.

U.S. Orthokeratology Lens Market Report Segmentation

This report forecasts revenue growth and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. orthokeratology lens market report based on type, disease indication, age group, and end-use:

Type Outlook (Revenue, USD Million, 2021 - 2033)

Spherical

Toric

Disease Indication Outlook (Revenue, USD Million, 2021 - 2033)

Nearsightedness (Myopia)

Astigmatism

Others

Age Group Outlook (Revenue, USD Million, 2021 - 2033)

6–12 Years

13–19 Years

20 Years & Above

End-use Outlook (Revenue, USD Million, 2021 - 2033)

Optometry Clinics

Ophthalmology Clinics

Hospitals

Others

This report can be delivered to the clients within 3 Business Days

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