

Artificial Cornea and Corneal Implant Market by Type (Human Cornea, Artificial Cornea), Transplant Type (Penetrating Keratoplasty, Endothelial Keratoplasty), Disease Indication, End Users (Hospitals, Specialty Clinics & ASCs) - Global Forecast to 2026

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Abstracts

The global artificial cornea and corneal implant market is projected to reach USD 599 million by 2026 from USD 418 million in 2021, at a CAGR of 7.4% from 2021 to 2026. Market growth is largely driven by the The growing geriatric population and the rising prevalence of eye diseases are the major drivers for the artificial cornea and corneal implants market. The increasing prevalence of eye disorders and government initiatives to control visual impairment are further boosting the market growth.

However, the high cost of ophthalmology devices and surgical procedures is expected to restrain the growth of this market during the forecast period.

“Human cornea segment accounted for the largest share of artificial cornea and corneal implant market in 2020”

On the basis of type, the artificial cornea and corneal implants market is segmented into human cornea and artificial cornea. In 2020, the human cornea segment accounted for the largest share of the artificial cornea and corneal implants market. The large share of this segment can be attributed to the rising awareness regarding corneal transplantation and eye tissue donations, especially in developing economies.

“Penetrating keratoplasty segment accounted for the largest share of artificial cornea and corneal implant market in 2020”

On the basis of transplant type, the artificial cornea and corneal implants market is segmented into penetrating keratoplasty, endothelial keratoplasty, and other transplants (including anterior lamellar keratoplasty (ALK) and keratoprosthesis). In 2020, the penetrating keratoplasty segment accounted for the largest share of the global artificial cornea and corneal implants market. The large share of this segment can be attributed to the rising number of people suffering from eye disorders such as infectious keratitis and injury of the eyeball.

“North America accounted for the largest share of the artificial cornea and corneal implant market in 2020.”

Geographically, the artificial cornea and corneal implant market is segmented into North America, Europe, the Asia Pacific, Latin America, and Middle East & Africa. In 2020, North America accounted for the largest share of the global artificial cornea and corneal implants market. The market is well-established in North America, with the US dominating the market in this region. The large share of North America is mainly attributed to the established healthcare infrastructure, higher adoption of sophisticated healthcare technologies, higher budget among end users of ophthalmic devices, and a large number of manufacturers for corneal implants in the region.

By Company: Tier 1: 40%, Tier 2: 35%, and Tier 3: 25%

By Designation: C-level Executives: 25%, Directors: 55%, and Others: 20%

By Region: North America: 40%, Europe: 25%, APAC: 20%, LATAM: 10% and MEA: 5%

Some of the key players in the artificial cornea and corneal implant market are AJL Ophthalmic (Spain), CorneaGen Inc. (US), Addition Technology, Inc. (US), LinkoCare Life Sciences AB (Sweden), Presbia plc (Ireland), Mediphacos (Brazil), Aurolab (India), Cornea Biosciences (US), DIOPTEx GmbH (Austria), EyeYon Medical (Israel), Massachusetts Eye and Ear (US), Florida Lions Eye Bank (US), SightLife (US), Advancing Sight Network (US), San Diego Eye Bank (US), L V Prasad Eye Institute (LVPEI, India), New Mexico Lions Eye Bank (NMLEB, US), San Antonio Eye Bank (US), Kansas Eye Bank & Cornea Research Center (US), Rocky Mountain Lions Eye Bank (US), Netherlands Institute for Innovative Ocular Surgery (NIIOS, Netherlands), CTS Eye Bank (UK), The East Anglian Eye Bank (UK), Kensington Health (Canada), and Beijing Tongren Eye Bank (China). The study includes an in-depth competitive analysis

of these key players in the artificial cornea and corneal implant market, along with their company profiles, recent developments, and key market strategies.

Research Coverage:

The market study covers the artificial cornea and corneal implant market across various segments. It aims at estimating the market size and the growth potential of this market across different segments by type, transplant type, disease indication, end users and region. The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to their product and business offerings, recent developments, and key market strategies.

Key Benefits of Buying the Report:

The report will help market leaders/new entrants in this market and provide information regarding the closest approximations of the artificial cornea and corneal implant market and its segments. This report will help stakeholders understand the competitive landscape, gain insights to position their businesses better, and plan suitable go-to-market strategies. The report will also help stakeholders understand the pulse of the market and provide information on key market drivers, restraints, opportunities and challenges.

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13.3 COMPANY PROFILES

(Business overview, Products offered, Recent developments)*

13.3.1 AJL OPHTHALMIC S.A.

13.3.2 CORNEAGEN, INC.

13.3.3 ADDITION TECHNOLOGY, INC.

13.3.4 LINKOCARE LIFE SCIENCES AB

13.3.5 PRESBIA PLC

FIGURE 34 PRESBIA PLC: COMPANY SNAPSHOT (2018)

13.3.6 MEDIPHACOS

13.3.7 AUROLAB

13.3.8 CORNEA BIOSCIENCES, INC.

13.3.9 DIOPTEX MEDIZINPRODUKTE FORSCHUNGS-, ENTWICKLUNGS- UND VERTRIEBS GMBH (DIOPTEX GMBH)

13.3.10 EYEYON MEDICAL

13.3.11 MASSACHUSETTS EYE AND EAR

FIGURE 35 MASSACHUSETTS EYE AND EAR: COMPANY SNAPSHOT (2020)

13.3.12 FLORIDA LIONS EYE BANK

FIGURE 36 FLORIDA LIONS EYE BANK: COMPANY SNAPSHOT (2019)

13.3.13 SIGHTLIFE

FIGURE 37 SIGHTLIFE: COMPANY SNAPSHOT (2019)

13.3.14 ADVANCING SIGHT NETWORK

13.3.15 SAN DIEGO EYE BANK

13.3.16 L V PRASAD EYE INSTITUTE

13.3.17 NEW MEXICO LIONS EYE BANK

13.3.18 SAN ANTONIO EYE BANK

13.3.19 KANSAS EYE BANK & CORNEA RESEARCH CENTER

13.3.20 ROCKY MOUNTAIN LIONS EYE BANK

13.3.21 CORNEAT VISION

13.3.22 KERAMED, INC.

*Business overview, Products offered, Recent developments might not be captured in case of unlisted companies.

14 APPENDIX

14.1 INSIGHTS OF INDUSTRY EXPERTS

14.2 DISCUSSION GUIDE

14.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

14.4 AVAILABLE CUSTOMIZATIONS

14.5 AUTHOR DETAILS

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