

# **United States Therapeutic Contact Lens Market, By Material Type (Senofilcon, Balafilcon, Lotrafilcon, Methafilcon, Others), By Application (Drug Delivery, Corneal Healing, Pain Relief, Sealing & Protection, Others), By Distribution Channel (Hospitals & Clinics, Online, Optical Retail Stores), By Region, Competition Forecast and Opportunities, 2028**

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## **Abstracts**

United States Therapeutic Contact Lens Market is anticipated to witness a growth of steady CAGR in the forecast period, 2024-2028, owing to the rise in digital eye strain amongst Americans. The way blue light is emitted by phone displays and other digital devices differs from how it is produced by natural sources due to peculiar work culture in the United States and the extensive usage of smart devices like desktops, laptops, tabs, mobile phones, etc. As a result, blue light scatters more in the eyes, adding to the visual chaos. Computer glasses with therapeutic contact lenses that block blue light can lessen digital eye strain by increasing contrast. Anti-reflective eyewear reduces glare, improves contrast, and filters the blue light emitted by electronic devices.

Furthermore, the increase of middle classes and urbanization in rapidly emerging countries, particularly in Latin America and Asia, have altered the economy and personal eye health needs. The need for better healthcare trends and requirements has grown significantly as a result of an enormous rise in rural residents moving to cities in quest of better employment opportunities. One of the key drivers of the growth of the United States Therapeutic Contact Lenses Market is the trend towards luxury goods like contact lenses among consumers who have more disposable income.

Increasing Prevalence of Eye Disorders in the United States

The increasing prevalence of eye disorders in the United States is a growing concern for both healthcare professionals and patients alike. Vision is a critical sense that plays a vital role in our daily lives, and any impairment can have a significant impact on an individual's quality of life. This article will explore the factors behind the increasing prevalence of eye disorders in the United States and what can be done to address this issue.

According to the Centers for Disease Control and Prevention (CDC), approximately 12 million people in the United States have vision impairment, including 1 million who are blind. The most common causes of vision loss in the United States are age-related macular degeneration, cataracts, glaucoma, and diabetic retinopathy. These conditions affect an individual's ability to see and impact their overall health and well-being.

One of the primary factors contributing to the increasing prevalence of eye disorders in the United States is the aging population. As people age, their risk of developing eye conditions such as age-related macular degeneration and cataracts increases. The baby boomer generation, which accounts for a significant portion of the US population, is now reaching retirement age, and as a result, the number of individuals with age-related eye conditions is expected to rise.

Another factor contributing to the increasing prevalence of eye disorders is the rise in diabetes rates in the United States. Diabetes is a chronic condition that affects the body's ability to produce or use insulin effectively, which can lead to a range of health complications, including diabetic retinopathy. Diabetic retinopathy is a condition that affects the blood vessels in the retina and can cause vision loss or blindness. It is estimated that near about 700,000 persons in the United States have proliferative diabetic retinopathy, with an annual incidence of 65,000. According to National Diabetes Statistics Report for 2022, about 11.3% of the United States population (approximately 37.3 million people) are suffering from diabetes.

Additionally, lifestyle factors such as poor nutrition, lack of exercise, and exposure to harmful UV rays from the sun can contribute to the development of eye disorders. Smoking is another significant risk factor for eye diseases such as age-related macular degeneration and cataracts.

Address the increasing prevalence of eye disorders in the United States, healthcare professionals and patients must take proactive steps to promote eye health. This includes regular eye exams to detect and treat conditions early, maintaining a healthy

diet and exercise regimen, quitting smoking, and wearing protective eyewear when necessary.

## Growing Preference for Contact Lenses over Glasses in the United States

In recent years, there has been a growing preference for contact lenses over glasses in the United States. While glasses have traditionally been the primary form of vision correction, contact lenses offer a range of benefits that are appealing to many people. This article will explore the factors behind this trend and why more people are opting for contact lenses over glasses.

One of the main reasons why people are choosing contact lenses over glasses is the convenience they offer. Unlike glasses, contact lenses do not fog up, slide down the nose, or get in the way during physical activities. They also provide a more natural appearance, which can be particularly appealing to individuals who are self-conscious about wearing glasses.

Another factor driving the growing preference for contact lenses is improved vision correction. Contact lenses sit directly on the eye, providing a broader field of vision and better peripheral vision than glasses. This can be particularly beneficial for individuals who need to see clearly during sports, driving, or other activities that require a wide field of vision.

In addition to convenience and improved vision correction, contact lenses offer greater flexibility in terms of fashion and style. With a wide range of options available, individuals can choose from different types of contact lenses, such as colored lenses or lenses that correct astigmatism, to achieve the desired look and functionality. This flexibility allows individuals to express themselves and feel confident in their appearance while still addressing their vision needs.

Contact lenses are becoming more affordable and accessible, which is another reason for their growing popularity. The development of new technologies has led to increased competition among contact lens manufacturers, driving down prices and making them more widely available to consumers. Additionally, online retailers offer competitive pricing and the convenience of home delivery, making it easier for individuals to purchase and refill their contact lenses.

While contact lenses offer a range of benefits, it's important to note that they may not be suitable for everyone. Individuals with certain eye conditions or allergies may not be

able to wear contact lenses safely or comfortably. Additionally, contact lenses require proper care and maintenance to prevent eye infections and other complications.

## Technological Breakthroughs

Technological advancements in therapeutic contact lenses have revolutionized the way ocular surface diseases are treated in the United States. These lenses are designed to deliver medication directly to the affected area, providing targeted and sustained treatment for a range of conditions, including dry eye, corneal ulcers, and glaucoma. In recent years, there have been significant advances in the development of therapeutic contact lenses, driven by innovations in material science, nanotechnology, and drug delivery systems.

One of the most promising advances in therapeutic contact lenses is the development of smart contact lenses. These lenses incorporate sensors and microelectronics to monitor the eye and deliver medication in real-time. For example, a smart contact lens developed by researchers at the University of California, San Diego, can measure glucose levels in tears and provide feedback to a patient with diabetes. This technology has the potential to revolutionize the management of chronic diseases, such as diabetes, by providing continuous monitoring and personalized treatment.

Another area of innovation in therapeutic contact lenses is the development of materials that can mimic the properties of the ocular surface. For example, researchers at the University of Michigan have developed a hydrogel material that can mimic the elasticity of the cornea, allowing for more comfortable and effective drug delivery. This material can be modified to release medication in response to specific stimuli, such as changes in pH or temperature.

Nanotechnology has played a significant role in the development of therapeutic contact lenses. Nanoparticles can be incorporated into contact lens materials to enhance drug delivery and release. For example, a team of researchers from the University of Waterloo has developed a contact lens that can release glaucoma medication over several days, reducing the need for daily eye drops. The team achieved this by incorporating nanoparticles into the contact lens material that could gradually release the medication over time.

In addition to these technological advancements, there has been progress in the development of customized contact lenses for individual patients. This approach involves using advanced imaging techniques to map the surface of the eye and create

lenses that are tailored to the unique shape and curvature of the eye. This can improve the comfort and efficacy of the lenses and reduce the risk of complications.

## Market Segmentation

United States Therapeutic Contact Lens market can be segmented by material type, application, distribution channel, and by region. Based on material type, the market can be segmented into senofilcon, balafilcon, lotrafilcon, methafilcon, and others. Based on application, the market can be divided into drug delivery, corneal healing, pain relief, sealing & protection, and others. Based on distribution channel, the market can be fragmented into Hospitals & Clinics, Online, and Optical Retail Stores.

## Market Players

Alcon, Inc., CooperVision, Inc., Johnson & Johnson Vision Care Inc, Bausch Health Companies, Inc., EssilorLuxottica S.A, Carl Zeiss Meditec AG, SynergEyes Inc., X-Cel Specialty Contacts (Walman Company), Hoya Corporation are some of the leading players operating in the United States Therapeutic Contact Lens market.

## Report Scope:

In this report, United States Therapeutic Contact Lens market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

### United States Therapeutic Contact Lens Market, By Material Type:

Senofilcon

Balafilcon

Lotrafilcon

Methafilcon

Others

### United States Therapeutic Contact Lens Market, By Application:

Drug Delivery

Corneal Healing

Pain Relief

Sealing & Protection

Others

United States Therapeutic Contact Lens Market, By Distribution Channel:

Hospitals & Clinics

Online

Optical Retail Stores

United States Therapeutic Contact Lens Market, By Region:

North-East

Mid-West

West

South

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the United States Therapeutic Contact Lens Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

*United States Therapeutic Contact Lens Market, By Material Type (Senofilcon, Balafilcon, Lotrafilcon, Methafil...*

## Company Information

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